

Checklist of flora قائمة الحياة النباتية (الفلورا)

ACANTHACEAE (السنفية المضية)

Acanthus arboreus Forssk. @ سنف

Taiz, Al U'deyn, Ibb, Dhamar, Sanaa, Hajjah .

Angkalanthus oligophylla Balf.f. * @ مشكرين

(syn. *Ancalanthus paucifolius* Balf.f.). (6)

Soqotra.

Anisotes diversifolius Balf.f. * (2,6)

(syn. *A. diversifolius* Balf.f. var. *brevicalyx* Balf.f.) (6)

Soqotra.

Anisotes trisulcus (Forssk.)Nees. @ مض، مضيبض، قصف

Widespread: Tihama, Tihama foothills, Taiz, Maqbanah, Shara'b, Al U'deyn, Al Qafir, Madinat Ashsharq, al Dhalaa, Al Husha, Al Azareq, Qa'tabah, Juben, Abyen, Ataq-Aden, J. Assoda, Shabwa, Hadhramaut .

Asystasia gangetica (L.)T. Anders. @

(syn. *A. anellioides* balf.f., *A. coromandeliana* Nees.). (6)

Taiz, Al U'deyn, Ibb, Soqotra.

Asystasia guttata (Forssk.)Brum. @ شخيطه

(syn. *A. somalensis* (Franch.)Lebrun & Toussaint, *A. Petalidioides* Deflers, *Ruellia guttata* Forssk.).

Taiz, Ibb, Jiblah, Dhisufal, Assayani, Al Maghariba, Mutheikhira. .

Asystasia petalidioides Defl. * (3)

J. al Arays.

Asystasia schimperi T.Ander. (8)

Rare:Wadi Assukhnah.

Ballochia amoena Balf.f. * @ مصيص

Soqotra

Ballochia atro-virgata Balf.f. * مصيص @

(syn. *B. puberula* Vierh.). (6)

Soqotra

Ballochia rotundifolia Balf.f. * (2,6) مصيص

Soqotra

Barleria acanthoides Vahl @

Taiz, Lahj, al Faydh (Abyen), Qaatabah, al Jawf, Hadhramaut, Al Mahara.

Barleria aculeata Balf.f. * (2,6)

Soqotra

Barleria argentea Balf.f. @ (2,6) أقر

Tihama foothills, Wusab, Rihab, J. Eraf, Soqotra.

Barleria bispinosa (Forssk.)Vahl. ** @ شخظ

(syn. *B. spinicyma* Nees).

Taiz, Ibb, Al U'deyn, Assayani, Dhisufal, Al Qa'idah, Ashshwaet'. Sumara, Al Azareq, Al Hussein, Qa'tabah, Al Husha, Jihaf, Adhale', Abyen.

Barleria candida Nees. (3)

South of Al Mukalla (Hadhramaut)

Barleria farinosa Defl. * (1)

J. al Arays, Hadhramaut.

Barleria hildebrandtii Moore. (3)

Aden, Ras al Maraqisha - Midran (Abyen)

- Barleria hillcoatiae* J.R.I.Wood. ** (8)
Adhale', Eastern mountains e.g. around Radaa and al Baydha.
- Barleria hochstetteri* Nees ex DC. (8)
Rare, Tihama and Tihama foothills, Hadhramaut, N of Fartak: Al Mahara .
- Barleria lanceata* (Forssk.)C.Chr. (8)
(syn. *B. triacantha* Hochst. ex Nees).
Rare, W. Zabid, w of Taiz, Surdud, Hays.
- Barleria mucronifolia* Lindau. (8)
Rare, Taiz.
- Barleria orbicularis* Hochst. ex T.Anders. (8)
(syn. *B. cardiocalyx* Solms , *B. chlamydocalyx* Lindau)
Tihama foothills, Wusab Assafel, Hagdah, al Barh.
- Barleria parviflora* R.Br. ex T. Anders. @
(syn.*B. scabriuscula* O. Schwartz, *B. pauciflora* Lindau, *B. harnierii* Solms, *B. cordifolia* Hochst. ex T.Anderson, *B. ruspolii* Lindau).
Taiz, Haraz, Damt, al Baydha.
- Barleria popovii* Verdc. * (2) درحمم
Soqotra
- Barleria prionitis* L. subsp. *appressa* (Forssk.)Brum. & J.R.I.Wood. شخظ ، شويك (8)
(syn. *B. appressa* Forssk. (Vahl.).
Taiz, Manakha, Hajjah, al Dhale', Ibb, Al U'deyn, Dhisufal. Assayani. J. Sumara.
Mutheikhira, Al Qae'ida, Ba'dan, Ad Dalil, Demt, Qa'tabah, Jihaf, Al Azareq, Al Husha...
- Barleria proxima* Lind. @ شخظ، شواك (3)
(syn. *B. smithii* Rendle). (3)
Taiz, Maqbanah, Lahj, al Dhale', Juban, Qa'tabah, Al Azareq, Lawdar, Jihaf,
Labu's, Yafea, al Baydha, Saada, Radaa, J. Al Araes (Abyen), Hadhramaut .
- Barleria spinifolia* J.R.I.Wood. (1)
J. Jihan: Adhale' .
- Barleria tetracantha* Balf.f. * @ مسحوب
Soqotra
- Barleria trispinosa* (Forssk.)Vahl. @ شخظ
(syn. *B. dicantha* Nees, *Justicia trispinosa* Forssk.).
Taiz, Ibb, J. Bura', Dhamar, Shabwa, Hadhramaut .
- Barleria ventricosa* Hochst. ex Nees. (8)
Dhisufal, al Misrakh, J. Habashi, Ibb.
- Blepharis ciliaris* (L.)B.L.Burt. @ شخظ الكلب، زغف، نقيع، شوك الضب، شوك العجوز
(syn. *Acanthus imbricatus* Edgworth, *B. edulis* (Forssk.)Pers., *B. edulis* (Forssk.)Pers. var. *congesta*, *B. persica* (Burm.f.)Kuntz).
Widespread: Tihama, Tihama foothills, western mountains, Taiz, Assayani, Al Qafr, Mutheikhira, Aden, Dhamar, Abyen, Lahj, J. Sumara, Hajjah , Adhale' , Radfan, Shabwa, Yafea, Marib, W of Tarim Hadhramaut, Ataq-Nisab road, Al Mahara, Soqotra.
- Blepharis dhofarensis* A.Miller **. @ عليب، عيزوب
between Jadib and Damqut and NE of Huf (Al Mahara)
- Blepharis kuriensis* Vierh. ** (2)
(syn. *B. linariifolia* Vierh)
Soqotra
- Blepharis linariifolia* Pers. (@, 5) عشكير (المهرة)

- Lawdar, al Maraqisha (Abyen), Huneshe island, al Mahara.
Blepharis maderaspatensis (L.) Heyne ex Roth. @ عريدهن (سقطرى) (6)
(syn. *B. boerhaviifolia* Juss.)
Taiz, Ibb, Al U'deyn, J. Bura', Soqatra.
- Blepharis spiculifolia* Balf.f. * @ مليشيتت
(syn. *Blepharis spiculifolia* Juss.)
Soqatra
- Blepharispermum hirtum* Oliv. ** (in *Phytocoenologia*, 34(4): 569-612, 2004)
Huf (Al Mahara)
- Blepharispermum yemense* Defl. * (8)
Rare: Al Hujariyah, al Rahidah.
- Chorisochoa minor* (Balf.f.) Vollesen * @
(syn. *Ecbolium striatum* Balf.f. var. *minor* Balf.f.).
Wadi Darho (Soqatra)
- Chorisochoa striata* (Balf.f.) Vollesen *
(syn. *Ecbolium striatum* Balf.f.).
Soqatra
- Crossandra johanninae* Fiori (8)
(syn. *C. wissmannii* O. Schwartz).
Taiz, J. Bura', Al U'deyn, Dhi Sufal, Tihama foothills.
- Dicliptera effusa* Balf.f. * (@, 6) مخرش
(syn. *D. ovata* Balf.f.). (6)
Soqatra.
- Dicliptera foetida* (Forssk.) Blatter (8)
(syn. *D. zeylanica* Nees).
Al H'adiyyah.
- Dicliptera suffruticosa* J.R.I. Wood. (8)
Sanaa, eastern mountains e.g. Damt, Radaa.
- Dicliptera verticillata* (Forssk.) C.Chr. @
(syn. *D. micranthes* Nees).
Taiz (Hidhran), al Qa'idah, Muthaikhira, South Ibb, Zabid, Wusab, Haraz, Al Mahara.
- Dyschoriste dalyi* A.G.Mill. ** (in *Willdenowia* 32: 239-269, 2002)
Summit plateau of Jabal Chatan NE of the permanent spring (Mahara).
- Dyschoriste longicalyx* (Defl.) Lin. (3) in *Bull. Soc. Bot. France* 43: 219 219 1896
(syn. *D. actinotricha* Chiov., *Duosperma longicalyx* (Delf.) Vollesen, *Ruellia longicalyx* Defl.)
Jabal Al Arays
- Dyschoriste perrottetii* (Nees) Kuntze. (8)
Taiz, al Qa'idah, Ibb, Al U'deyn.
- Dyschoriste radicans* Nees. (8)
(syn. *D. radicans* var. *Minor* Nees, *Ruellia radicans* Hochst.)
Highlands e.g. Ibb.
- Ecbolium gymnostachyum* (Nees) Milne-Redh. @ قرف الجمل، قصلة
(syn. *E. parvibracteatum* Rendle.)
Taiz, Damt, Radaa, Al U'deyn, Rayma.
- Ecbolium viride* (Forssk.) Alston. @ مديد قصيف، قصاف،
(syn. *E. linnaeanum* Kurz.)
Taiz, Tihama, Abyen. Muthaykhira, Adhale' a, Alazareq, Qa'tabah.

- Ecbolium strictum* Schwartz. * (3)
Shabwa, Hadhramaut, Al Mahara.
- Hypoestes forskalei* (Vahl) Sol. ex Roem. & Schult. @ صوب
Widespread; Taiz, Ibb, Assayani, Yarim, Al Qae'dah, Dhisufal, J. Taa'ker, J. Sumara, Baa'dan, Kitab, Sanaa, Radaa, Dhamar, Adhale', Yafea, Hadhramaut, Al Mahara.
- Hypoestes pubescens* Balf.f. * (2)
Soqotra
- Hypoestes triflora* (Forssk.) Roem. & Schult. (8)
(syn. *H. radicans* Deflers).
J. Saber, Taiz, Haddah (Sanaa), Shibam.
- Isoglossa punctata* (Vahl) Brum. & J.R.I.Wood. (8)
(syn. *I. oerstediana* Lindau, *Justicia punctata* Vahl).
Rare: Tihama foothills e.g. J. Milhan, Taiz.
- Justicia alexandri* R. Atkinson * (2)
Soqotra
- Justicia anisotoides* J.R.I.Wood. (8)
Rare: Qaa Bakil, Anes, al Haymatein, S of Fartak (Al MAhara).
- Justicia adhatoda* L. (8)
Cultivated e.g. Taiz, Hays.
- Justicia areysiana* Defl. ** @ شغب، هروم، هروم ضاعليج (المهرة)
(syn. *J. bentii* V.A.W. Graham, *Bentia fruticulosa* Rolfe.).
Shabwa, J. Al Arays (abyen), Kor Seiban (Hadhramaut), J. Gedo (Shabwa), al Mahara.
- Justicia caerulea* Forssk.
(syn. *J. nuda* (Nees) O. Schwartz).
Dhisufal, Ibb.
- Justicia calyculata* Deflers (8)
(syn. *J. exigua* S. Moore, *J. leptostachya* (Nees) O. Schwartz).
Ases (S Taiz), Hajjah, Huth.
- Justicia diffusa* Willd. (in Tulin & Mohammed)
Al Mahara: Ras Fartak, along road to Tabut
- Justicia flava* (Vahl) Vahl @
(syn. *J. sulcata* Vahl).
Taiz, Dhisufal, AdDalil, Jiblah, Ashshawaet', Mutheikhira, Assayani, Lahj, Lawdar Ad Dhalae', Hadhramaut .
- Justicia heterocarpa* T. Anders. (2,6,8)
Western mountains, S of Taiz, al Mahabishah, Abyen, Al Mahara, Soqotra.
- Justicia odora* (Forssk.) Vahl. var. *villosa* Defl. @ وزر
Widespread e.g. Taiz, J. Sawraq, Assayani, Mutheikhira, Lahj , al Dhalaa, Dhamar, al Maraqisha.
- Justicia rigida* Balf.f. * (2,6)
Soqotra.
- Justicia takhinensis* R. Atkinson * (2)
Soqotra
- Lepidagathis calycina* Nees. (8)
Rare: east of al Ashshah, Al-Mahra: Coastal mountains between Al Faydami and Hawf, plateau of Jabal Chatan N of the village Con.
- Lepidagathis scariosa* (Wall.) Nees. @

- Tihama foothills, Qadas & Shara'ab (Taiz), Ibb, Dhawran (Dhamar).
Megalochlamys linifolia (Lindau) Lindau. (1) (in *Willdenowia* 32: 239-269, 2002)
Shabwa, Louder, J. Gedu: Shabwa, al Mukalla, Al-Mahra: Jabal Fartak, on the
track between Haswayn and Al Ghaydah.
Megalochlamys violacea (Vahl.) Vollesen. (8) تيس
(*syn. Ecbolium violaceum* (Vahl) J.R.I. Wood & Hillcoat, *Ecbolium anisacanthus*
(Schweinf) C.B., *Justicia violacea* Vahl).
Taiz, Al Qae'dah, Wadi Surdud, Madinat Ashsharq, J. Milhan. Jabel Bura',
Adhale', Al Mahara.
Monechma bracteatum Hochst. (8)
Rare: Western mountains, al Misrakh, Haraz.
Monechma debile (Forssk.) Nees. @
(*syn. Justicia debilis* (Forssk.) Nees.).
Taiz, al Faydh.
Neuracanthus aculeatus Balf.f. * (2,6)
Soqotra.
Neuracanthus argyrophyllus Chiov. (2)
Soqotra
Neuracanthus capitatus Balf.f. (2,6)
Soqotra.
Neuracanthus robecchii (Lindau) Clarke. (3) {doubtful record in Yemen} ?
Neuracanthus spinosus Defl. subsp. *spinosus* (3)
Modia (Abyen)
Peristrophe paniculata (Forssk.) Brummitt. (@,8) عزارب
(*syn. P. bicalyculata* (Retz.) Nees). (3)
Tihama foothills, Taiz, Lahj, al Dhalaa, Abyan: NNE of Shuqra, Hadhramaut, Al-
Mahra: Hawf Mts, locality called Takka NE from Hawf, Soqotra.
Phaulopsis imbricata (Forssk.) Sweet. (8)
Al Turba, Ases, Ibb, Baa'dan, S'uhban, Al U'deyn.
Pseuderanthemum atropurpureum (Benth.) Rodlk. (1,3)
Cultivated as ornamental.
Rhinacanthus scoparius Balf.f. * (2,6)
Soqotra.
Ruellia carnea Balf.f. (2,6)
Al Mahara, Soqotra.
Ruellia dioscoridis Napper * (2,6)
(*syn. R. patula jacq. var minor Jacq.*).
Soqotra.
Ruellia discifolia Oliv. (1,3)
Shabwa, Lawdar, al Mukalla.
Ruellia grandiflora (Forssk.) Blatter. @ غبيرة
(*syn. R. longiflora vahl*).
Tihama foothills, Taiz, w. Anna (Al U'deyn), Assayani, Damt, J. Sawraq, J. Al
Arays (Abyen), Hadhramaut.
Ruellia heterotricha Defl. (3) ?
J. Al Arays (Abyen)
Ruellia insignis Balf.f. * (2,6)
Soqotra.
Ruellia kuriensis Vierh. *

- Abdul Kuri island
Ruellia lineari-bracteolata Lindau (in Willdenowia 34: 159-182, 2004)
Hadhramout: Upper Wadi Charid, Al-Mahra: N Fartak.
Ruellia patula Jacq. @ قريحة، قصيف، وزرة، أفر @
(syn. *R. pallida* Vahl).
Tihama foothills, Taiz, Lahj, Aden, Yafea, Lawdar, Dhamar, Hajjah, Abyen,
Soqotra.
Ruellia paulayana Vierh. * @
Soqotra.
Ruellia praetermissa Lindau. @
Tihama foothills, Wussab Assafel, J. Bura', Haraz, J. Al Arays (Abyen).
Ruellia prostrata sensu T.Anders. (8)
Taiz, al Misrakh (J. Saber), al Mahabisha.
Rungia pectinata (L.)Nees. (ref. Thulin et al, in press)
Sadfan between Jabid and Damqut (Al Mahara)
Ruttya fruticosa Lindau. @ مغلف
J. Al Arays (Abyen), Al Mahara
Trichocalyx obovatus Balf.f. * @ عهل
Soqotra
Trichocalyx orbiculatus Balf.f. * @ عهل
Killisan (Soqotra).
ACTINOPTERIDACEAE
Actiniopteris radiata (Swartz) Link. (8)
Tihama foothills & Western mountains.
Actiniopteris semiflabellata Pic-Serm. @ حكة، مشط الغراب، سربين (سقطرى)
Coastal areas, Tihama foothills, Hagda (w of Taiz), Ibb, al U'deyn, al Baydha,
Hajjah, Soqotra, Hadhramaut, Al Mahara.
ADIANTACEAE
Adiantum balfourii Baker (2,7)
J. Al Arays (Abyen), Soqotra.
Adiantum capillus-veneris L. @ شعر الكلاب، برسبان
Taiz, Dhisufal, J. Bura', J. Milhan, Ussil, Manakha, Wadi Mour, Hujeila, Sanaa,
Hajjah, Amran, ad Dhala, Soqotra.
Adiantum incisum Forssk. (7,8) مشط الغراب سبع الأرض
(syn. *A. Caudatum* L.)
Taiz, J. Bura', J. At Tur, J. Razih, Ussil, J. Milhan, Al Mahara.
Adiantum lunulatum Burm.f. (in Willdenowia 32: 239-269, 2002)
(syn. *Adiantum philippense* L.) (7)
Huf: Mahara,
Adiantum poiretii Wikstr. (7,8)
(syn. *A. aethiopicum* L. (6), *A. thalictroides* Willd ex Schle.).
High mountains, J. Milhan, Soqotra.
Cheilanthes coriacea Decne. (7,8)
High mountains e.g. Hajjah, Manakha.
Cheilanthes farinose (Forssk.)Kaulf. @ كفان، كفين @
(syn. *Pteris decursiva* Forssk.)
J. Saber, Ba'adan, Sa'dah, J. Sumara, J. Milhan, J. Bura', J. Raymah, Southern
mountains.
Cheilanthes marantae (L.) Domin (7,8)

- (*syn. Notholaena marantae (L.) Desv.*)
Rare: Ibb, Utuma, Wusab, Shibam, Manakha.
Cheilanthes pteridioides (Reich.) C. Chr. Shibam. (7,8)
(*syn. C. fragrans Swartz.*)
High mountains e.g. J. Shibam, Manakha.
Cosentinia vellea (Aiton) Tod. (in Englera 28: 57-77, 2006)
(*syn. . C. catanensis (Cosent) Fuchs. Cheilanthes vellea (Aiton) F. Mueller. Shibam.*) (5,8, 7)
High plateau, Ibb, Hagher (Soqatra).
Doryopteris concolor (Langsd. & Fisch.) Kuhn. (@, 7)
(*syn. Cheilanthes concolor (Langsd. & Fisch.) R & A Tryon, Doryopteris kirkii (Hook.) Alston, Pellaea concolor (Langsd. & Fisch.) Bak.*)
Hagher (Soqatra).
Doryopteris inaequalis (Schlechtend.) Kuntze (8)
High altitude areas : J. Saber, J. Manar, J. Rayma, J. Milhan, Hajjah, Al Mahwit .
Negripteris sciona (Chiov.) Pic-Ser. (7,8)
Low & medium altitude mountains, J. Sumara, Soqatra
Onychium divaricatum (Poir.) Alston. (7)
(*syn. Allosorus melanolepis Decne, O. melanolepis (Decne) Kunze (5).*)
J. Saber, Taiz, His'n Hab (Ba'dan), Soqatra..
Pellaea involuta (Swartz) Bak. (7)
(*syn. Cheilanthes involuta (Sw.) Sch. & Anthony.*)
Soqatra.
Pellaea quadripinnata (Forssk.) Prantl. (@, 7, 8)
(*syn. Cheilanthes quadripinnata (Forssk.) Swartz, Pteris quadripinnata Forssk., P. viridis Forssk.,*)
Rare : Obove Al H'adiyyah in J. Raymah, Hagher (Soqatra)
Pellaea viridis (Forssk.) Prantl. (@, 8)
(*syn. Cheilanthes viride Balf.f*)
Rare : J. Bura', J. Rayma, Soqatra.

AGAVACEAE

- Agave sisalana* Perr. @سلف, حزب
Introduced: Taiz, Assayani, Dhisufal, Ibb, Damt, Qa'tabah, Al Husha, Adh Dhale', Al Hussein, Al Azareq, Sumara, Hajjah .

AIZOACEAE

- Aizoon canariensis* L. (1,7,8) حدق
(*syn. Glinus chrystallinus Forssk.*)
Sanaa, Tihama, Lahj, Abyaen, al Dhalaa, Hadhramaut , N of Saada, Radaa, Soqatra, Abdul Kuri.
Corbichonia decumbens (Forssk.) Jack. ex Exell. (2,7,8)
(*syn. Orygia decumbens Forssk.*)
Tihama, Maqbanah, Taiz, Shabwa, J. Bura', Lawdwr-al Mukalla, al Maraqisha, Wussab, Soqatra.
Delosperma harazianum (Deflers) Popp-Ihr. ** (7,8)
(*syn. Mesembryanthemum harazianum Deflers.*)
Haraz, Sumara, SW of Yerim, J. Ta'aker, J. Dhawran, J. Annabi Shua'ib, Kawkaban, J. al Lawz, J. Shibam.
Gisekia pharnaceoides L. (1,2,7,8) رقمة
(*syn. pharnaceum occultum Foessk.*)

- Abyen, coastal areas, Marib, Ahjur, Sanaa, Saada, Damt, Soqotra.
Glinus lotoides L. (1,2,7,8)
(*syn. Mollugo glinus* A.R.Rich, *M. hirta* Thunb).
Rare, Tihama, Aden: Bir Ali, Abyen, Huth, Marib, J. Milhan, Soqotra .
- Glinus setiflorus* Forssk. (7,8)
Very rare, Tihama: Dhahi.
- Limeum arabicum* Friedr. ** (7)
Southern coastal areas.
- Limeum obovatum* Vicary. (7,8)
(*syn. L. humile* Forssk., *L. indicum* Stocks ex T. Anderson).
Rare, Tihama: al Luhayyah, al Mukha, al Mafrag.
- Mollugo cerviana* (L.)Ser. (7,8)
(*syn. Pharnaceum umbellarum* Forssk).
Tihama, Lahj, J. Milhan, al Mahwit, Radaa, J.Bura', Haraz, Lahj, Soqotra
- Mollugo nudicaulis* Lam.
Rare, J. Milhan, J. Bura', Hagda, Rihab, Bani Saad, Soqotra.
- Sesuvium sesuvioides* (Fenzl)Verdc. (7,8)
(*syn. Trianthea polysperma* Oliver.)
Very rare, Coastal area, Manzar,
- Sesuvium verrucosum* Raf. (in *Fragm. Flor. Geobot*, 36(2):1991)
Khormakser, al Manssoora-Caltex. (Aden).
- Telephium sphaerospermum* Boiss. (7)
Low & highlands.
- Tetragonia pentandra* Balf.f. (7)
Soqotra.
- Trianthema crystallinum* (Forssk.)Vahl. (7,8)
(*syn. Papularia crystallina* Forssk).
Tihama, Taiz: al Hoban, J. Milhan, N of J. Marif, Adhale, near Shuqra: E of Al
Kod, Aden, Lahj , w. Bana: Abyen, Marib, Wadi Rimaa.
- Trianthema portulacastrum* L. (1,7)
(*syn. T. monogyna* L)
Hais, Tihama foothills, Aden, Abyen, Hajjah .
- Trianthema salsoloides* Fenzl ex Olive. (3) {doubtful record in Yemen} ?
Lahj , Hadhramaut
- Trianthema sheilae* A.G. Miller & J. A. Nyberg. (3,7)
Southern coastal area
- Trianthema triquetrum* Rottler ex Willd. (1,7,8)
(*syn. T. sedifolia* Vis.)
Rare, Taiz, Lahj , Hujjaylah, Tihama, Sheikh Othman, W Hardabah (Adhale).
- Zaleya pentandra* (L.)Jeffrey. (1,7,8)
(*syn. Trianthea pentandra* L., *Rocama prostrata* Forssk.)
High plateau,Taiz, Tihama, Lahj , al Mahara, Sayun, Soqotra.
- ALOEACEAE**
- Aloe abyssicola* Lavr. & Bilaidi. صبر * (in *Cact. Succ. Jou. (US)*, 43(5): 206 (1971)
J. al Arays, E of Shuqra (Hadhramaut).
- Aloe ahmarensis* Favell, Miller & Al Gifri *
Al Ahmar village
- Aloe austroarabica* Lavr. **
N of Taiz, J. Bura'

- Aloe castellorum* J.R.I. Wood. صبر ** (in Kew Bulletin vol. 38(1):13-31(1982)
(syn. *A. hijazensis* Lavr. & Collen. *Cact. Succ. J. (US)* 72:23. 2000 *synon. nov.*)
Hajjah , Kuhalan, Shahara, J. RazeH.
- Aloe dhufarensis* Lavr **
East side of the Ras Fartaq mountains and west of Hat (Al Mahara).
- Aloe eremophila* Lavr. * (in J.S.Afr.Bot. 31: 71 (1965)
Mola Mater & Wadi Duan (Hadhramaut).
- Aloe fleurentinorum* Lavr. & Newton. ** (in *Cact. Succ. J.(US)* 49: 113 (1977) صبر
(syn. *A. edentata* Lavr. & Collen *Cact. Succ. J. (US)* 72:86. 2000 *synon. nov.*)
Allajm (Taiz), Ad Dimna, Huth, Dhawran, Wadi Dhahr, Nihim, al Mahabisha,
Hadhramaut .
- Aloe fullerii* Lavr. * (in *Cact. Succ. J.(US)* 39: 125 (1967) صبر
(syn. *Aloe rigens* Reynolds & Bally. var. *mortimeri* Lavr.) (in *Cact. Succ. J.(US)*
39: 123 (1967)
Around Habban (Shabwa), NW of Al Mukalla, S of Habban.
- Aloe haggeherensis* McCoy & Lav. * (in *Kakteen und andere Sukkulente*n 58(11): 295-
298 2007)
Haggher (Soqotra)
- Aloe inermis* Forssk. @ عيلي، صبر، صبر حضرمي، سقل (حوف)
Taiz, al Dalaa, Radaa, Tor Al Baha, Hadhramaut, Al Mahara.
- Aloe irafensis* Lav., McCoy & Gifri * رقيشة
J. Eraf (S of Taiz), Al Hashama & Bani Omar (N of Taiz)
- Aloe jawiyon* Christie, Hannon & Oakham * (2)
Soqotra
- Aloe lanata* McCoy & Lavr. * (in *Kakteen und andere Sukkulente*n 58(11): 295-298
2007) عندد
Al Hoban, W. Warazan and al Rahida (Taiz), Damt, Radaa, Lahj , Adhale', NW
Al Baydha, Damt, Qa;tabah,.
- Aloe lavranosii* Reynolds.* (in J.S.Afr.Bot.31: 77(1965)
(syn. *A. doei* Lavr , *Aloe splendens* Lavr.)
Hadhramaut .Modia, around the Lawdar.,
- Aloe luntii* Baker * (in Kew Bull. 1894: 342 (1894) صبر
Eastern plateau, Hadhramaut.
- Aloe mccoysi* Lavr.& Mies *
Ras Fartak (Al Mahara)
- Aloe mahraensis* Lavr.& McCoy ** (in *Cac. & Suc. J. (US)* 47(5): 237-240 (2002)
Ghubbet Qamar (Al Mahara)
- Aloe menachensis* (Schweinf.)Blatter ** in *Fl. Arab. Rec.Bot. Surv.India* 8: 463 (1936)
(A natural hybrid of *A.rubroviolacea* x *A.vacillans*.)
(syn. *A. trichosantha* Berg. var. *menachensis* Schweinf.)
Taiz, Manakha, J. Shibam (Haraz), J. Sumara.
- Aloe niebuhriana* Lav. ** (in J.S.Afr.Bot. 31: 68 (1965) صبر
Southern Tihama, Hajjdah-Al Mafrag road, N of Taiz, Al Barakani, Taiz-
Addimna road and Annashamah (Taiz);, J. Eraf and S of Tur Al Baha.
- Aloe officinalis* (Forssk.) Back. @
(syn. *A. vera* var. *officinalis*).
Tihama, Tihama foothills.
- Aloe pendens* Forssk. * (8) صبر
(syn. *A. arabica* Lam., *A. variegata* Forssk.).

- J. Bura', J. Raymah, obove Al H'adiyyah.
Aloe perryi Baker. * @ طيف
(syn. *A. forbesii* Balf.f.) (2)
Soqotra.
Aloe praetermissa McCoy & Lavr. ** صبر
Huf
Aloe rivierei Lavr. & Newton. * (in Cact. Succ. J.(US) 49: 114 (1977) صبر
Adhabab, near At Turbah,(Taiz), Shahara, Ibb, Sumara
Aloe rubroviolacea Schweinf. ** (in Bull.Herb.Boiss. 2, App.2: 71(1894) قشيرة، صبر،
J. Saber and At Turbah (Taiz), Ba'dan, Sumara, Manakha, J. Shibam, J. Razeh, Al
Ahjur, Audhali plateau N of Lawdar.
Aloe sabaea Schweinf. ** @ قب
(syn. *A. gillilandii* Reynolds).
Taiz, al Qaeda, Hammam Ali., wadi Hijan (Haraz), Hujela, NE of Aden,
Hadhramawt, near Ra's Huweira
Aloe serriyensis Lavr. * (in J.S.Afr.Bot.31: 76 (1965)
J. al Arays (Abyen).
Aloe squarrosa Baker * (2,6)
Soqotra
Aloe tomentosa Defl. * @ خرخر، صبر،
J. Saber (Taiz), Dhamar, Yerim, Sanaa, J. Annabi Shua'ib .
Aloe vacillans Forssk. ** @ صبار، رؤمة، صبر،
(syn. *A. dhalensis* Lavr., *A. audhalica* Lavr. & Hardy).
Jabel S'aber (Taiz), Al U'deyn, Ibb, Sumara, Sanaa, Dhamar, Lawdar, near
Mukairas, near Adhale', Kusuma.
Aloe vera Burm.f. @ صبر
(syn. *A. barbadensis* Miller, *A. perfoliata* var. *vera* L.).
Tihama, Tihama foothills.
Aloe woodii Lavr. & collenette **
Huth, E of Al Mahabisha.
Aloe yemenica J.R.I.Wood. ** (in J.S.Afr.Bot.31: 77(1965) صبر
J. Bura', wadi Assukhnah, wadi Ayn Ali (Hajjah), wadi Qusa' (Madinat
Ashsharq), J. Milhan, Haraz, Suq ArRabu' (Wussab al Ali), Al Mahabisha, al
Mahwit.

AMARANTHACEAE

- Achyranthes aspera* L. محاط، عقيس، حمشد، عاقص
var. *aspera* @
Taiz, Hadda, Lahj, Aden, Yafea, Soqotra.
var. *pubescens* (Moq.)C.Town. @
Low & medium altitude mountains.
var. *sicula* L. (7)
Highlands.
Aerva artemisioides Vierh. & Schwartz subsp. *artemisioides*. * (7)
Hadhramaut
Aerva javanica (Borm.f.) Juss. ex Schult. @ راء، رين، رواء، غيل، راء بقري، هرتك
(syn. *A. persica* (Burm.f.) Meur, *A. tomentosa* Forssk.).
Widespread throughout the country
var. *bovei* Webb. (7)
Dry areas.

- Aerva lanata* (L.) Juss. ex J.A. Sechult. @ راء، رين، راء غنمي
(syn. *A. lanatus* var. *viridis*, *A. lanata* var. *robusta* Balf.f, *Achyranthes villosa* Forssk., *Amaranthus lanatus* A.L. Juss var. *rotundifolia* Moq.,.)
Taiz, Jahran, Manakha, Aden, al Dhalaa, Hadhramaut, Kuhlan Affar, Tihama.
- Aerva microphylla* Moq. * @ قنهتن
(syn. *A. microphylla* var. *humilis* Vierh)
Soqotra
- Aerva revoluta* Balf.f. * (6,7)
Soqotra
- Alternanthera pungens* Kunth. @
(syn. *A. repens* (L.) Steud).
Taiz, Lahj, Lawdar.
- Alternanthera sessilis* (L.)R.Br. ex Roth. @ سبيط
Wadi Adhabab, Usaifera: Taiz, Yerim, Kuhlan Affar, Al Dalil
- Amaranthus ascendens* Lois. @
(syn.. *A. lividus* L, *A. blitum* L).
Taiz, Lahj, Hadhramaut, Abyen, Lawdar, Wadi Mawr, Soqotra.
- Amaranthus caudatus* L. (7,8)
Cultivated as garden ornamental: Sanaa, Bagel.
- Amaranthus dubius* Thell. (2)
Soqotra
- Amaranthus graecizans* L. @ ضدح، بهجي
subsp. *graecizans* L.
(syn. *A. ansustifolius* Lam subsp. *aschersonianus* Thell, *A. angustifolius* Lam.
var. *graecizans* (L.)Thell.)
Tihama foothills, Abyen, Lahj, Taiz, Yafea, Abyen, Mukairas, Hadhramaut,
Soqotra .
subsp. *sylvestris* (Vill.)Heokels. (7)
Tihama foothills.
subsp. *thellunganianus* (Nevski) Gusev
Soqotra
- Amaranthus hybridus* L.
subsp. *cruentus* (L.)Thell. (7,8)
(syn. *A. cruentus* L., *A. paniculatus* L.)
Rare, Sanaa.
subsp. *hybridus*. @
(syn. *A. chlorostachys* Willd, *A. hypochondriacus* L.).
Taiz, Aden, Lahj, Abyen, high plateau.
- Amaranthus sparganiocephalus* Thell. (7) ضدح
Lahj , Abyen, Soqotra.
- Amaranthus spinosus* L. @ شوافة
Tihama, Taiz, Abyen, Ibb, Utumah, Hadhramaut, Al Dalil, Mukairas.
- Amaranthus tricolor* L. subsp. *mangostanus* (L.)Thell. (7)
(syn. *A. mangostanus* L., *A. gangeticus* L., *A. tristis* L.)
Introduced as ornamental
- Amaranthus viridis* L. (7,8)
(syn. *A. gracilis* Desf.).
Sanaa, Tihama, Tihama foothills.
- Celosia anthelminthica* Asch. (7)

- (syn. *C. intermedia* Hochst., *C. digyna* Suess. var. *cordata* Suess., *C. acroprosodes* Hochst.)
Very rare
- Celosia argentea* L. var. *cristata* (L.) O.Kuntze. (7,8)
Hajjah, cultivated in Bagel & J. Bura', .
- Celosia polystachia* (Forssk.) C.Town. (7,8)
(syn. *C. populifolia* Moq., *Achyranthes polystachia* Forssk.).
Tihama foothills, Qaatabah.
- Celosia trigyna* L. @
(syn. *C. caudata* Vahl, *C. trigyna* L. var. *fasciculiflora* Fenzl ex Moq, *Achyranthes decumbens* Forssk., *A. paniculata* Forssk.)
Tihama foothills, Taiz, Al U'deyn, central escarpment Ibb.
- Digera muricata* (L.) Mart. سكر البقر، قصيف
(syn. *D. arvensis* Forssk.)
subsp. *muricata*. @
(syn. *D. alternifolia* (L.) Aschers, *Desmochoeta alternifolia* (L.) DC)
Taiz, Hadhramaut, Yafaa, Abyen, Lahj, Wadi Rimaa, Soqotra.
subsp. *trinervis* C. Towns. var. *patentipilosa* C. Towns. (7)
Soqotra.
- Gomphrena celosioides* Mart. @
Dixsan plateau (Soqotra).
- Gomphrena globosa* L. (7,8)
Cultivated as ornamental garden plant: Taiz, J. Bura', Bayt al Faqih.
- Psilotrichum aphyllum* C.C.Townsend. * (2)
Soqotra.
- Psilotrichum gnaphalobrym* (Hochst.) Schinz. (7,8)
(syn. *Achyranthes cordata* Hochst. & Steud., *P. cordatum* Hochst. & Steud.).
Taiz, Qaatabah, Radaa.
- Psilotrichum sericeum* (Roxb.) Dalz. (2)
(syn. *Psilostachys sericea* (Roxb.) Hook.f.).
Soqotra.
- Psilotrichum virgatum* C.Towns. (7)
Southern low altitude mountains, Hadhramaut: Track from Buweish to Bein al Gebal, gorge NW of Shahora.
- Pupalia grandiflora* Peter. (7,8)
J. Milhan.
- Pupalia lappacea* (L.) Juss. حسك، سبيط، لسة
var. *velutina* (Moq.) Hook.f. @
Taiz, Ibb, Dhisufal, Addalil, Al Qafr, Dhamar, Kuhlan Affar, Lahj, Lawdar, al Mara'qisha, al Dhalaa, Lahj, Manakha, Soqotra.
- Pupalia robecchii* Lopr. (3).
Ras Fartak (Al Mahara).
- Saltia papposa* (Forssk.) Moq. ** @ صنعام، سليم، زريه
(syn. *Achyranthes papposa* Forssk.)
Al Barh and Al Ma'fra' (W of Taiz), Southern Tihama, Ar Rahidah, Lahj, Aden, J. Shamsan, Naqil al Hajlah between Jubah and Harib, Qaatabah, Wusab al Safel, Adhale', Hadhramout: Track from Al Mukalla to Bayn al Jibal and near the village Maula Matar, Wadi Shuhurah, Ras Fartak.

AMARYLIDACEAE

- Crinum album* (Forssk.)Herb. ** @ بصل الحنش، سرف
(syn. *C. yemense* Defl).
Taiz, Shibam, Sumara, W. Dhahr, Kumaym (al Hadah), Ibb, Yesleh, Adhale' ,
Damt, W. Shares, Khamer, J. Taa'ker, J. Nu'man.
- Crinum balfourii* Baker * (2)
Soqotra
- Hypoxis angustifolia* Lam. (8)
Rare: Al U'deyn, J. Ba'adan, Ibb, Tihama foothills.
- Hypoxis villosa* L.f. J. Numan. (3) ??
(syn. *H. krebsii* Fisch. & C.A.Mey. , *H. schweinfurthiana* Nel , *H. scabra* Lodd.)
- Pancratium maximum* Forssk. @ بصل الرياح
Taiz, al Qaadah, Aden, Hadhramaut, Al Mahara.
- Pancratium tortuosum* Herbert. (3) بصل الرباح
Taiz, Aden, Hadhramaut.
- Pancratium trianthum* Herbert. (3) Doubtful record in Yemen
- Polyanthes tuberosa* L. (3) الزنبق البلدي
Cultivatrd as ornamental
- Scadoxus multiflorus* (Martyn) Raf. @ زرع الحنش، بصل الحنش، وفيد الحنش
(syn. *Haemanthus multiflorus* Martyn, *H. coccineus* Forssk., *H. abyssinicus*
Herb, *H. somaliensis* Baker).
Taiz, Ibb, Sumara, J. Bura', Al U'deyn, Assaraem, Assayani, Jiblam Arrabadi,
Dhisufal, J. Al Arays, Rodoum -Wadi Al-Himae (Shabwa), NW of Ghail-bin-
Yamin (Hadhramaut).
- ### ANACARDIACEAE
- Anacardium occidentale* L. (3) سن العجوز
Cultivated: Introduced
- Lannea fruticosa* (Hochst.) Engl. (8)
Wadi Annah & Wadi Addur: Al U'deyn, Wadi Assukhnah, Utumah.
- Lannea transulta* (Balf.f.) A.R.Smith. * @ كنه
(syn. *Elaeocarpus transultus* Balf.f.).
Soqotra.
- Lannea triphylla* (A.Rich.) Engl. (in Willdenowia 32: 239-269, 2002)
(syn. *Odina triphylla* A.Rich.)
Huf: Hawf Mts, southeastwards below Shah'rut.and ibid., SE of Ka'ab, ibid.,
Wadi Chard
- Mangifera indica* L. @ منجا
Cultivated.
- Ozoroa insignis* (Del.) O.Kuntze (8) راض، رعد
(syn. *Heeria insignis* (Del.) O.Kuntz).
J. Rayma, Al U'deyn, J. Bura'.
- Pistacia aethiopica* Kokw. @ ظلام
J. Eraf (al Maqattirah).
- Pistacia falcata* Becc. ex Mart. @ نودة، ضرو
J. Eraf: Taiz, east Hammam Ali, Qa'tabah, Wusab al Ali, J.Bura', J.Milhan,
Hadhramaut: Kor Seiban,, Hawf Mts, upper escarpment to the Jabal Chatan N of
the village Con.
- Rhus flexicaulis* Baker. ** @ قيلي، عريض
(syn. *R. vulgaris* Meikle, *R. gallagheri* Ghaz.) (in Willdenowia 32: 239-269, 2002)

- Al Hujaryah: Bani Umar, J. Eraf, Abyen: Modiya, J. Al Arays, Al Mahara: Huf and Fartak Mts, J. Gedu (Shabwa).
Rhus glutinosa A.Rich. (in Willdenowia 32: 239-269, 2002)
 subsp. abyssinica (Oliv.) M. Gilbert
 (syn. *Rhus abyssinica* Oliver, *R. Petition* A.Rich., *R. folios* A. Rich.,) (8)
 Very rare: Haraz, J. Eraf, J. Al Arays (Abyen).
 subsp. neoglutinosa (M. Gilbert) M. Gilbert
 Kor seiban: Hadhramaut.
- Rhus natalensis Bernh. ex Krauss. @ تيلاب ، تالب
 (syn. *R. glaucescens* A.Rich.).
 Al Hujeriyah, J. Saber, J. Eraf, al Mahwit, Al U'deyn, Assayani, Dhisufal, Ashshawaet', J. Sumara, Madinat Ashsharq, Kor seiban: Hadhramaut, Soqotra.
- Rhus retinorrhoea Steud. ex Oliv. @ تالب
 J. Saber, Baedan: Ibb, J. Sumara, Ba'dan, E of Ibb, Mashawara, Jibla, Dhisufal, Muteikhira, Adhale', Mukayras, Utuma, J. Bura'.
- Rhus somalensis Engl. (in Willdenowia 32: 239-269, 2002)
 N Fartak mountains and the summit plateau of Jabal Chatan NE of Ain Ayn (Al Mahara)
- Rhus thysiflora Balf.f. * @ زورف
 Soqotra.
- Rhus villosa L. (3)
 J. al Maraqisha (Abyen)
- Schinus molle L. @ فلفل كاذب
 Introduced.
- ANNONACEAE**
Annona squamosa L. @ عط، خربش، خرمش، سفرجل
 Taiz, Tihama foothills, western wadis.
- ANTHERICACEAE**
Anthericum corymbosum Baker. (8)
 (syn. *A. gregorianum* R. endle)
 Rare: J. Ta'aker (E. of Sumarah).
- Anthericum inconspicuum Baker. (8)
 Rare: Dhi Na eim.
- Chlorophytum filifolium Nordal & Thulin (2)
 Soqotra
- Chlorophytum graptophyllum (Baker) A.G.Mill. * (2)
 (syn. *Anthericum graptophyllum* Baker)
 Soqotra
- APIACEAE (UMBELLIFERAE)**
Adenosciadium arabicum (T. Ander.) Wolf. ** (3)
 NE Shuqra (Abyen), E of Sayhut and Huf (Al Mahara)
- Agrocharis melananthera Hochst. (8)
 (syn. *Caucalis melanantha* (Hochst.)Benth. & Hook., *Daucus yemensis* Defflers).
 J. Saber, J. Maswer, J. An Nabi Shua'ib.
- Ammi majus L. @ خلة برية
 J. Saber, Ibb, Dhi Sufal.
- Anethum graveolens L. (8)
 Rare, cultivated in Sanaa & Manakha.

- Anthriscus sylvestris* (L.) Hoffm. (8)
J. Saber, Mashwara, J. Ba'adan, J. Ta'aker, J. Manar, Muthaikhira.
- Apium graveolens* L. @
At Turbah, al Qaedah, Radaa, Kawkaban, Manakha, Soqotra.
- Apium nodiflorum* (L.) Reichb.f. @
Taiz, Dhisufal, al Ahgor, Haraz, Ibb.
- Berula erecta* (Huds.) Coville (8)
(*syn. B. thunbergii* (DC.) (Wolff)).
High plateau: al Hada, Yerim, Sa'dah.
- Centella asiatica* (L.) Urb. @
(*syn. Hydrocotyle asiatica* L.).
At Turba, Dhamar, W. Shalalah, W. Habab, Ibb, Saada, Arhab, Soqotra.
- Conium maculatum* L. (8)
J. Saber: Taiz, Sumara, Ibb, J. Maswer, Shibam-Kawkaban, Sanaa-Al Hodayda road, J. Annabi Shua'ib.
- Coriandrum sativum* L. @ كزبرة
Cultivated
- Daucus carota* L. @ جزر
Cultivated.
- Ferula communis* L. @ شمّر, شمار, قلح @
(*syn. Ferula abyssinica* Hochst. ex A.Rich.)
High altitude: Ibb, J. Saber, J. Habashi, J. Sumara, J. Baedan, J. Qaradh, J. Milhan.
- Foeniculum vulgare* Mell. (8) شمّر
Cultivated and road sides: S of Dhamar, Ibb, Annajd Al Ahmer, J. Ta'ker, W of Yarim, Soqotra.
- Heteromorpha arborescens* (Spreng.) Cham. & Schlecht. (8)
At Turbah: S of Taiz, Ibb, J. Ta'kar, Muthaikhira.
- Hydrocotyle ranunculoides* L.f. (8)
Ibb, Yerim, al Hada, W. Habab.
- Hydrocotyle sibthorpioides* Lam. (8)
Very rare: J. Manar: Ibb, W. Bana, Kawkaban.
- Nirarathamnos asarifolius* Balf.f. * (2,6)
Vulnerable: Soqotra.
- Oreofraga morrisiana* M.F.Watson & E.L.Barclay * (2)
Vulnerable: Soqotra, Samha.
- Oreoschimperella arabiae-felicis* C. Town. ** (8)
(*syn. Trachyspermum arabiae-felicis* C. Town.).
Rare, Ibb, J. Saber, J. Hisn Madnan (Wussab), J. Al A'mal (Utuma), Kusma (J. Rayma).
- Peucedanum areysianum* Def. * (4)
Jabal al Arays
- Peucedanum inaccessum* C. Townsend * (8)
Very rare: J. An Nasira (Hajjah), between Markah and AsSabah and between Markah and Maghrabah (J. Milhan), al Mahabisha (below Shamsan).
- Petroselinum crispum* (Mill.) A.W.Hill. @ بقدونس
Cultivated.
- Pimpinella anisum* L. (3) اليانسون
Cultivated.

- Pimpinella etbaica* Schweinf. (3)
J. Shamsan (Aden)
- Pimpinella menechensis* Schweinf. ex Wolff. * (8)
J. Saber, J. Habashi (Taiz), Ibb, J. Ta'kar, NW of Al Mahwit, J. Shibam above Manakha, J. Annasira (Hajjah), N of Nadia (J. Rayma), J. Razih.
- Pimpinella woodii* C.Townse. * (8)
Near Al Jabin: J. Ba'adan (Ibb)
- Pituranthos tortuosus* Benth. & Hook. (3)
Hadhramaut .
- Pycnocycla glauca* L. @
J. Saber, Dhamar, Hajjah , Shaharah, Shibam.
- Rughidia cordata* (Balf.f.) M.F.Watson & E.L.Barclay * (2)
(*syn. Peucedanum cordatum* Balf.f.) (6)
Soqotra.
- Rughidia milleri* M.F.Watson & E.L.Barclay * (2)
Soqotra
- Sanicula elata* Buch.- Ham. ex D.Don. (8)
Rare, High altitude: J. Ba'adan, Ibb, Manakha, J.Rayma.
- Torilis arvensis* (Huds.)Link. (8)
High altitude mountain: J. Saber, Kawkaban.
- Trachyspermum ammi* (L.) Sprague. (3) الخلة الهندية
(*syn. T. copticum* (L.)Link).
Introduced
- Trachyspermum pimpinelloides* (Balf.f.) H.Wolff (2)
(*syn. Carum calcicolum* Balf.f., *C. pimpinelloides* Balf.f., *C. kuriense* Vierh, *C. kuriense* Vi erh. var. *trichocarpum* (Vierh.)Townsend, *C. trichocarpum* Vierh *Trachyspermum calcicola* (Balf.f.) Wolff., *T. trichocarpum* (Vierh.) H. Wolff)
Soqotra, Abdul Kuri, Samha.

APOCYNACEAE (ASCLEPIADACEAE)

CHECKED BY Darrel Plowes, Mutare, Zimbabwe

- Acokanthera schimperi* (A.DC.) Schweinf. @ حشرف ، حرق ، إرميخ، إمرىخ، نمج، إرميخ،
(*syn. A. deflersii* Schweinf., *Carissa schimperi* DC.).
Taiz, Ibb, J. Sawraq, W. Mouna, H'adiyyah, W. Anna (Al U'deyn), Utumah, Al Dalil, Al Dhalaa, J. Arays (Abyen), Al Mahara, Soqotra.
- Adenium obesum* (Forssk.)Roem. & Schult. @ عدن، تبيح، منكرة النعم، دببت الضبع، حبكان، حبكن،
حبكنة، بجعة عصفيد، زهرة الربيع،
(*syn. A. arabicum* Balf.f., *A. micranthum* Stapf.).
Widespread: Tihama, W. Rimaa, Tihama foothills, Taiz, Ibb, Sumara, Dhamar, Mukayras, Adhale', Hadhramaut, Huf al Mahara.
subsp. *sokotranum* (Vierh.)Lav. @ * اسفد، تريمو
(*syn. A. multiflorum* Klotz. , *A. sokotranum* Vierh.).
Soqotra.
- Angolluma araysiana* (Lav. & Bilaidi) Plowes (in *Excelsa* 16: 115 (1993) *
(*syn. Orbea araysiana* (Lavr. & Bilaidi) Bruyns (in *Aloe* 37(4): 73 (2000).
Stultitia araysiana Lavr. & Bilaidi (3,4) (in *Cact. Succ. J. (U.S.)* 43; 207 (1971)
J. al Arays, Hadhramaut
- Angolluma chrysostephana* (Deflers) Plowes (in *Excelsa* 16: 118 (1993) *
(*syn., Caralluma chrysostephana* (Defl.)Berg.) (3,8); *Orbea chrysostephana* (Deflers) Bruyns (in *Aloe* 37 (4): 74 (2001)

- Rare: J. Ras, Abyen, N of Ashuraija, As-Sariya, at the south foot of Jabal Al-Arays, and harra (lava-fields) of Al-Arquab
- Angolluma commutata (Berger) Plowes (in *Excelsa* 16: 115 (1993)
(syn. *Caralluma commutata* A. Berger (in *Stap. U. Klein. 105* (1910); *Orbea commutata* (A. Berger) Bruyns (in *Aloe* 37(4): 74, 2000)
Manakha
- Angolluma deflersiana (Lavr.) Plowes (in *Excelsa* 16: 106 (1993) * جهدم كلاب
(syn. *Caralluma deflersiana* Lavr. (in *J. S. Afr. Bot.* 29:103 (1963); *Orbea deflersiana* (Lavr.) Bruyns (in *Aloe* 37: 74, 2001)
Taiz, Lahj, J. Milhan, Tihama foothills, Adhale, al Hus' ein, Qa'tabah, , Lawdar.
- Angolluma luntii (N. E. Br.) Plowes (in *Excelsa* 16: 118 (1993) **
(syn. *Caralluma luntii* N.E.Br. , *Orbea luntii* (N.E. Brown) Bruyns (in *Aloe* 37(4): 75, 2000)
Rare : Near Dobaibah (Hadhramaut).
- Angolluma eremastrum (O.Schwartz) Plowes كسمع** (in *Excelsa* 16: 118 (1993)
(Syn. *Angolluma wissmannii* (O. Schwartz) Plowes, (in *Excelsa* 16: 118 (1993)
Caralluma eremastrum O. Schwartz (in *Fl. Trop. Arab.:*194(1939); *Orbea wissmannii* var. *eremastrum* (O. Schwartz) Bruyns (in *Aloe* 37(4): 76, 2000),
Pachycymbium eremastrum (O.Schwartz) M.G. Gillbert, (in *Bradleya* 8: 24 (1990) *Caralluma wissmannii* O.Schwartz (in *Fl. Trop. Arab.* 194 (1939) ; *C. meintjesiana* Lavr. (in *J. S. Afr. Bot.* 28:209 (1962); *Orbea wissmannii* (O. Schwartz) Bruyns (in *Aloe* 37(4):76 (2001).
Taiz-Ar rahida, Al Qaedah, J. Bura', Hajjah, Bayt Al Komani, Haraz, Jiblah, J. Raymah, Mafhaq, J. Shibam-J. Dhulwa, Jiblah, Manakha, Kaukaban, E of Kuhlan towards Amran, Hajjah, Above Ad Dalil, between Ibb and J. Sumara
- Asialluma plicatiloba (Lavr.) Plowes
(syn. *Caralluma tuberculata* N.E.Br. (in *Gard. Chron.* 12 : 370 (1892)
Caralluma plicatiloba Lavr, *Borealluma tuberculata* (N.E.Br.) Plowes (in *Haseltonia* 3: 63 (1995)
High altitude areas, high plateau: Amran, Saada, Sanaa-marib road, Bayt Al Komani, Damt, al Baydha, al Baydha, Mukeyras.
- Blyttia spiralis (Forssk.) D.V.Field & J.R.I.Wood. (3,8)
Tihama, Tihama foothills, Al Mafraq, Lahj, al Maraqisha (Abyen).
- Calotropis procera (Ait.) Ait.f. @ عشر، عشار
Throughout the country, Soqotra.
- Caralluma subulata (Forssk.) Decne. (in *Ann. Sci. Nat.* ser.2, 9: 267 (1838)
Tihama, Taiz, Lahj, Hadhramaut.
- Carissa spinarum L. @ عرم، عنتور، لؤض (in *Willdenowia* 32: 239-269, 2002)
(syn. *Carissa edulis* (Forssk.) Vahl.)
Taiz, J. Bura', al Qaeda, Ibb, As Sayani, Dhisufal, Mutheikhira, An Najd al Ahmer, Al U'deyn, J. Sumara, Abdul Kuri, Al Mahara: Al Mahra: Coastal mountains between Al Faydami and Hawf and uppermost plateau of Jabal Chatan N of the village Con.
var. *tomentosa* Stapf. عرم (8)
Manakha.
- Catharanthus roseus Don. (3,8) وينكة
(syn. *Vicna rosea* L.)
Introduced: Ornamental .
- Caudanthera sinaica (Decaisne) Plowes (in *Haseltonia* 3: 58 1995)

- (syn. *Caralluma sinaica* (Decne.) Benth. & Hook. f (in Gen. Pl. 2: 782 (1876);
Caralluma maris-mortui Zohary, *C. sinaica* var. *baradii* Lavr. & Newton, (in
Cact. Succ. J. (U.S.) 51: 236 (1979).
Al Barh: 50 km W of Taiz.
- Ceropegia affinis* Vatke, (in Linnaeae 40: 218 (1876).
(syn. *Ceropegia angusta* (N. E. Br.), *Ceropegia atacorensis* (A. Chev.)
Soqotra
- Ceropegia arabica* H. Huber. ** (8) بكيرة غنمي
var. *abbreviata* Bruyns. ** (in Mems. Soc. Brot. 12: 138 (1957)
Rare: above Al H'adiyyah and Bani Dawa'n (J. Rayma), Suq Ar Ribat.
var. *arabica*. ** @
Widespread: An Nashama-Al Barakani (Taiz), al Qaedah-al Sayani, Damt, W.
Hijan (Haraz), near U'kaybir (J. Milhan), Maghrabah (W. Yur), Mafhaq, between
Khaywan and Al Harf, wadi La'ah.
var. *superba* (Field & Collen.) Bruyns ** (8)
(syn. *C. superba* Field & Collen.).
Al Misrakh (Taiz), W of Al Mahwit, Manakha.
- Ceropegia aristolochioides* Decne subsp. *defflersiana* Bruyns ** (8)
Taiz-Addimna, Al Hawban (Taiz), Tha'bat (J. Saber), Dhi sufal, Wadi Addur (Al
U'deyn), Wadi Liyah (Khawlan Ashsham), J. Rayma, between Zulmah and Ra'isi
(J. Hubaysh), between A'lujah and Kusmah (Rayma), Khawlan Ash Sham, above
Addalil, Ibb-Al U'deyn road.
- Ceropegia bulbosa* Roxb. (جزر الرعيان، روب (حوف) (in Pl. Cor. 1: 11. (1795)
(syn. *C. vignaldiana* A. Rich.).
Rare: Taiz-Ibb road, Al Hoban, al Qaedah-Dhi Assufal, Ba'adan, Al U'deyn, al
Mahwit, J. Rayma, N of Manakha, Al Mahara: Huf, Shahrut.
- Ceropegia foliosa* Bruyns * @ قهائن
Rare: N of Ibb, Dhi Sufal, W. Addur (Al U'deyn), Ba'adan, J. MAbyen (Hajjah)
- Ceropegia rupicola* Defl. * (8) خطام الجمل، بكيرة بقري
var. *rupicola*. * (in Voy. Yemen : 167 (1889)
J. Saber, Hayfan, J. Ghayami, Hajdah (west Taiz), J. Ayfu, N of al Qa'idah, Ibb –
Al U'deyn, J. Hubeish (NW Ibb), near Dan (Wussab al Ali), J. Masar (W of
Manakha), A'ttarah and Manakha (Haraz), NW of al Mahwit, J. Rayma, J.
Milhan, Wadi Al Ahjar (W of Sanaa), Damt, W. Hadud (near Manakha), near
Zulma, J. Al Arays (Abyen).
var. *stictantha* N. Taylor. * (8)
Rare: Al Qaedah
- Ceropegia sepium* Deflers. * (8)
Rare: J. Sumara, W. Mazeb near Manakha, J. Ba'adan, N of Ibb, Al Jirjir (SE Al
H'adiyyah), J. Shibam (Haraz), J. Rayma,
- Ceropegia somalensis* Chiov. (8)
Between Khamis bani Saad and Manakha, East of Bajil.
- Ceropegia subaphylla* K. Schum. (in Willdenowia 32: 239-269, 2002)
(syn. *Ceropegia botrys* K. Schum., *C. mansouriana* Chaudh. & Lav.). (8)
Al Mafraq (W of Taiz), Tihama foothills: At Tur basin (Hajjah), Hadhramaut.
- Ceropegia tihamana* Chaudh. & Lav. ** (in Notes RBG Edinb. 42(2):316 (1985)
Mawzaa near al Makha, Soqotra.
- Ceropegia variegata* (Forssk.) Decne. @ خطام الجمل دراعة الكلب
(syn. *C. tubulifera* Deflers, *C. devecchii* Chiov., *C. Devecchii* var. *Adelaidae*

- Bally, C. variegata var. cornigera Huber*).
Widespread. Taiz, Abs, E. of Bajel, Al Khalifa and Suq Al Khamis (Tihama), S of Al Barh, Sharab, al Misrakh, At Turba (Taiz), Lahj. W. Harad and Walajah (J. Milhan), J. Ar Ras, Bayt Al Komani, Sayun, Lawder, Lahj, Adhale'.
- Ceropegia yemenensis* Meve & Mang. * (in Bot. Jour. of the Linn. Society Vol.137 (1) 99-105
Dhamar, 20 km E and below of Ad Dann, Wussab al' Ali.
- Cibirhiza dhofarensis* C. Bruyns ** (in *Willdenowia* 32: 239-269, 2002)
Huf: Al Mahara.
- Crenulluma kalmbacheriana* (Lavr.) Plowes (in *Haseltonia* 3: 67 (1995) *
(syn. *Caralluma adenensis* (Defl.) Berg. (in *Stap. u. Klein*: 79 (1910); *C. kalmbacheriana* Lavr. (in *Cact. Succ. J. (U.S.)* 37:10 (1995), *Desmidorchis adenensis* (Defl.) Meve & Liede (in *Pl. Syst. Evol.* 234: 202 (2002)).
J. al Arays, N of Ashuraija, Hadhramaut
- Crenulluma arabica* (N.E.Br.) Plowes (in *Haseltonia* 3: 66 (1995)
(syn. *Caralluma arabica* N.E.Br. (in *Kew Bull.* 1895: 318 (1895)
Sowthwest escarpment, west of Taiz (e.g. Hajdah, Mafraq al Makha, and Maqbanah), Hadhramaut, al Mahara.
- Crenulluma awdeliana* (Defl.) Plowes (in *Haseltonia* 3: 66 (1995) **
(syn. *Caralluma awdeliana* (Defl.) Berger. (in *Stapel.u. Klein*: 81 (1910); *Boucerosia awdeliana* Defl. (in *Bull. Soc. Bot. Fr.* 43: 116 (1896); *Desmidorchis awdelianus* (Defl.) Meve & Liede (in *Pl. Syst. Evol.* 234: 202 (2002)).
Marib, Lowder-al Mukalla, Shabwa, Damt.
- Crenulluma rauhii* (Lavr.) Plowes (in *Haseltonia* 3: 67 (1995)
(syn. *Caralluma rauhii* Lavranos (in *Cact. Succ. J. (U.S.)* 37:106 (1965)
Hadhramaut : 3 km E Jidma on road from Al Mukalla to Wadi Daw'an
- Crenulluma dolichocarpa* (Schwartz) Plowes * (in *Haseltonia* 3: 67 (1995)
(syn. *Caralluma dolichocarpa* Schwartz. (in *Mitt. Inst. Allg. Bot. Hamburg* 10: 194 (1939)
Wadi Himem, Mukalla, Hadhramaut
- Crenulluma flava* (N.E. Br.) Plowes ** (in *Haseltonia* 3: 67 (1995)
(syn. *Caralluma flava* N.E.Br. (in *Kew Bull.* 1894: 335(1894)
Wadi Hadiea (Hadhramaut), Al Mahara, .
- Crenulluma lavrani* (Rauh & Wertel) Plowes * (in *Haseltonia* 3: 67 (1995)
(syn. *Caralluma lavrani* Rauth et Westel (in *Kakt. u.a. Sukk.* 4: 62 (1965)
Desmidorchis lavrani (Rauh & Wertel) Meve & Liede (in *Pl. Syst. Evol.* 234: 202 (2002)
Shabwa, Lawdar-al Mukalla **
- Crenulluma petraea* (Lavr.) Plowes (in *Haseltonia* 3: 67 (1995)
(syn. *Caralluma petraea* Lavr. (in *Cact. Succ. J. (U.S.)* 55 : 23-24 (1983)
Dhamar, Sanaa-Marib road.
- Cryptolepis arbuscula* (Radcl.-Sm.) ventner * (2 @) اقحن، صعطهل
(syn. *Mitolepis arbuscula* A.R.Smith.
Soqotra.
- Cryptolepis intricata* (Balf.f.) Ventner * (2@) اقحن، صعطهل
(syn. *Mitolepis intricata* Balf.f.)
Soqotra.
- Cryptolepis macrophylla* (Radcl.-Sm.) ventner * @ مثل، اكمايشه
(syn. *Curroria macrophylla* A.R.Smith.)

- Soqatra, Abdul Kuri.
Cryptolepis orbicularis Chiov. (2)
Soqatra.
Cryptolepis socotrana (Balf.f.) Ventner * (2) صبرا
(syn. *Socotranthus socotranus*)Balf.) Kuntze)
Soqatra
Cryptolepis volubilis (Balf.f.) Schwartz ** (2)
(syn. *Curroria decidua* Planch. ex Benth, var. *volubilis* (Balf.f.) Bullock)
Soqatra
Cryptolepis yemenensis Venter & R.L.Verh. * (in Willdenowia 32: 239-269, 2002)
J. Gedu: Shabwa, Hadhramout: Track from Al Mukalla to Bayn al Jibal and track
out of Wadi Dowan 1 km S of Al Khuraybah to Huwayrah, Al-Mahra: Jabal
Sharwayn 10 kmWof Qeshn, Fartak Mts, mountain ridge along the W coast and
Jabal Faydami, 15 kmWof Al Fatk, southern flank.
Cryptolluma edulis (Edgew.) Plowes (in Haseltonia 3:57 (1995)
(syn. *Caralluma edulis* (Edgw.)Benth. (in *Gen. Pl.*2: 782. 1876), *C. vittata*
N.E.Br. (in *Fl. Trop. Afr.* 4(1): 483 (1903); *Boucerosia edulis* Edgw, (in *J. Linn.*
Soc. 6: 205 (1862)
Rare: Majz.
Cylindrilluma solenophora (Lav.) Plowes (in Haseltonia 3: 63 1995) *
(syn. *Caralluma solenophora* Lavr. (in *J. S. Afr. Bot.* 29: 107 (1963);
Monolluma solenophora (Lavranos) Meve & Liede (*Pl. Syst. Evol.* 234: 203
(2002).
Lawdar, Mukeyras
Cynanchum gerardii (Harv.) Liede (2)
Soqatra
Cynanchum hastifolium N.E.Br. (8)
Rare, Mafhaq.
Cynanchum tetrapterum Turcz. (R.A.Dyer) (8)
(syn. *C. sarcostemmatoides* K.Schum.).
Taiz, J. Sawraq, wadi Addur, J. Rayma, Madinat Ashsharq, J. Bura', Haraz.
Cryptostegia grandiflora (Roxb. ex R. Br.) R. Br.
Introduced as ornamental
Desmidorchis penicillata (Deflers) Plowes (in Haseltonia 3: 58 (1995) غلف، خريير، ميبس
(syn. *Caralluma penicillata* (Defl.)N.E.Br.
Widespread: Tihama, Taiz, Radaa, Damt,al Baydha, Mutheikhira, Al Qafr,
Dhamar, Abyen, Hadhramaut.
Desmidorchis retrospecticiens Ehrenb. (in Abth. Königl. Acad. Wiss. Berlin 15: 30 (1832)
(syn. *Caralluma acutangula* (Decne.) N.E.Br. (in *Gard. Chron* 12: 369 (1892);
C. russeliana (Courb. ex Brongn.) Cuf. (in *Enum. Pl. Aeth.*: 30 (1969); *C.*
retrospecticiens (Ehrenb.) N.E.Br. (in *Fl. Trop. Afr.* 4(1):480 (1903); *C. hirtiflora*
N.E.Br.; *Desmidorchis acutangula* -Decne. (in *Ann. Sc. Nat. Ser.2* (9): 265(1838).
Taiz, Tihama, Hunesh island, Harf Sufyan, Taiz-Aden road ,W. Habab.
Dregea abyssinica (Hochst.) K.Schum (8)
(syn. *Marsdenia abyssinica* (Hochst.)Schlecht.).
Rare: Al U'deyn, J.Rayma.
Dregea schimperi (Decne. ex DC) Bullock. (8)
(syn. *Marsdenia schimperi* Decne.).

- Al Qaeedah, Ibb, Addalil, Damt, east Madina Ashsharq, J. Dhawran, J. Al Arays (Abyen).
- Duvalia anemoniflora* (Delf.) R.A.Dyer & Lavr. ? * (in Flow.Pl.Afr. 44:t.1734 (1976) (*syn. Caralluma anemoniflora* (Defl.)Berg, *Stapelia anemoniflora* Deflers).
J. al Arays.
- Duvalia somalensis* Lav. (in Cact. Succ. J. (U.S.) 43(2): 65 (1971) (8)
(*syn. Duvalia sulcata subsp. somalensis* (Lav.) Meve (in *The Genus Duvalia* (1997)
Al Mafraq (W. of Taiz), Ta'izz - Hodeida road ?
- Duvalia sulcata* N.E.Br. (in Kew Bull.1910 : 193 (1910) كسمح، جهدم كلاب ، ندي الكلية
subsp. *seminuda* Lav. (in Cact. Succ. J. (U.S.) 39: 5 (1967)
T'or Al Baha
subsp. *sulcata*
Tihama foothills: Attur, Taiz-Ad Dimna road, Adhale', Qa'tabah, Juban.
- Duvalia velutina* Lavr. (in Cact. Succ. J.(U.S.) 55: 24 (1983)
Taiz, Tihama.
- Duvaliandra dioscoridis* (Lav.) Gilbert (in Cact. Succ. J. Gt. Brit. 42: 101 (1980) * (2)
(*syn. Caralluma dioscoridis* Lavr. (in *Hook. Ic. Pl. 37: sub t. 3687* (1972).
Soqotra
- Echidnopsis bentii* N.E.Br. ex Hook.f. * (in Bot.Mag.127: t.7760 (1901)
Soqotra.
- Echidnopsis globosa* Thulin & Hjertson * (in Nord. J. Bot. 15(3): 261—262 (1995)
Al Mukalla-Sayun road (Hadhramaut), N Fartak Mts, track between Haswayn and
Ghaydah, pass (Al Mahara).
- Echidnopsis inconspicua* Bruyns (in Edinb. J. Bot. 61(1): 9 (2004)*
Soqotra
- Echidnopsis insularis* Lavr. (in Cact. Succ. J. (U.S.) 42: 36 (1970) * (2,6) طباش
Soqotra
- Echidnopsis milleri* Lavr. (in Cact. Succ. J. (U.S.) 65: 295 (1993) * (in Cact. & Succ. J.
(US) 65(6): 293-295 (1993)
Soqotra.
- Echidnopsis scutellata* (Defl.) Berger. (in Stap.u.Klein. 26 (1910)
Tihama foothills e.g. Al Mishrafa, al Mahwit, Bagel, Around Manakha, W. Shares
(Hajjah).
- Echidnopsis seibanica* Lavr. * (in J. S. Afr. Bot. 30: 88(1964)
Kor Seiban in the eastern plateau of Hadhramaut .
- Echidnopsis socotrana* Lavr. * (in Cact. & Succ. J. (U.S.) 65(6): 293-2295 (1993)
Soqotra.
- Echidnopsis squamulata* (Decne.) Bally. (in Kakt. u. a. Sukk. 14: 173 (1963)** اصابع ،
الحريرة، محجوش الجدة
(*syn. Ceropegia squamulata* Decne. (in *Ann. Sc. Nat. Ser. 2, 9: 263 t.9B* (1838).
al Ahkum, al Rahida, J. Habashi, Sharaab (Taiz), Al U'deyn, J. Ras, Adhale' .
- Echidnopsis yemenensis* Plowes (in *Haseltonia* 1: 71 (1993)
Tihama foothills e.g. Al Mishrafa, al Mahwit, Bagel, Around Manakha, W. Shares
(Hajjah).
- Ectadiopsis brevifolia* Balf.f. * (2,6)
Soqotra.
- Edithcolea yemenensis* Plowes *
near Mukalla.

- Edithcolea maculata* Plowes *
Tor al Baha
- Edithcolea sordida* N.E. Br. * (in Balf. f. Nat. Hist. Sokotra: 486 (1903)
Soqotra.
- Glossonema boveanum* (Decne.) Decne subsp. *nubicum* (Decne) Bullock. (2,8)
(syn. *G. nubicum* Decne)
Rare, Tihama foothills, al Maraqlsha, Safer-Al Ghaydha (al Mahara), Soqotra.
- Glossonema revoili* Franch. (2)
Soqotra, Abdul Kuri.
- Glossonema varians* (Stocks) Benth. ex Hook. @ فقيلون (حوف)، كاييش
(syn. *G. arabica* Deflers, *G. edule* N.E.Br.).
Al Barakani, Radaa, Yeslih pass, W. Dhahr, Aden, al Shihhr, Adhale', Yafea,
Hadhramaut, Huf (Al Mahara)
- Gomphocarpus fruticosus* (L.) R.Br. & Ait.f. @ سبيع، سببية
J. Saber, J. Habashi, Ibb, Dhisufal, Yarim, Assayani, Ibb-Al U'deyn road, S of
Jiblah, Ashshawaet', Mutheikhira, Baa'dan, Qa Jahran, Adhale', Yafea, Shibam,
Haraz, Al Mahara.
- Gomphocarpus sinaicus* Boiss. @ سبيع، سببية
High altitude areas: J. Saber (Taiz), Yerim, Dhamar, Sanaa, Hajjah .
- Gymnema sylvestre* (Retz.) R.Br. ex Schult. (8)
Rare: Above Suq As Sabt (J. Bura').
- Huernia arabica* N.E. Br. (in *Bull. Misc. Inform.*, Kew **1895**: 265 (1895). جهدم ناس.
J. Bura', Ibb, J. Milhan, Haraz, al Mahwit, Taiz, Al U'deyn, Adhale', Rayma.
- Huernia baradii* Plowes sp. nov. in press
An Najd Al Ahmar
- Huernia hadhramautica* Lavr. * (in J. S. Afr. Bot. 29: 99 (1963) OK
Mola Matr (Hadhramaut) (why is this in blue?)
- Huernia laevis* Wood. (in Kew Bull. 39: 128 (1984) OK
Rare: Khawlan, J. Marran, Al Ahjur.
- Huernia lodarensis* Lav. * (in J. S. Afr. Bot. 30: 87 (1964)
Aden, Lawdar, Addalil, Wadi Dhahr
- Huernia marnieriana* Lav. * (in J. S. Afr. Bot. 29: 97 (1963)
Aden, Jabel Al Arays, Lawdar, Wadi Salul (Audhale'), near Mukeyras, Mola Matr
(Hadhramaut)
- Huernia mccoysi* Plowes (in Cact. Succ. J. (U.S.) 75: 81—83 (2003).
Jabal Raymah
- Huernia rosea* Newton & Lavranos. * (in Cact. & Succ. J. (U.S.) 65(6): 279 (1993) ظفر الصرورة
Suq al Khamis on Sanaa-al Hudaydah road, w of Taiz: near Al Mafhaq, Ad
Dimna, 58 km W Sana'a, near Ad Dalil, N Ibb,
- Huernia rubra* Plowes * (in Asklepios 64: 20 (1995)
N of Rahida (SE of Taiz)
- Huernia yemenensis* Plowes * sp. nov. in press (@) شرور، جدمل
As Seiyani at base of Najd Al Ahmar Pass (30 km N Taiz); 10 km N Ibb; Qaida;
base of Sumara Pass N of Dalil
- Kanahia laniflora* (Forssk.) R.Br. كنج
Taiz, Tihama fothills, al Kod, Sanaa, medium altitude mountains, Gheil Omar
(Hadhramaut).
- Leptadenia arborea* (Forssk.) Schweinf. @ لوا
(syn. *L. heterophylla* (Del.) Decne, *Cynanchum arboreum* Forssk..).

- Tihama foothills, Taiz, Lahj, Aden, Adhale', Al Husha, Hadhramaut.
Leptadenia pyrotechnica (Forssk.) Decne. @ مرخ
Coastal areas, western low altitude area, and deserts.
- Marsdenia robusta* Balf.f. * (2)
Soqotra
- Monolluma cicatricosa* (Defl.) Plowes (Haseltonia 3:65 (1995)** مغزة
(syn. *Caralluma cicatricosa* (Defl.) N.E.Br. (in *Gard. Chron. ser.3, 12: 369 (1892)*)
Taiz, near Maaber, J. Milhan, Qa'tabah, Damt, Juban, Al Hussein, Al Husha, wadi
Annah, Wadi Al-Hadud (Manakha), Bayt Al Komani, J. al Arays.
- Monolluma quadrangula* (Forssk.) Plowes (Haseltonia 3:65 (1995) ** @ مغزة، فرع،
شاردر، خدمي، مرعز
(syn. *Caralluma quadrangula* (Forssk.) N.E.Br. , *Stapelia quadrangula* Forssk.,
Desmidorchis quadrangula (Forssk.) M.G.Gilbert,)
Widespread: Taiz, Dhamar, Hajjah , Sanaa, J. al Arays, Huf, Sa'dah, Amran, Al
U'deyn, Al Qafr, Assayani, Hadhramaut.
- Nerium oleander* L. دفلة
Introduced; gardens.
- Odontanthera radians* (Forssk.) Field (8)
(syn. *Steinheilium radians* (Forssk.) Decne.).
Tihama e.g. Hays & Bayt al Faqih, Ras Emran Island (Aden), west of Taiz, al
Mafraq, al Marawiah, Bajil, Abyen (near J. Al Arays).
- Orbea nardii* Raffaelli, Mosti & Tardelli,
(syn. *Orbea wissmannii* var. *parviloba* Bruyns (in *Aloe 37(4): 76, 2000*)
J. Rayma
- Pentatropis nivalis* (Gmel.) Field & Wood. (8) شنطب
(syn. *Asclepias forskalei* Roem. & Schult., *P. spinalis* (Forssk.) Decne.).
Taiz, Maqbanah, Tihama, J. Bura', J. Shamsan, Abyen, Lahj , Damt, Marib,
Hadhramaut .
- Pergularia daemia* (Forssk.) Chiov. @ دامية، غلقة
(syn. *Daemia angolensis* Decne, *P. extensa* (Jacq.) N.E.Br., *P. glabra* Forssk.).
Taiz, al Dhalaa, Lahj , Ibb, Yafea, Wadi Dahr, al Baydhah, Soqotra.
- Pergularia tomentosa* L. @ غلقة
Taiz, al Dhalaa, Abyen, Yafea, Lahj , Hadhramaut , Sa'dah, Marib, Soqotra.
- Periploca aphylla* Decne. @ مجش
Taiz, Damt, Harf Sufyan.
- Periploca somalensis* Browicz (in *Willdenowia 32: 239-269, 2002*)
(syn. *Periploca brevicoronata* Goyder & Boulos. (in *Kew Bull. Vol.46(1)134: 1990*)
Between Iryan and Rihab, Kor Seiban: Hadhramaut.
- Periploca visciformis* (Vatke) K.Schum. (8)
Western mountains, Taiz, J. Sawraq, Sa'dah, Shabwa, Hadhramaut, Soqotra.
- Plumeria acuminata* Ait. (8) ياسمين هندي
Introduced; gardens.
- Rhazya stricta* Decne. (1,3,8) حرمل
Marib , Hadhramaut , Shabwa, al Mahara.
- Rhytidocaulon ciliatum* Hanacek & Ricanek (in *Asklepios 80: 19 (2000)*).
Al Barh to Mafraq al Hodeida road junction; Taiz-Turbah road
- Rhytidocaulon fulleri* Lavr. & Mortimer
Ra's Huweira (Hadhramaut)

Rhytidocaulon macrolobum Lavr.

subsp. macrolobum ** (in. Cact. & Succ. J.(U.S.) 39: 3 (1967)

Rare: Al Barh, Taiz-Addiman, & W. Adhabab (Taiz), Damt, Wadi Dhahr, Lawdar.

subsp. minimum Meve & Collette (in Edinb. J. Bot. 56(1): 79-84 (1999)

Huwayran, Hagdah

Rhytidocaulon mccoysi Lavr. & Mies * (in Cact. & Succ. J. (U.S.) 73:299-303 (2001)

Mola Matr, SE of Ra's Huweira (Hadhramaut)

Rhytidocaulon sheilae DV Field (Kew Bull.36(1): 51-53 (1981)

15 km NE Taiz; Rahida; Mola Matr (Hadhramaut)

Rhytidocaulon splendidum Mccoy * (in Cact Succ J (US) 75:154-157 (2003)

Tor al Baha, Wadi Ma'adin (NW of Aden)

Rhytidocaulon tortum (N.E.Br.) M.G. Gilbert (in. Cact. & Succ. J.(U.S.) 71(2): 81-85 (1990)

(syn. *Caralluma torta* N.E.Br. (Bull. Misc. Inform., Kew 1901: 142 (1901).

Hadhramaut, Lawder, Hayd al-Arqub

Sanguillum socotrana (Balf. f.) Plowes @ حرمهم جرباق مُش

(syn., *Caralluma socotrana* (Balf.f.) N.E.Br., *C. rosengrenii* Vierh., *Monolluma socotrana* (Balf. f.) Meve & Liede, *Boucerosia socotrana* Balf.f.),

Soqotra.

Sarcostemma arabicum Bruyns & Forster. @ مرويد، الب، ريده

Al Barh, Shibam, J. Bura', Sumara.

Sarcostemma areysianum Bruyns * (South African Journal of Botany 77 (2011) 801-804

Jabal Al Arays , Al Audhali Plateau, above Wadi Araf and east of Al Mukalla (Hadhramaut).

Sarcostemma forskalianum Schult. ** (in Syst. Veg. 6: 117(1820).

Western medium Altitude Mountains.

Sarcostemma socotranum Lav. * (2)

Soqotra

Sarcostemma vanlessenii Lavr. @ رضع

(syn. *S. subterranea* Adams & Holland)

High altitude: Dhamar, Russaba, Sanaa, J. Rayma, Manakha, Mukayras, S of al Madhan (Hadhramaut).

Sarcostemma viminale (L.) R.Br. subsp. stipitaceum (Forssk.)Meve & Liede (in Bot. J.

Lin. Soc. 120:32 (1995) @ مرويد، ريده، الب، رضع

(syn. *S. stipitaceum* (Forssk.)Schult.)

Widespread: Tihama, Tihama foothills, Taiz, Al Barh, Hagda, Shara'b, J. Habashi, Mawiya, Al Rahida, Al Hujeriyah, Dhisufal, Assayani, Addalil, Al U'deyn, Qa'taba, Al Qafr, Lahj, Radaa, Damt, al Dhalaa, Al Husha, Jihaf, Al Hussein, Damt, Juben, Abyen, Hadhramaut, Soqotra.

Secamone cuneifolia Bruyns * (6)

Soqotra

Secamone socotrana Balf.f. * (2,6)

(syn. *S. socotrana* var. *glauca* A.R. Smith., *S. socotrana* var. *socotrana* Balf.f.).

Soqotra

Socotrella dolichocnema Bruyns & A.G.Miller (in Novon 12: 330(2002) * (2)

Soqotra

Strobopetalum benti N.E.Br. (3)

(syn. *S. carnosum* N.E.Br.)

- Jia'ar (Abyan)
Sulcolluma foulcheri-delboscii (Lavranos) Plowes * (in Haseltonia 3: 62 (1995)
(syn. *Caralluma foulcheri-delboscii* Lavr. (in Journ. S. Afr. Bot. 30. 21., 1964)
Kor Seiban, Mola Matr, Hadhramaut
var. greenbergiana Lavr. (in Cact. Succ. J. (U.S.) 39:6 (1967)
Mukeiras
Sulcolluma hexagona (Lav.) Plowes), *(in Haseltonia 3: 62 (1995)
(syn. *Caralluma hexagona* Lav. (in Cact. & Succ. J. (US) 51 : 236 (1979)
Caralluma foulcheri-delboscii Lavr. var. *greenbergiana* Lavr. *Monolluma hexagona* (Lavranos) Meve & Liede (in Pl. Syst. Evol. 234: 203 (2002)
Al Ma'adan (Audhali Plateau), Rahida, Ad Dimnah,
var. septentrionalis Lavr. & Newton. * (in Cact. & Succ. J. (U.S.) 51: 233 (1979)
Wadi Dhahr (N of Sana'a), Sana'a-Marib road, N of Raydah, Radaa, Nahim.
Sulcolluma shadhbana (Lavr.) Plowes (in Haseltonia 3: 62 (1995)
(syn. *Caralluma shadhbana* Lavranos (in Fl. Pl. Afr. 44: t.1743 (1977)
Wadi Shadhb W of Manakha
Telosma africana (N.E.Br.) N.E.Br. (8)
(syn. *Pergularia africana* N.E.Br.)
Wadi Adhabab (S of Taiz).
Thevetia peruviana (Pers.) K.Schum. (1,3,8)
(syn. *T. neriifolia* A. Juss. Ex Steud.)
Introduced; gardens.
Tylophoropsis heterophylla (A.Rich.)N.E.Br. (8)
(syn. *T. yemensis* (Deflers)N.E.Br.)
High mountains: J. Saber, Ibb, J. Alloz, J. Shibam, J. Maswer, al Boun.
Vincetoxicum linifolium Balf.f. * (2) إقيين
(syn. *Cynanchum linifolium* (Balf.f.)Bullock. (6)
Soqotra
ARACEAE
Arisaema bottae Schott. (8) دخاف
J. Saber, Dhi Assufal, Utuma, J. Milhan, J. Maswer.
Arisaema flavum (Forssk.) Schott. (8) دخاف
J. Saber, Assayani, W of Jibla, WE of Kitab, E of Yari, Adhale', Yafea.
Colocasia esculenta (L.)Schott. @ كركم، كرن، كركر، كرية، هريرة، قرقيس
(syn. *C. antiquorum* Schott.)
Low & medium altitude mountains, Soqotra.
Remusatia vivipara (Roxb.) Scott. (2)
(syn. *Arum viviparum* Roxb.)
NE of Hawf, Near Yemen/Oman border (Al Mahara), Soqotra
Sauromatum venosum (Ait.)Kunth. (8)
Rare : W. Addur (Al U'deyn), Al H'adiyyah.
ARALIACEAE
Cussonia holstii Harms ex Engl. (8) خوين
High altitude areas: Al U'deyn. J. Saber, J. Milhan, J. Ba'adan, Ibb, Haraz.
ARECACEAE (PALMAE)
Areca catechu L. (3) فوفل
Cultivated in Hadhramaut .
Borassus aethiopicum Mart. (2) جوز الهند

- (syn. *B. flabelliformis* L.)
Cultivated: Aden , Hadhramaut, Soqotra
Cocos nucifera L. @ نارجيل
Cultivated
Hyphaene thebaica (Del.) Mart. @ دوم، بهش، طاري، صم
(syn. *H. guineense* Schum. & Thonn. *Corypha thebaica* L)
Coastal areas, Shabwa
Livistonia carinensis (Chiov.)Dransfield & N.Uhl. (3) صم، انتوج
(syn. *Wissmannia carinensis* (Chiov.)Burret).
Endangered. W. Hajer: Hadhramaut, Wadi Al-Himae: Shabwa
Nannorrhops ritchieana (Griffith)Ait. @ طاري صغير
Al Ghaydha-Tarim road, Between al Mahar and Hadhramaut
Phoenix caespitosa Chiov. @ اير، شجى، شطب
(syn. *P. arabica* Buttett).
On dry vallies such as Al Hujeriyah, J. Bura', Assayani, W of Jiblah, J. Rayma, al Hujariyah, Damt, Wadi Al-Himae: Shabwa, al Hus'ein.
Phoenix dactylifera L @ نخيل
Coastal areas, medium altitude mountains, eastern mountains, Hadhramaut, Soqotra
Phoenix reclinata Jacq. (5) شجى، شطب
(syn. *P. abyssinica* Drude)
Tihama foothills.
Remusatia vivipara (Roxb.)Schott. (ref. Thulin et al, in press)
Al Mahara
Washingtonia filifera (Linden ex Andre) H. Wendl. @ نخيل كاذب
(syn. *Pritchardia filifera* Linden ex Andre)
Introduced as ornamental: e.g. Taiz, Aden.
- ARISTOLOCHIACEAE**
Aristolochia bracteolata Lam. @ لوعية، لاعية، قرضة، غاغة
(syn. *A. bracteata* Retz.)
Coastal areas, Tiham foothills, Taiz, Adhale' , Yafaa, Abyen, Lahj, Hadhramaut
Aristolochia rigida Duch. (3) شجرة الذباب، لاعية
Hadhramaut .
- ASPARAGACEAE**
Asparagus africanus Lam. @ مصهد، مصهوب
(syn. *A. mitis* A. Rich., *A. sidamensis* Cufod).
Western mountains and high plateau, Taiz, Soqotra, Abdul Kuri, Samha.
Asparagus falcatus L. (8)
At Turbah, Al H'adiyyah, Al U'deyn, J. Raymah, J. Bura', J. Milhan.
Asparagus officinalis L. (8)
Cultivated.
Asparagus racemosus Willd. (8)
(syn. *A. petitianus* A. Rich.)
J. Bura'.
Asparagus virgatus Baker. (8)
J. Milhan.
- ASPHODELACEAE**
Asphodelus fistulosus L.
(*A. tenuifolius* Baker., *A. fistulosus* var. *tenuifolius* (Cav.)Baker.) (8)

Yesleh, J. Sumara, Dhawran, Shiharah, Khamer, Raydah, al Bon, Abyen, Hadhramaut.

ASPLENIACEAE

Asplenium adiantum-nigrum L. (7)

Aden, J. Hisn madram, Wusab Al Ali, Manakha, J. Annabi Shua'ib, .

Asplenium aethiopicum (Burm.f.) Bech. @

(syn. *A. filare* (Forssk.) Alston, *A. praemorsum* Swartz).

J. Saber, S of Taiz, SE of Manakha, W. Bana, Qa Al Haql, near Al Mahwit, Hajjah , Amaran, J. Ta'aker above Jiblah, Wusab, Ibb, Hagher (Soqotra).

Asplenium protensum Schrad. (7)

Very rare: Western mountains e.g. J. Milhan.

Asplenium rutifolium (Berg.)Kunze. var. *bipinnatum* (Forssk.)Schelpe. (7)

Very rare: Western mountains.

Asplenium schweinfurthii Baker * @

Soqotra

Asplenium trichomanes L. (7)

Taiz, Ibb, Wadi Nahemi Attara, Manakha, Soqotra.

Asplenium varians Hook. & Grev. subsp. *fimbriatum* (Kune)Sche. (7)

Very rare: J. Rayma, Al H'adiyyah.

Asplenium viride (Burm.) Bech. (5) {doubtful record} ?

Shibam.

Ceterach cordatum (Thunb.) Desv. (in Englera 28: 57-77, 2006)

(syn. *C. phillipsianum* Kum , *Asplenium phillipsianum* (Kumm.) Bir.) (7)

Soqotra.

Ceterach dalhousiae (Hook.)C.Chr. (7)

(syn. *Asplenium dalhousiae* Hook.).

Rare: J. Milhan, J. Bura', al Muhwit, J. Habashi, Al H'adiyyah.

Ceterach officinarum DC. (7)

(syn. *Asplenium ceterach* L., *C. cordatum* auct.).

Al Qafr, High mountains & plateau areas.

ASTERACEAE (COMPOSITAE)

Achillea biebersteinii Afan. @

Cultivated in Ibb

Acanthospermum hispidum DC. @

Introduced: Taiz, Soqotra, Al Mahara.

Achyrocline glumacea (DC.) Oliv. & Hiern. (8)

(syn. *Helichrysum glumaceum* DC., *Achyrocline luzuloides* Vatke).

High altitude areas: Dhamar, Hizyaz, Manakha, Russaba, NE Sanaa, near Ba'dan,

Achyrocline schimperi Sch. Bip. ex A.Rich. (8)

(syn. *Helichrysum schimperi* (Sch. Bip. ex A.Rich.)Moes.). (2)

High altitude areas: J. Alloz, Soqotra.

Achyrocline stenoptera (DC.) Hilliard & Burt (8)

(syn. *Helichrysum stenopterum* DC.).

High altitude areas: J. Saber, J. Ba'adan, J. Manar, Wusab al Ali, J. Milhan.

Adenostemma cafferum DC. (8)

Dhisufal, Ba'adan, Al U'deyn, W. Bana, Manakha, Haraz, al Mahwit, al Ahjor.

Ageratum conyzoides L. @

Al Mishrafa, J. Rayma (Tiham foothills), Soqotra.

Anthemis cotula L. (5) ?

- (syn. *Maruta cotula* DC.
Qa Jahran, Dhamar, Bait al Alam, J. Al Mahdad, W of Amran, Hajjah .
Anthemis tigreensis J. Gay ex. A.Rich. (8) (in Mitt. Bot. Munchen 18:401-442 (1982).
(syn. *A. yemensis* Podl., *A. abyssinica* var. *tigreensis* (J.Gay ex A.Rich.) Chiov.).
Huth, Reydah, Hizyaz, Sanaban- Jabel Isbil road,(Dhamar), near Kitab, J. Annabi Shua'ib.
- Artemisia abyssinica* Sch. Bip. ex Oliv. & Hiern @ سويخ، ريحان، بعيثران
J. Saber, J. Annabi Shua'ib, Shahara, J. Ta'aker, J. Hubaysh, Manakha, N of Dhamar, Yerim, Kitab.
- Artemisia arborescens* L (8) ريحان
Cultivated as a potherb
- Aspilia helianthoides* (Schum. & Thonn.) Oliv. & Hiern. subsp. *ciliata* (Schum.) Adams. (8)
Tihama foothills, J. Habashi, Ibb.
- Aspilia kotschyi* (Sch. Bip. Ex Hochst.) Oliv. (8)
Al U'deyn, al Makhadir, Rihab, Wussab, J. Bura', Haraz, al Muhwit.
- Atractylis carduus* (Forssk.) C.Chr. (8)
(syn. *A. flava* Desf.).
Sanaa, Bani Harith, Nihim.
- Atractylis kentrophylloides* (Bak.) F.G.Davis. ** (8)
(syn. *A. yemensis* Podl. *Carduncellus kentrophylloides* Baker).
Raydah, Hajjah , Radaa, J. Gedu (Shabwa), Hadhramaut .
- Baccharoides schimperi* (DC.) Isawumi et al., (in Grana 35:205–230, 1996)
(syn. *Vernonia abyssinica* Sch. Bip., *Vernonia schimperi* DC.) @
Westren mountains, Ba'adan, W of Al Mahwit.
- Bidens bipinnata* L. (8) شبيث
Haraz, Ibb, Dhi Sufal, Al U'deyn, Ba'adan.
- Bidens biternata* (Lour.) Merr. & Sherff. @
(syn. *B. abyssinica* Sch.-Bip.)
Ibb, Dhamar, Hajjah, Lahj, Yafea, Soqotra.
- Bidens pilosa* L. @
Dhamar, J. Saber, al Dhalaa, Al Qafer, Wadi Dhahr: Sanaa, Soqotra.
- Blainvillea acmella* (L.) Philipson (in Englera 28: 57-77, 2006)
(syn. *B. dichotoma* (Murray) Luetzelb., *B. gayana* Cass. *B. Rhomoidea* Cass.) (8,2)
Rihab, Wussab, Haraz, Soqotra.
- Blumea aurita* (L.f.) DC. (8)
(syn. *Laggera aurita* (L.f.)DC.).
Wussab Assafel, Jiar.
- Blumea bovei* (DC.) Vatke (8)
(syn. *B. abyssinica* Sch.-Bip. ex A.Rich.).
Sirwah, Damt, high plateau.
- Blumea lacera* (Burm.f.) DC. (8)
Rare: Al Qaedah, Al U'deyn, Ibb, Haraz, W. Addur.
- Calendula arvensis* L. @
(syn. *C. aegyptiaca* Desf., *C. micrantha* Tineo et Guss., *C. parviflora* Raf.).
J. Saber, Taiz, Manakha, Shahara, Dhamar, Russaba, Qaa Jahran, Mukairas.
- Carthamnus tinctorius* L. (8) قرطم
Cultivated: Arhab, Thubhan (al Hujariya).
- Centaurea dhofarica* Baker ** (in Willdenowia 32 – 2002)
Al Mahara: Coastal mountains between Al Faydami and Hawf.

- Centaurea pseudosinaica* Czerep. subsp. *niebuhrii* Wagenitz. @ سنافة
Taiz, Dhamar, Hajjah, Saada, Dhamar, Yerim, Raydah, Yasleh: S. Sanaa.
- Centaurea schimperi* DC. (8) سنافة
Manakha, Haraz, E. of Radaa, W. Dhahr, Saada.
- Centaurea yemensis* Wagenitz. * (8)
Between At Turba & Shergab, W. Aduf (Al Hujariya).
- Centaurothamnus maximus* (Forssk.) Wagen. & Dittr. ** @ بياض، خمبب، سنيام، برود
(syn. *C. maxima* Forssk.).
J. Saber, Ibb, Sumara, Ba'adan, J. Ta'ker, Mashwara, Mutheikhira, Yerim,
Adhale' Manakha, Shibam, W. Habab, Radaa, near Qashin, Al Mahara.
- Chrysanthellum americanum* (L.) Vatke. (8)
Al Rahidah & al Misrakh, W. Adhaba (Taiz), Al U'deyn.
- Chrysanthemum coronarium* L. (8) أقحوان
Cultivated in gardens: Sanaa, Dhamar, Yerim, al Tawilah.
- Cichorium bottaie* Defl. ** @ مرار
Yerim, Dhamar, N. Sanaa, Shahara, Khawlan Ashsham.
- Cichorium endivia* L. (8)
Cultivated: Sanaa.
- Cineraria abyssinica* Sch. Bip. ex A. Rich. @
High mountains: J. Saber, J. Maswer, Manakha, SW Yerim, Kawkaban, J. Annabi
Shua'ib.
- Cirsium vulgare* (Savi.) Ten. (8)
(syn. *C. lanceolatum* (L.) Scop.).
High mountains areas: Ibb, al Qaeda, J. Shibam, Manakha, Yafaa, Abyen, Hajjah .
- Conyza aegyptiaca* (L.) Ait. (8)
Sanaa, Manakha, Hajjah .
- Conyza bonariensis* (L.) Crong. @ سويخ
(syn. *Erigeron linifolius* Willd., *Erigeron bonariensis* L.).
Hajjah , Dhamar, Muthaikhira, W. Dhahr.
- Conyza gouanii* (L.) Willd. (8)
Rare: Dhamar, Al Ahkub (S. Taiz), Muthaikhira, Wussab al Ali.
- Conyza hochstetteri* Sch. Bip. ex A. Rich. @
Widespread on the mountain areas, Soqotra.
- Conyza incana* (Vahl) Willd. @ بياض
Taiz, Jiblah, Dhamar, J. Milhan.
- Conyza pyrropappa* Sch. Bip. ex A. Rich. subsp. *Pyrropappa*. @
(syn. *Microglossa angolensis* Oliv. et Hiern, *Microglossa pyrropappa*
Taiz, Ibb, Dhamar,
- Conyza steudelii* Sch. Bip. ex A. Rich. (8)
Rare: J. Milhan, J. Manar, Kawkaban.
- Conyza stricta* Willd. (8)
(syn. *C. triloba* Decne).
Abyen, Sanaa, Dhamar, Haddah, S. Jiblah, Hajjah .
- Conyza tigrensis* Sch. Bip ex Oliv. & Hiern. (8)
Rare: High plateau.
- Conyza variegata* Sch. Bip ex A. Rich. (8)
High mountain areas: J. Saber, J. Maswer, J. Alloz.
- Cosmos bipinnata* Cav. (8)
(syn. *C. bipinnatus* Cav.)

- Cultivated in gardens: Sanaa.
Crassocephalum crepidioides (Benth.) S.Moore (8)
(syn. *Gynura crepidioides* Benth.).
Rare: Al U'deyn, Ibb, J. Bura', J. Milhan.
Crepis rueppellii Sch.Bip. @ مرار
(syn. *C. forskalii* Babe., *C. abyssinica* (Sch. Bip.) Schweinf. & Asch.).
J. Saber, Yerim, J. Sumara, J. Ta'kar, Jibla, Shibam, Kawkaban, J. Razeh,
Shahara, Khawlan, Hajjah, Manakha, J. Hisn, Lahj, A. Amran.
Cyanthillium cinereum (L.) H.Rob. (2)
(syn. *Vernonia cinerea* (L.) Less. *Vernonia cinerea* (L.) Less. var. *parviflora*
(Reinw.) DC. *Chrysocoma ovata* Forssk.). @ 8
Tihama foothills, J. Bura', medium altitude mountains, Huf al Mahara, Soqotra?
Cynara cardunculus L. (ref. Tadesse, M., 2004)
(syn. *C. scolymus* L.) (8)
Cultivated: Tihama foothills, Sanaa.
Dendranthema indicum (L.) Desmoul (8) الأفيون
(syn. *Chrysanthemum indicum* L.).
Cultivated in gardens: Sanaa.
Dichrocephala chrysanthemifolia (Blume) DC. ** (8)
(syn. *D. chrysanthemifolia* var. *chrysanthemifolia* (Blume) DC.)
High mountains areas: J. Saber, Hajjah, Raydah, al Mahwit, Soqotra.
Dichrocephala integrifolia (L.f.) O.Kuntze. (8)
(syn. *D. latifolia* DC.).
J. Rayma, Manakha, al Mahwit.
Dicoma cana Balf.f. * (2,6)
Soqotra
Dicoma schimperi (DC) Baill. ex O. Hoffm. (ref. Tadesse, 2004) @
(syn. *Hochstetteria schimperi* DC)
Hadhramaut, Al Mahara
Dicoma tomentosa Cass. (8)
Rare: W. Ayn Ali (Hajjah), Soqotra.
Distephanus qazmi N.Kilian & A.G.Mill * (2) Willdenowia 30: 83-91. 2000. غريد
Soqotra
Echinops spinosissimus Turra. @ شوك بورة، جرداب
(syn. *E. spinosus* L., *E. boranensis* Lanza, *E. viscosus* (DC.)).
Taiz, Shibam, Turra., al Dalaa, Harib, al Jawf, Lahj .
Eclipta prostrata (L.) L. @
(syn. *E. alba* (L.) Hassk.).
Tihama, Aden, Taiz, Al Qafr, Hajjah, Khamis Bani Sa'd, Firmihin, W Qalansia
(Soqotra).
Euryops arabicus Steud. @ شجرة الكنس، صبر، حمية، اثار، مسيكران
(syn. *Jacobaeastrum arabicum* (Steud.) Kuntze, *E. hildebrandtii* Mattf., *E.*
socotranus Balf.f., *E. pinnifolius* A. Rich., *Caraea pinifolia* Hochst. ex Steud.)
J. Saber, at Turba, Aden, Dhamar, J. Azzan (Baa'dan), Khidar (Yasleh), west of
Yarim, Hadhramaut, Shabwa, Khawlan Ashsham, Soqotra.
Felicia abyssinica Sch. Bip. ex A.Rich. جعشن
subsp. *abyssinica*. (8)
J. Saber, Sanaa, Dhamar, Ba'adan, Ibb, J. Ta'ker, Yarim, Hajjah, Rayda, Kuhlan
Affar.

- subsp. *dentata* (8)
(*syn. F. richardii* Vatke.).
J. Saber, Dhamar, Hajjah , Sanaa, Shibam.
- Filago abyssinica* Sch. Bip. ex A. Rich. (8)
J. Ta'aker (Ibb).
- Filago prolifera* Pomel. (8)
J. Sumara, J. Shibam, W. Shalalah (Yerim), Amran.
- Flaveria trinervia* (Spreng.) Mohr. (1,8) مخربة، صبر المار، ورد المير، باردة (1,8)
(*syn. F. repanda* Lag.).
Taiz, Ibb, Dhamar, Sanaa, Hajjah , Lodar, Lahj , Hadhramaut .
- Galinsoga parviflora* Cav. (8)
Introduced: Ibb, Haraz, Manakha, Abyen, Hagher (Soqotra).
- Geigeria alata* (DC.) Oliv. & Hiern. (8)
Rare: Al Jawf, Al Dhalaa, Hadhramaut .
- Gnaphalium polycaulon* Pers. (8)
Hajjah .
- Gnaphalium unionis* Sch. Bip. ex Oliv. & Hiern. (8)
J. Sumara, J. Manar, Dhamar, Qa Bakil, al Mahwit.
- Guizotia scabra* (Vis.) Chiov. (8) باردة
(*syn. G. schultzii* Hochst. ex Sch. Bip.).
subsp. *scabra*
Taiz, Jibla, Ibb, Haraz, Al U'deyn, Shibam.
subsp. *schimperi* (Sch. Bip.) J. Baagoe.
Ibb, Dhi Sufal, Sumara.
- Helianthus annuus* L. دوار الشمس، عباد الشمس
Cultivated.
- Helichrysum aciculare* Balf.f. * (2,6)
Soqotra
- Helichrysum arachnoides* Balf.f. * (2,6)
Soqotra, Samha.
- Helichrysum arwae* J.R.I. Wood. *
High altitude mountains e.g. J. Ta'aker, J. Manar, Jibla.
- Helichrysum balfourii* (Balf.f.) Vierh. * @ كيدينو
(*syn. H. gracilipes* Oliver & Hiern var. *stoloniferum* Balf.f.)
Soqotra.
- Helichrysum foetidum* L. var. *microcephalum* A. Rich. (8)
High altitude mountains e.g. J. Saber, Sumara, Ibb, E of Yerim, E of Kitab, W of
Jiblah, J. Ta'ker, His'n Hab, Dhamar, al Hadah.
- Helichrysum forskahlii* (J.F. Gmel.) Hillia. & Burt. (8)
al Mahwit
- Helichrysum gracilipes* Oliv. & Hiern. (2,6)
Soqotra
- Helichrysum nimmoanum* Oliv. & Hiern * (2,6) لينهن
Hagher (Soqotra).
- Helichrysum nudifolium* (L.) Less. (8)
Ibb, Haraz, J. Ta'aker, Rayma.
- Helichrysum paulayanum* Vierh. * (2,6)
(*syn. H. gracilipes* Oliver & Hiern var. *lanatum* Balf.f.)
Soqotra

- Helichrysum pumilum* (Klatt.) Moes. @ ليفة
(syn. *H. somalense* Bak. f.).
Sa'dah, al Hugariya. Yasleh, N. Sanaa, al Dhalaa, Yafea, Sanaa, Raydah, Dhamar,
Hadhramaut .
- Helichrysum rosulatum* Oliv. & Hiern * (2,6)
Soqotra
- Helichrysum sphaerocephalum* Balf.f. * @ مالبونهن
(syn. *Helichrysum sphaerocephalum* var. *sarmentosum* Balf.f.)
Soqotra
- Helichrysum suffruticosum* Balf.f. * @ سبنهم
Soqotra
- Iphiona anthemidifolia* (Bak.) A.Anderb. * (1,3)
(syn. *Hirschia anthemidifolia* Bak)
Al Mukalla-Sayun road and Shibam (Hadhramaut).
- Iphiona scabra* DC . (1) ضويلة
Aden, Abyen, al Dhalaa, al Maraqisha (Abyen), Hadhramaut, Al Mahara.
- Iphiona senecionoides* (Bak.) A. Anderb. ** (4)
(syn. *Grantia senecioides* E..G.Baker)
Mukayras (Abyen), W Eydid (Hadhramaut).
- Iphiona teretefolia* A.Anderb. * (3) No scientific names matching this name ??
Hadhramaut
- Iphiona vierhapperi* Schwartz. (3) No scientific names matching this name ??
(syn. *Grantia vierhapperi* Scharztz)
- Kleinia deflersii* Defl. * (in Kew Bull.39: 318 (1984)
(syn. *Kleinia obesa* (Deflers) P. Halliday, *Senecio deflersii* O. Schwarz).
V. rare: J. al Arays
- Kleinia odora* (Forssk.) A.Berger @ إذخر، خنعر، قهام، بخار
(syn. *Cacalia odora* Forssk. , *Kleinia polycotoma* Chiov. (Podlech 1982) ,
Senecio odoratus (Forssk.) Schultz).
Widespread: Taiz, Ibb, Dhamar, SW Ma'bar, Sanaa, Huth, Manakha Lahj, Hajjah,
al Dhalaa, Abyen, Hadhramaut, Al Mahara.
- Kleinia pendula* (Forssk.) Seh.Bip. S. (8) كعض، كسمع الكلب، كسمع الحمار، أذان
(syn. *Cacalia pendula* Forssk., *Senecio pendulus* (Forssk.) Schultz-Bip.) .
Taiz, Shamir, Dhisufal, Damt, al Qae'dah, Hays, J. Jinan, Demt, al Husha,
Hadhramaut, Al Mahara.
- Kleinia saginata* P. Halliday ** (in Willdenowia 32: 239-269, 2002)
Al Mahara: Fartak Mts, track between Haswayn and Ghaydah
- Kleinia scottii* (Balf.f.) P.Halliday * @ عليط
(syn. *Senecio scottii* Balf.f.)
Soqotra.
- Kleinia semperviva* (Forssk.) DC. @ طفلق
(syn. *Senecio semperviva* (Forssk.)Sch.Bip.) .
High altitude areas: J. Sawraq, J. Habashi, J. Rayma, J. Hissn Madan, Wussab al
Ali, W. of Amran, Bayt Al Komani, J. Maswer. Dhamar, Yesleh, Manakha.
- Kleinia squarrosa* Cufod. (in Willdenowia 32: 239-269, 2002)
(syn. *Senecio polytomus* (Chiov) Jacobsen subsp. *squarrosus* (Cufod.) Rowley)
Shabwa, Hadhramaut, Al Mahara.
- Lactuca inermis* Forssk. @
(syn. *L. capensis* Thunb, *L. yemensis* Deflers).

- J. Saber, Sumara, Shibam, Hajjah, Yerim, SE Dhamar, Ibb, Saada, NW al Muhwit, Manakha, Qa Jahran, al Dhalaa, NE Amran.
- Lactuca sativa* L. @ سلطة
Cultivated.
- Lactuca serriola* L. @
Al Qaeeda, Madinat Ashsharq, W. Bana, Haraz, Lahj , Yafaa, Abyen.
- Lagascea mollis* Cav. (8)
Introduced: Western escarpment: al Mahabishah.
- Laggera alata* (D.Don) Sch-Bip. ex Oliv. (8)
Damar.
- Laggera crispata* (Vahl) Hepper & Wood. (8)
(syn. *L. pterodonata* (DC.) Sch. Bip. ex Oliv. & Hiern, *L. purpurascens* (A.Rich.) Sch.Bip, *Conyza crispata* Vahl, *Blumea crispata* (Vahl) Merxm..)
High escarpment, W. Dhahr, Khamer, Baa'dan, Suhban.
- Laggera decurrens* (Vahl) F.N.Hepper & Wood. @ شندق
(syn. *Conyza arabica* Willd, *Blumea garipeppina* DC.).
Dhamar, Huth, Saada.
- Launaea almahrahensis* N.Kilian. ** (in ENGLERA 17, PP. 339, 1997)
J. al Arays, Hadhramaut .
- Launaea angustifolia* (Desf.) O.Kuntze. (3) {doubtful record} ?
(syn. *Atalanthus angustifolius* (Desf.) Pomel, *Sonchus angustifolius* Desf.)
Hadhramaut .
- Launaea brunneri* (Webb) Amin ex Boulos (8)
(syn. *L. chevalieri* O.Hoffm. & Muschl., *L. integrifolia* Hagerup, *Sonchus chevalieri* (O.Hoffm. & Muschl.) Dandy, *S. prenanthoides* Oliv. & Hiern.,).
Harib.
- Launaea capitata* (Sprenq.) Dandy (8)
(syn. *L. glomerata* (Jaub & Spach) Hook, *Sonchus mareoticus* Delile).
Wadi Dahr, Bani Hushaysh, between Arrawdha and Bani Haradh, al Hudaydah,
Hadhramaut, E of Modiah.
- Launaea castanosperma* F.G.Davies. ** (in Kew Bull. 33:294, 1979)
Hadhramaut : Upper Wadi Skoui, from Mukalla to Sayun, ascent on the Jol,
roadsides, Al Mahara : Jabal Sharwayn, 10 km W of Qishn
- Launaea crassifolia* (Balf.f.) C. Jeffrey. (2,3)
(syn. *Lactuca crasifolia* Balf.f, *L. kossmatii* Vierh, *L. paulayana* Vierh , *L. salehensis* Vierh).
W of al Mukalla (Hadhramaut), Ras Fartak (Al Mahara), NE of Qalansiyah:
Soqotra, Abdul Kuri.
- Launaea crepoides* Balf.f. * (2,6)
Rare: Soqotra
- Launaea fragilis* (Asso) Pau. subsp. *asirensis* N.Kilian. ** (in ENGLERA 17, PP. 339, 1997)
(W. Dhahr) Sanaa, J. Shamsan (NE of Sanaa), Sanaa, J. Isbil, Mukeiras-al
Baydhah road, Shelaan-Shibam.
- Launaea hafunensis* Chiov. (2)
(syn. *L. cufodontii* Lanza).
Hadhramaut, Al Mahara, Soqotra, Abdul Kuri.
- Launaea intybacea* (Jacq.) Beauv. (2,8)

- (syn. *Lactuca arabica* Jaub. & Spach, *L. goraensis* (Lam.)Schultz-Bip., *Sonchus goraensis* Lam.).
Tihama coastal area, Aden, Manakha, Hajjah, Lahj, al Mukalla, Sayoun, Yafea, low altitude mountains, Ataq-Nisab road, Soqotra.
- Launaea massauensis* (Fresen.) Sch. Bip. ex Kuntze. (1,8)
(syn. *L. kuriensis* Vierh., *L. lactuoides* (T.Ander.)E.H.L.Krause., *Brachyrhamphus lactuoides* T.Ander., *Heterachaena massaviensis* Fresen.,)
Taiz, Aden, Al U'deyn, NW of Ibb, al Dhalaa, Lahj, Hadhramaut, Yafaa, Abyen, J. Gedu (Shabwa), Soqotra.
- Launaea mucronata* (Forssk.) Muschl. (8)
(syn. *L. resedifolia* subsp. *mucronata* (Forssk.)Maire, *Leontodon mucronatum* Forssk., *Zollikoferia mucronata* (Forssk.)Boiss).
J. Shamsan NE. Sanaa, Waalan, Yaslih, Arhab, Bani Hushaysh, Khamer-Huth, Harib, Marib.
- Launaea nudicaulis* (L.) Hook.f. (8)
(syn. *Lactuca nudicaulis* (L.)Murray, *Lomatolepis nudicaulis* (L.)Cass)
Taiz, Manakha, al Bon, Sanaa, J. Isbil (Dhamar), J. Madram, al Kod, Hajjah , Amran, above Qashin (Al Mahara).
- Launaea petitiana* (A.Rich.) N.Kilian. (in ENGLERA 17, PP. 339, 1997)
Taiz, SW of Sanaa.
- Launaea procumbens* (Roxb.) Ramayya & Rajgopal. (in Kew Bull. 23: 465, 1969)
(syn.*L. fallax* (Jaub. & Spach)Muschl., *Lactuca obtuse* (DC.)Mundhe & Almeida, *Prenanthes procumbens* Roxb,).
Abyen, N of Lahj, Yafaa, Adhale', W. al Jawf, Aden, N of Radaa, Hadhramaut .
- Launaea rhynchocarpa* (Balf.f.) B. Mies * (6)
(syn. *Lactuca rhynchosia* Balf.f.). (2)
Soqotra, Abdul Kuri
- Launaea socotrana* N.Kilian * (2)
Soqotra
- Launaea spinosa* (Forssk.) Sch. Bip. ex Kuntze. (3) {doubtful record} ?
(syn. *Atalanthus spinosus* (Forssk.)D.Don, *Prenanthes spinosa* Forssk.)
Hadhramaut (e.g. above Qashin).
- Macowania ericifolia* (Forssk.) Burt & Grau. @
High altitude mountains: J. Saber (Taiz), J. Ta'ker (Ibb), Kawkaban, Haraz.
- Melanthera abyssinica* (Sch. Bip. ex A.Rich.) Oliv. & Hiern. (8)
(syn. *Wurschmittia abyssinica* Sch. Bip. ex A.Rich.).
Rare: Ibb, Al U'deyn.
- Onopordon arabicum* Podl. (in Mitt. Bot. Munchen 18:401-442 (1982). شوك النش.
(syn. *O. carmanico* (Bornm.)Bornm.)
High altitude mountains: J. Saber, Sanaa, Dhamar, Lahj, Yafaa, Abyen.
- Orbivestus cinerascens* (Sch.Bip.) H.Rob. (2)
(syn. *Vernonia cinerascens* Sch. Bip., *V. luederitziana* O.Hoffm., *V. squarrosa* Dinter ex Merxm. *V. spathulata* Hochst.). (8)
Tihama foothills, J. Bura', Radaa, Huth, Nihm, Manakha, Ras Fartak (Al Mahara), Soqotra.
- Osteospermum muricatum* E.Mey. (8)
High altitude areas: Sanaa, Khawlan Ashsham, Amran, Rayda, Huth, Saada, Khamer.
- Osteospermum vaillantii* (Decne.) Norl. @ معنفة، زهرة الليل

- (*syn. Tripteris racemosa Balf.f, T. vaillantii Decne.*)
Widespread: J. Saber, J. Sumara, Assayani, Mashwara, Jibla, ArRabadi, Dhisufal, Ashshawaet', Yarim, Al makhader, Dhamar, Hajjah, Kulan Affar, Sanaa, Manakha, Rayda, Soqotra.
- Parthenium hysterophorus L. (in Willdenowia 32: 239-269, 2002)
Introduced: Al Mahara
- Pegoletia senegalensis Cass. (8)
Taiz, Manakha, N. Sanaa, Lahj, Hadhramaut .
- Pentzia arabica Thulin * (in Nor. J. Bot. 21(3): 249-252 (2000)
Mola Matar (Hadhramaut)
- Perrolderia coronopifolia Cass. (3)
Shabwa, Hadhramaut
- Phagnalon harazianum Deflers. * (8)
(*syn. Conyza tomentosa Schwar. .*)
J. Saber, near At Turbah, Shibam, Haraz, al Mahwit, W of Amran, near Manakha, J. Annabi Shua'ib.
- Phagnalon retecta Qaiser & Lack. * (in Willdenowia 15: 3-22 (1985)
Manakha, Shibam.
- Phagnalon schweinfurthii Sch. Bip. ex Schweinf.
var. androssovii (B.Fedtsch.) Qaiser & Lack. (in Willdenowia 15: 3-22, 1985)
(*syn. P. androssovii B.Fedtsch.*)
J. Jihaf in Adhale'
- Phagnalon stenolepis Chiov. (@ see also Qaiser, M. & Lack, W. , 1985)
(*syn. P. scalarum Schweinf. ex Schwartz., P. scalaram Schweinf. ex Schwartz var. meridionale (Quezel)Wickens, P. scalaram Schweinf. ex Schwartz subsp. Glaucum Mire & Queze P. tibesticum Chevass. & Quezel, P. tibesticum Chevass. & Quezel subsp. Meridionale Quezel, l*)
Al Hujariyah (Taiz), Sumara, Ba'adan, Sanaa, near Aden, Hajjah , Muthaikhira, Shibam, Yerim, Dhamar, Amran-Huth, al Ahjur.
- Phagnalon woodii Qaiser &Lack. * (in Willdenowia 15: 3-22 (1985)
J. Saber, J. Annabi Shua'ib, Jiblah.
- Phagnalon yerrimense Qaiser & Lack. * (in Willdenowia 15: 3-22 (1985)
SE of Yerim
- Picris scabra Forssk. ** @ مرار
(*syn. Deckera scabra (Forssk.) Sch.*
subsp. *abyssinica* (Sch. Bip.) M. Smalla
(*syn. Picris abyssinica Sch.*)
J. Saber, Negd al Ahmar pass (Ibb-Taiz), Ibb, Dhamar, S. Amran, Sanaa, al Boun.
subsp. *scabra* *
- High mountains above c. 2400 m in the Taiz-Yerim region
- Piloselloides hirsuta (Forssk.)C.Jeffrey (8)
(*syn. Gerbera piloselloides (L.)Cass.*)
At Turbah, J. Milhan, Sumara pass.
- Pluchea arabica (Boiss.) Qaiser & Lack. ** (3)
(*syn. P. laxa E.G.Baker, P. multiflora Schwartz, Varthemia arabica Boiss., Iphiona arabica (Boiss.) Benth., Phagnalon arabicum (Boiss.) Boiss.,*)
Hadhramaut: wadi A'dem, Ghayl Ba Wazir, Sayhut – Qishn road, W of Qishn, S of Nishtun(Al Mahara).

Pluchea glutinosa Balf.f. * (26,)

Soqatra.

Pluchea dioscorides (L.) DC. (8) عثرب

(*syn. Baccharis dioscoridis* L., *Conyza dioscoridis* (L.) Desf., *Conyza krausii* Sch. Bip. ex Walpers, *Conyza modatensis* Sch. Bip. *Conyza dmioscoridis* (L.) Desf. var. *arabica* Deft., *Pluchea krausii* (Sch. Bip.) Sch. Bip. ex Steetz., *Pluchea dioscoridis* var. *glabra* Oliver & Hiern, *Blumea baccharoides* Sch.,).

Tihama, J. Bura', Taiz, Taiz -AtTurbah road, Hays- AlUdayn, Al Hodeidah-Sanaa road, W. Tuban, W. Dhahr (Sanaa), J. Habashi, Lahj , Saada, Abyen, Hadhramaut

Pluchea indica (L.) Less.

(*syn. Baccharis indica* L., *Conyza corymbosa* Roxb., *Eupatorium foliolosum* Wall., *Pluchea foliolosa* DC.)

subsp. subsp. *indica*

Hadhramaut: Al Mukalla-Aden road, Near al Mukalla, Wadi Adem NE of Ghayl Ba Wazir, Tarim, Al Mahara.

subsp. *yemenensis* * 3, @

E of Aden, Abyen, N of Lahej, Wadi Bana, E of Mudia, Zingibar, Lowder, E of Mudia, Wadi Hajr, W of Mukalla, N of Meifa,

Pluchea obovata Balf.f. * @ فجهن

Soqatra

Pluchea sordida (Vatke) Oliv. & Hiern. (8)

(*syn. Laggera sordida* Vatke, *Pluchea bequaertii* Robyns Hithran (w of Taiz).

Prenanthes amabilis Balf.f. * (26,)

Soqatra

Pseudognaphalium luteo-album (L.) Hillia. & Burt. (8)

(*syn. Gnaphalium luteo-album* L.).

Taiz, high plateau, Amran.

Psiadia incana Oliver & Hiern (in Willdenowia 34: 159-182, 2004)

Hadhramout: S facing rocky slope above Wadi Shahora,

Psiadia punctulata (DC.) Vatke @ قليلة، فتح

(*syn. Nidorella punctulata* Dc., *P. arabica* Jaub & Spach, *P. resiniflua* (Hochst. Steud. ec DC.).

Taiz, Sumara, Dhamar, Adhale', Hajjah, Ibb, Shabwa, Hadhramaut.

Psiadia schweinfurthii Balf.f. * (26,)

Soqatra

Pulicaria argyrophylla Franchet subps *argyrophylla* Franch. (1)

(*syn. P. areysiana* Defters, *P. leucophylla* E.G.Baker.).

Hadhramaut, al Mahara.

subsp. *oligophylla* (Gamal-Eldin) N. Kilian & P. Hein

(*syn. Pulicaria argyrophylla* var. *oligophylla* Gamal-Eldin

Sayun-Al Mukalla road (Hadhramaut)

Pulicaria aromatica (Balf.f.) King-Jones & N. Kilian * (2)

(*syn. Pluchea aromatica* Balf.f.) * (6,)

Soqatra

Pulicaria cylindrica (Bak.) O. Schwartz. ** (3)

(*syn. Iphiona subulata* E.G.Baker)

Sayun, Al Mahara.

Pulicaria disocoridis R. Atkinson * (2)

- Soqotra
Pulicaria diversifolia Balf.f. * (2,6)
(syn. *P. shoabensis* Vierh.).
Soqotra
- Pulicaria elegans Gamai-Eldin * (2,6)
Soqotra
- Pulicaria gamal-eldinae N. Kilian & P. Hein * (in Willdenowia 29: 167-185. 1999)
Al Mahra: Ras Fartak, Jabel Sharwayn, Huf.
- Pulicaria grandidentata Jaub. & Spach. * (8)
High mountain areas: J. Taakar, J. Shibam (Haraz)
- Pulicaria inuloides (Poir.)DC. (8)
(syn. *P. arabica* (L.)Cass. subsp. *inuloides* (Poir.) Maire, *Pulicaria longifolia* Boiss.).
Taiz, Ibb, Nihm, Hadhramaut, al Dhala, Hajjah, Sanaa, Haraz, Lahj .
- Pulicaria jaubertii Gamal-Eldin. @ خوعة، عنصيف، مونة، مشموم
(syn. *P. orientalis* Jaub. & Spach.).
Widespread: Tihama, Tiham foothills, Hagdah, Shara'b, Al Hujeriyah, Dhisufal, W of Yarim, Al Qafr, Assayani, Ashue'ib, Qa'taba, Damt, Al Ussein, Adhale', Al Husha, Dhamar, Abyen, Lahj, Lawdar, Marib, Hajjah, Amran
- Pulicaria lanata Gamal-Eldin. * @ ريب
Soqotra
- Pulicaria lancifolia Schwartz. * (4)
Hadhramaut
- Pulicaria nivea Schwartz * (4)
J. Al Arays (Abyen), Hadhramaut
- Pulicaria nobilis Gamal-Eldin ** (in Willdenowia 32: 239-269, 2002)
J. Fartak above Uteiq (Al Mahara)
- Pulicaria omanensis Gamal-Eldin ** (in Willdenowia 29: 167-185. 1999)
N of Ras Sharma (Hadhramaut), between Jadib and Damqut and Fartak-Damqut road (Al Mahara)
- Pulicaria petiolaris Jaub. & Spach. (8)
Taiz, Sanaa, Rayda, Di Assifal, W of Yarim, Ashawaet', Hajjah, Dhamar, Yasleh, Manakha, Lahj, Adhale' .
- Pulicaria rauhii Gamal-Eldin. * (4)
Hadhramaut
- Pulicaria schimper DC. (3)
(syn. *P. ehrenbergiana* Schult. Bip., *P. rueppelii* Schul-Bip.)
Zabid, Hadda (Sanaa), Yafea, Lahj, J. Al Arays, Hajjah, al Mahwit, Hadhramaut.
- Pulicaria somaliensis O. Hoffm. @ زار
(syn. *P. adenensis* Schweinf., *P. glutinosa* Jaub. & Spach. (3)).
Taiz (al Hujeriyah, Bani Omar & al Barh), Aden, Khawlan Ashsham, Shabwa, Hadramout.
- Pulicaria stephanocarpa Balf.f. * @ طباط
Soqotra, Abdul Kuri, Samha.
- Pulicaria undulata (L.) C.A.Mey. @ جنجات، منيح، سكب، شويلة، سعنتف
(syn. *P. crispa* (Forssk.)Benth. & Hook., *Francoeria crispa* (Forssk.)Cass.).
Widespread: Taiz, Ibb, Dhamar, Amran, Hajjah, Hadhramaut, Lodar (Lahj), Sanaa, Abyen, Qa'tabah, Demt, Juban, Adhale', Shabwa, Al Mahara. .
- Pulicaria vieraeoides Balf.f. * (2,6) طباط

- Soqatra
Reichardia tingitana (L.) Roth. لبان، خصار البتول، مرار
var. arabica (Hochst. & Steud.)Asch. & Schweinf. @
J. Saber, Dhamar.
var. subintegra Boiss. (3)
Yafaa, Abyen, Lahj, Yafea, Adhale', al Boun, Soqatra.
Sclerocarpus africanus Jacq. ex Murr. (8)
Tihama foothills, Al U'deyn, Wussab, Huf (Al Mahara).
Scorzonera tortuosissima Boiss. (5)
NE Dhamar.
Scorzonera musilii Velen. ** (8)
(syn. *S. yemensis* Podl.). (in Mitt. Bot. Munchen 18:401-442 (1982).
Sanaa, Arhab-Amran road, near Rayda, Sanaa-al Hudayda, Wadi Dhahr, al
Boun, Hajjah, Yasleh, Majz, Harib.
Senecio asirensis Boulos & Wood. ** (in Kew Bull. Vol. 38(3)491(1983)
J. Rازه and J. Marran (Khawlan Ashsham).
Senecio glaucus L. (8)
(syn. *S. desfontainei* Druce).
W. Addur.
Senecio hadiensis Forssk. @ خضرايه
(syn. *Senecio petitianus* A. Rich., *Senecio parkeri* Baker)
J. Saber, Ibb, Dhi Sufal, Assayani, S'uhban, Ibb-Al U'deyn road, Mashwara,
Jibla, Ashshawaet', E of Kitab, Yerim, Manakha, Haraz, J. Sumara, Al H'adiyyah.
Senecio haraziansis Defl. * (8)
Haraz, J. Milahan, Maswer, Hajjah , Ibb, J. Shibam, J. Rازه, Manakha, J.
Marran, Kuhlan.
Senecio lyratus Forssk. (8)
(syn. *Cineraria schimperi* Sch. Bip, *S. lyratipartitus* A. Rich., *S. auriculatus* Vahl.).
Ibb, w of Jibla, Annajd Al Ahmer, E of Yarim, al Mahabisha, Thisufal.
Senecio schimperi Sch. Bip. ex. A. Rich. (8)
(syn. *S. biflorus* Vahl).
Yerim, Ibb, Sa'dah, Khawlan, Dhamar, J. Shibam above Manakha, Hajjah , (Qarn
Al Waal, Sanaa-Al Hudaydah, Manakha, Haraz.
Senecio sumarae Defl. ** @
Sumara, Ibb, J. Saber, J. Maswer, above w. Daud, s of J. Annabi Shua'yb, J.
Ta'aker, sw of Sanaa, Wussab al Ali.
Senecio vulgaris L. (8)
J. Saber, Yerim, Sanaa, Bawan. .
Seriocarpus linifolius (L.) B.S.P. (in FNA Vol. 20 Page 101, 103)
(syn. *Conyza linifolia* (Willd) Taechk.) @
Taiz, Abyen, Hajjah .
Siegesbeckia orientalis L. @
Al Misrakh & Adhabab (Taiz), Al U'deyn, Hajjah , w of Amran, J. Maswer,
Soqatra.
Solanecio angulatus (Vahl) C. jeffrey (ref. Tradesse, 2004) خضراية الجمل
(syn. *Senecio bojeri* DC., *S. subscandens* Hochst., *Cacalia angulata* Vahl.,
Crassocephalum bojeri (DC.) Robyns). (8)
Ibb, Jibla, W of Dhisufal.
Sonchus asper (L.) Hill. (8)

- High mountains: J. Saber.
Sonchus oleraceus L. @ طلب
Mawzaa, Taiz, Dhamar, Haddah, Yafaa, Abyen, Lahj , Marib, Hadhramaut ,
Soqotra.
Sonchus saudensis Boulos. ** (8)
J. Saber, Dhamar, Yerim, Wusab, Jabel Bura'.
- Tagetes erecta* L. (8) نرجس
Cultivated.
Tagetes minuta L. @ نرجس بري، شقر الحمير، جفيش، خزام
Introduced and Widespread: Taiz, Ibb, Dhisifal, Assayani, Kitab, Annajd Al
Ahmer, Ba'dan, J. Sumara, Dhamar, Sanaa, Yerim, Hajjah , Amran, Sa'da, Lahj,
Adhale', Juban, Damt, Qa'taba, Al Husha, Jihaf, Yafea, Hadhramaut .
- Tagetes patula* L. (8) نرجس
Cultivated.
Tanacetum parthenium (L.) Sch (8)
(*syn. Chrysanthemum parthenium* (L.) Bernh.).
Cultivated in gardens
Taraxacum officinale Weber s.l. (8)
Introduced, naturalised in lawns, Sanaa.
Tarhonanthus camphoratus L. @ مقار، قمير، بياض، اصراخ، عرعره
(*syn. T. abyssinicus Schweinf & Asch.*)
Al Hujariyah and Naqil Ebil, Aba'r (Taiz), al Dhala, Jihaf (Adhale'), Khawlan, J.
Bura', J. Al Arays (Abyen), Al U'deyn, J. Gedu (Shabwa), Hadhramaut.
- Tolpis altissima* (Balb.) Pers. (8)
W. al Ahjor, al Mahwit.
Tridax procumbens L. @ ميال، حشيشة الراعي، مخربة
Introduced: Taiz, Al Hujariya, J. Bura', Ibb, J. Sumara, Al Qae'ida, Al U'deyn, Al
Qafr, Mutheikhira, Qa'taba, Al Husha, Hajjah , Manakha, Haraz.
Urospermum picroides (L.) Scop. ex Schmidt. (8)
(*syn. Tragopogon picroides* L.)
Tihama foothills, Amran, Shibam.
Verbesina encelioides (Cav.) A.Gray. @
Introduced: Taiz, Sanaa, Hajjah .
Vernonia amygdalina Del. (8)
(*syn. V. eritreana Klatt, V. adenossticta Fenzl. ex Walp.*)
Rare: Al Qaeedah, Ibb.
Vernonia arabica F.G.Davia. @
Al Qabettah (S. Taiz), Aden, Hadhramaut, Al Mahara .
Vernonia areysiana Defl. * (4)
J. al Arays, Hadhramaout
Vernonia bottae Jaub. & Spach. * @
Tha'bat (J. Saber), Dhubhan (At Turbah), South Mashwara, Shawaet, W of Jiblah,
near Khalawah (J. Sawraq), J. Bura'.
Vernonia cockburniana Balf.f. * @ جفه
Soqotra
Vernonia leopoldii (Sch. Bip. Ex Walp) Vatke. (8)
High altitude areas: Al Aerus (J. Saber), Ibb, Manakha, Haddah, J. Sumara.
Vernonia spathulata (Forssk.)Sch. Bip. @ كشحة
(*syn. V. atriplicifolia Jaub. & Spach*).

Taiz, Al H'adiyyah, Sanaa-Manakha road, W al Khassaf (Aden), Jihana, Lahj , Al U'deyn, Adhale', Hadhramaut, w of lawder, Huf (Al Mahara) .

Vernonia unicata C.Jeffrey * (2,6)

Soqotra

Volutarella dhofarica Wagenitz ** (ref. Thulin, M. et al in press)

Huf al Mahara, Soqotra

Volutaria abyssinica (Sch. Bip. ex A.Rich.) C.Jefrey ex Cuf.

(*syn. Centaurea hochstetteri* (Buch.)Oliv. & Hiern.).

Hajjah , al Mahabisha, Sa'dah.

Volutaria albicaulis (Defl.) Wood. ** (8)

(*syn. Centaurea albicaulis* (Defl.)Schwartz.).

Ar Rabeis'ah (near At Turbah), Najd Dhamran, J. Eraf, Shibam, Reydah, Amran,

Wadi Dahr, J. Al Arays (Abyen), Hadhramaut.

Volutaria lippii Cass. (2)

(*syn. Volutarella lippii* Cass.)

Soqotra

Volutaria socotrensis Wagenitz, * (in Englera 28: 57-77, 2006)

Socotra: Hamaderoh, limestone escarpment east of Homhil, 400 m,

Xanthium spinosum L. @ شوك تركي، حسك

Introduced: Tihama foothills, Taiz, Ibb, Dhisufal, Damt, Dhamar, Mukairas, Yafaa..

Xanthium strumarium L. @ حادي جزب، لزيق، حودق

(*syn. X. brasiliicum* Vellozo).

Introduced: Tihama foothills, Taiz, Lahj, Al Azareq; Abyen, Ibb, Dhamar.

AVICENNIACEAE

Avicennia marina (Forssk.) Vierh. (8) شورى، شارة

(*syn. A. officinalis* L.)

Al Luhayya, Bir Ali, S. of Yakhtol, Al Mahara, Soqotra.

BAISAMINACEAE

Impatiens balsamina L. @

Huf (Al Mahara).

BARBEYACEAE

Barbeya oleoides Schweinf. (8) كمب

J. Saber, J. Bura', J. Milhan, Haraz, J. Rayma, al Mahwit, Khawlan.

BALANITACEAE

Balanites aegyptiaca (L.) Del. (8) هليج، إهليج، صر

Tihama plain, S. of Taiz, Shabwa, Hadhramaut .

Balanites rotundifolia (Van Tiegh.)Blatter. (3) ?

BASELLACEAE

Anredera cordifolia (Tenore)Van Steenis. (8)

(*syn. Boussingaultia cordifolia* Tenore).

Manakha, cultivated in Sanaa.

Basella alba L.

Cultivated.

BEGONIACEAE

Begonia samhaensis M.Hughes & A.G. Mill. * (2)

Samha island

Begonia socotrana Hook.f. * @ سيبربر

Diksam & Hagher (Soqotra).

BERBERIDACEAE

Berberis holstii Engler (7)

(*syn. B. forskaliana* C.K. Schneid, *B. petitiana* C.K. Schneider).

Shibam, J. Saber, J. Razeh, J. Alloz, S of Sanaa, Manakha.

BIGNONIACEAE

Kigelia pinnata DC. (3) المشطورة أو أبو النجف

Introduced

Millingtonia hortensis L.f. (3)

Introduced, Aden

Rhigozum somaliense Hall.f. (8) صنص

Maqbana (W. of Taiz), Tihama foothills, southern Tihama, Wussab, NW of Rodoum:, Shabwa.

Stereospermum kunthianum Cham. (8)

V. rare: J. Bura', W. Sukhna.

Tecoma stans (L.) H.B.K. (8) تيكوما

Introduced. Taiz.

Jacaranda mimoseifolia D. Don. (8)

Introduced.

BOMBACEAE

Adansonia digitata L. شجرة الغريب، شجرة المداع

Dubaa area (S. Taiz), Bani Dawaan (J. Raymah), W. Hajr (Adhale'),

Hadhramout: At the village Ad Diz, c. 20 km E of Shehr.

Ceiba pentandra (L.) Gaertner. حرير، قطن، ديباج

Introduction: Tihama, Tihama foothills, Taiz, Adhale', Lahj, Al Udain, Hajjah.

BORAGINACEAE

Alkanna orientalis (L.) Boiss. (8) ليبد، حنة الضبع، سكب

Sanaa, Dhamar, Labus (Yafea), Yerim, Sanafan, Huth, Hajjah, Rayda.

Anchusa aegyptiaca (L.) DC. ?

Tihama, Tihama foothills.

Anchusa arvensis (L.) Bieb. subsp. *orientalis* (L.) Nordh. (8)

(*syn. Lycopsis orientalis* L.). (5)

High altitude areas e.g. Yerim, Qa Bakil, Dhamar.

Arnebia hispidissima (Lehm.) DC. @ كبة

Yerim, Dhawran, Sanaa, Hadhramaut, Soqotra.

Cordia africana Lam. طناب

(*syn. C. abyssinica* R.Br.).

Taiz, Ibb, Sumara, Dhamar, W. Habab (Madinat Ashasharq), Hajjah ah.

Cordia crenata Del. subsp. *crenata* (in Willdenowia 32: 239-269, 2002)

J. Bura', Al Mahara, Soqotra. Abyan: Jabal Arays

Cordia monoica Roxb. (in Willdenowia 32: 239-269, 2002) عصب، عزراط، صبنصر، غرف، عملج

عملج

(*syn. C. ovalis* R.Br. ex DC *C. dioica* Boj.). (8)

J. Bura', J. Milhan, Haraz, J. Rayma, J. Tur, Al U'deyn, SE al Rahidah, J. al

Arays, al Maraqisha, J. Gedu (Shabwa), Al Azareq, Adhale', Hammam Ali.

Cordia nevillei Alston (in Willdenowia 32: 239-269, 2002)

13 km N of Hemiar (Hadhramaut), Al Mahara: Jabal Faydami

Cordia obovata Balf.f. (2) ابطة، ابطن

Soqotra

Cordia obtusa Balf.f. (2) ابطة، ابطن

- Soqatra.
Cordia quercifolia Klotsch. (8) غرف، سحل، عنب جهال (8)
(syn. *C. sinensis* Lam. *C. gharaf* Ehrenb. ex Aschers., *C. rothii* Roem. & Schult.).
Yafrus, SE al Rahida, Zabid, , Surdud, Tihama foothills, Abyen, Sayhut-Qashin,
Soqatra.
Cynoglossum bottae Deflers. ** (in Notes RBG Edinb. 41(3):473 (1984)
(syn. *Paracynoglossum bottae* (Defl.) R.Mill & AG.).
Utuma, Dhawran, NE of Dhamar, Hadda, Haraz, Saada-Khawlan, between
Kawkaban and Shibam, W of Amran under Jabal Miswar., SW of Sanaa, J.
Milhan, J. Rازه, J. Al Arays (Abyen),
Cynoglossum lanceolatum (Forssk.) R.Mill. يباس (in Notes RBG Edinb. 41(3):474 (1984)
(syn. *Paracynoglossum lanceolatum* (Forsk.) R.Mill.).
J. Saber, At Turba, Ibb, J. Sumara, J. Hisn Madnan (Wusab), Al H'adiyyah
(Rayma), Yafea, Sanaa, N. Dhamar, Dhi Assufal, J. Annabi Shua'ib, Shaharah,
Manakha, J. Shibam, above Suddah (wadi Bana), Ibb-Al U'dayn road, Haraz,
Raymah, N of Al Qa'ala, J. Rازه, Khawlan Ash Sham,
Cynoglossum sabirens (R.Mill & A.G.Miller) Wood. * (in Notes RBG Edinb.
41(3):476 (1984)
(syn. *Paracynoglossum sabirens* R.Mill & A.G. Miller)
Rare: J. Saber, J. Manar (N of Ibb), Shirnama (SE Hajjah), J. Maswer.
Cynoglossum yemenense (R.Mill & A.G.Miller) Wood. * (in Notes RBG Edinb.
41(3):480 (1984)
(syn. *Paracynoglossum yemenense* R.Mill & A.G.).
J. Saber, J. Mashwara and J. Manar (N of Ibb), J. Sumara, W of Yerim, Kusuma,
Shibam, J. Annabi Shua'ib, Wusab, J. Hisn Madnan (Wusab).
Cystostemon heliocharis (S.Moore) A. G. Miller & Reidl.
(syn. *Vaupelia heliocharis* (S.Moore) Brand). (5)
Rare: Huth, Raydah.
Cystostemon kissenioides (Delf.) A.Miller & H.Riedl. * (3)
(syn. *Vaupelia Kissenioides* (Dekl.) Brand).
J. al Arays, al Maraqisha, Hadhramaut.
Cystostemon socotranus Balf.f. * (2,6)
Soqatra
Echiochilon arabicum (Schwar.) I.M.Johns. ** (3)
(syn. *Tetraedrocarpus arabicus* Schwar.).
S of Al Mukalla (Hadhramaut)
Echiochilon callianthum Lonn **
Hadhramaut
Echiochilon longiflorum Benth. (3)
Aden: Al Kalo'a: , Hadhramaut: Wadi Skoui.
Echiochilon persicum (Burm.f.) I.M.Johnst. (2)
(syn. *Echiochilon strigosum* (Defl.) I.M.Johns. (3)
Hadhramaut , Soqatra
Echiochilon pulvinata A.G.Mill. & L.Urb. * (2) فزقز
Soqatra
Echium rauwalfii Del. 8 لسان الثور
(syn. *E. longifolium* Delile, *E. sericeum* Vahl.).
Dhamar, Sanaa, Sumara near Addalil, Huth, near Madinat Ashsharq.
Ehretia cymosa Thonn. @ غرف، عرف

- (*syn. E. abyssinica R.Br.*).
Taiz, Al Qa'idah, Ibb, Al Sayani, Al Dalil, Tihama foothills, western mountains.
- Ehretia obtusifolia* Hochst. ex DC. @ مسوق
(*syn. Ehretia obvata R. Br.*)
Tihama foothills, SW of Taiz, J. Al Arays, Soqatra.
- Gastrocotyle hispida* (Forssk.) C.B. Clarke (Podlech, D, 1982)
Dhamar, Hizyaz.
- Heliotropium adenense* Gurke. (3) ??
Sayun – al Mukalla (Hadhramaut)
- Heliotropium aegyptiacum* Lehm. (2,6)
(*syn. Heliotropium cimaliense Vierh.*)
Tihama, Soqatra..
- Heliotropium arbainense* Fresen. (3)
Arrayyan – Sayun (Hadhramaut)
- Heliotropium azzanum* O.Schwartz. * (3)
Aden, East Shuqra (Abyan), Lahj, Adhale' .
- Heliotropium bacciferum* Forssk. (Podlech, D. 1982) رمرام
(*syn. H. undulatum Vahl*) (3)
Tihama, Ataq (Shabwa), Hadhramaut, Hajjah, Sanaa, Rayda.
- Heliotropium balfourii* Guercke * @ مسوتت، شويج، شوتت
(*syn. H. odorum Balf.f.*)
Soqatra.
- Heliotropium bottae* Deflers. * (8) رمرام
Taiz, Lahj , al Baydha, Adhale' , al Maraqisha, Hadhramaut .
- Heliotropium congestum* E.G.Baker. (3) ?
Al Ghaydhah (al Mahara)
- Heliotropium deflersii* Schwartz. * (3)
Gold Mor (Aden)
- Heliotropium derafontense* Vierh. * (2)
Soqatra
- Heliotropium dentatum* Balf.f. * (2)
Soqatra
- Heliotropium digynum* (Forssk.) Asch. & Christ. (8)
(*syn. H. luteum Poir.*).
Aden, W. Bayhan, NW of Marib.
- Heliotropium ellipticum* Ledeb. (3) {doubtfully record} ?
(*syn. H. eichwaldii Steud.*)
- Heliotropium europaeum* L. (8)
Dhamar, Sanaa, Ibb, Lahj , Rada, Hizyaz (s of Sanaa), At Turbah, Haddah.
- Heliotropium fartakense* Schwartz ** (4) رمرام
Rare: Hadhramaut, Abyen, Lahj, Ras Fartak (Al Mahara),
- Heliotropium kuriense* Vierh. * @ طبطاب
Abdul Kuri
- Heliotropium lasiocarpum* Fiscer & C.A.Meyer. (3) ?
Taiz, Tihama, Bir Ahmed upstream of W. Tuban, Lahj, Hadhramaut .
- Heliotropium lignosum* Vatke. (3) ? some data suggest that it is synonymous
Al Mukalla-W. al Maqad, Ar Rayan-Sayun
- Heliotropium longiflorum* (A.DC.) Steud. & Hochst. ex Bunge @
var. *longiflorum* @ شدرم، غريرة، ضدح، رقرق

- Tihama & foothills, Abyen, al Maraqisha, Yafea, Hadhramaout.
var. *lophocarpum* Jaub. & Spach * (3)
Hadhramaut, Al Mahara
var. *stenophyllum* Schwart. (8) غريرة، ضدح
Taiz, Ibb, Sanaa, Dhamar. Hajjah , Aden, Lahj .
- Heliotropium makallense* Schart. * (3)
Hadhramaut
- Heliotropium nigricans* Balf.f. * (2,6)
Soqotra
- Heliotropium ophioglossum* Stocks ex Ait. (3)
(*syn. H. vierhapperi* Schwartz)
Aden, Hadhramaut , Soqotra.
- Heliotropium ovalifolium* Forssk. (8)
Tihama foothills, Lahj , Adhale', Soqotra.
- Heliotropium pallens* Del. (8)
Tihama.
- Heliotropium paradoxum* Vatke. (3) ?
Aden, Hadhramaut
- Heliotropium paulayanum* Vierh. * (2,6)
Abdul Kuri
- Heliotropium personatum* Thulin (in Nord. J. Bot. 23:527-532, 2005)
Shabwa near Mahfadh
- Heliotropium pterocarpum* (DC.) Steud. & Hochst. ex Bunge. (8)
Tihama, Lahj, Aden, Adhale', al Kod, Hadhramaut .
- Heliotropium ramosissimum* (Lehm.)Sieb. ex DC. (8)
(*syn.H. persicum* Boiss).
Taiz, Marib, Dhamar, Russaba, Hadhramot.
- Heliotropium rariflorum* Stocks. (1,8)
Aden, Adhale', Yafea, Abyen, Lahj , eastern mountains, Soqotra.
- Heliotropium riebeckii* Schweinf. & Vierh. * (2,6)
Soqotra
- Heliotropium sessilistigma* Hutch. & E.A.Bruce. (8)
Rare: Al Hujariyah, J. Bura', Huth, al Mahabisha.
- Heliotropium shoabense* Vierh. * (2,6)
(*syn. H. derafontense* Vierh.). (6)
Soqotra
- Heliotropium socotranum* Vierh. * (2)
Soqotra.
- Heliotropium steudneri* Vatke. (3)
Hadhramaut
- Heliotropium strigosum* Willd. @
var. *bicolor* (Hochst. & Steud.)O.Schwartz.
Tihama foothills, Taiz, Musaymir (Lahj), al Maraqisha (Abyen), Hadhramaut,
Soqotra.
var. *brevifolium* (Wall.)Clarke (3)
Shabwa
var. *cordofanum* (Hochst.)Schweinf. (8)
Saada, Manakha, Shabwa.
- Heliotropium subspinosum* Thulin & A.G.Miller (in Nord. J. Bot. 23:527-532, 2005)

- Hadhramaut (E of Al Mukalla), Al Mahara (Raydat-Sayhut road, Sayhut-Al Qishin, Ras Fartak-Al Ghaydha)
- Heliotropium wagneri* Vierh * (2,6)
Abdul Kuri, Samha.
- Heliotropium wissmannii* Schwartz. ** (3)
Hadhramaut
- Heliotropium zeylanicum* (Burm.) Lam. (8)
(syn. *H. subulatum* (DC.) Martelli).
Tihama & foothills ,Lahj , Adhale' , E of Manakha, Soqotra.
- Moltkiopsis ciliata* (Forssk.) I.M. John. (3) ? {doubtfully record)
Hadhramaut
- Myosotis abyssinica* Boiss. & Reut. (8)
High mountain areas: J. Ta'aker.
- Myosotis laxa* Lehm. subsp. *caespitosa* (O.E.Schultz) Hyl. ex Nordl.. (8)
Wadi Bana, Ibb, Qa Bosan.
- Nogalia drepanophylla* (E.G.Baker) Verdc. ** (1)
(syn. *Heliotropium drepanophylla*. (Bak.) verdc., *H. drepanophylla*. (Bak.) verdc var. *elongatum* Schwartz).
N of Al Misna above Al Mukalla (Hadhramaut), Huf al Mahara.
- Ogastemma pusillum* (Coss. & Durieu ex Bonnet & Barr.) Brum..(in www.theplantlist.org)
(syn. *Megastoma pusillum* Coss. & Durs. (3)
Hadhramaut
- Trichodesma africanum* (L.) Lehm. var. *africana* (L.) Lehm. (3)
Amran, S of Sa'dah, Rayda, Abyen, Yafea, Modiya.
- Trichodesma calathiforme* Hochst. (3) ? {doubtfully record)
Hadhramaut
- Trichodesma ehrenbergii* Schweinf. (8)
Hagdah (W of Taiz), Kulan, Hajjah , Shahara.
- Trichodesma hildebrandtii* Gurke (ref. Thulin, M. et al in press)
NE of Hawf (Al Mahara)
- Trichodesma laxiflorum* Balf.f. * (2) @ عَشْرَب وِرْرَهِن
(syn. *Trichodesma atrichum* Vierh.)
Soqotra
- Trichodesma microcalyx* Balf.f. * (2,6)
Soqotra.
- Trichodesma scotti* Balf.f. * @ ترش
Soqotra.
- Trichodesma trichodesmoides* (Bunge) Gurke (8)
(syn. *T. calathiforme* Hochst.).
J. Saber, J. Habashi, At Turbah, J. Nuqum, Wadi Dhahr, Haraz, J. Gedu (Shabwa).
- Trichodesma zeylanicum* (Burn.f.) R.Br. (8)
Tihama, J. Bura'.
- Wellstedia socotrana* Balf.f. * (2,6)
Soqotra.
- BRASSICACEAE (CRUCIFERAE)**
- Anastatica hierochuntica* L. (7,8) جميس، طلق
NE of Dhamar, Sanaa-Marib road.
- Arabis alpina* L. (7,8)

- (*syn. A. caucasica Willd.*)
Ibb, J. Annabi Shuaib, His'n Hab (Ba'adan), J. Maswer.
Brassica chinensis L. @ كويج صيني
Cultivated, Sanaa.
- Brassica juncea* (L.) Czern. (8)
Rare: Sanaa.
- Brassica napus* L. @ خردل
Cultivated & as weed in Sanaa.
- Brassica oleracea* L. @ كويش، كرنب، ملفوف
Cultivated
- Brassica rapa* L. (7) اللفت
(*syn. B. campestris L.*)
Cultivated in Jiblah & Sanaa
- Brassica tournefortii* Gouan (7)
Abyan
- Capsella bursa-pastoris* (L.) Medie. @ شرابة الراعي
Taiz, Qa Bakil, Soqotra.
- Cardamine africana* L. (7)
Rare: J. Rayma, al Jafariyah.
- Cardaria draba* (L.) Desu. @ حلقم خارجي
(*syn. Lepidium draba L.*)
Dhamar, Manakha.
- Diceratella incana* Balf.f. (7)
(*syn. D. Sinuata (Franch.) Oliv.*)
Soqotra.
- Diplotaxis acris* (Forssk.) Boiss (7)
(*syn. Malcolmia arabica Velen.*)
Highlands
- Diplotaxis eruroides* L.DC. @ خردل، حلقب
Taiz, Dhamar, Maaber.
- Diplotaxis harra* (Forssk.) Boiss. @ بقلة، خردل، خشين
Taiz, Sanaa, Lawdar, Adhale³, Saada, Hadhramaut .
- Diplotaxis kohlaanensis* A.G. Miller & J.Nyberg. * (8)
Highlands e.g. Kohlan
- Diplotaxis tenuifolia* (L.) DC. (7,8)
Kawkaban.
- Eremobium aegyptiacum* (Spreng.) Schweinf. & Asch. ex Boiss. (7,8)
(*syn. E. diffusum (Decne.) Botsch, E. lineare (Del.) Boiss, E. nefudicum (Velen.) B.L. Bortt & Rech., Malcolmia aegyptiaca Sprea., M. nefudica Velen.*)
Rare: Marib, Saada.
- Eruca sativa* Miller. @ جرجير
(*syn. E. lativalvis Boiss, E. vesicaria (L.) subsp. sativa (Miller) Thell.*)
Cultivated.
- Erucastrum abyssinicum* (A.Rich.) O.E.Schulz. (8)
Sanaa-Thula
- Erucastrum arabicum* Fisch. & Mey. @ حلقم، عسب البس
(*syn. Brassica arabica (Fish. & Meq).*)
Taiz, Dhamar, Russabah, Hajjah, Hadhramaut .
- Erucastrum meruense* Jonsell subsp. *yemenense* Jonsell. * (7)

Highlands

- Erucastrum rostratum* (Balf.f.) Gomez-Campo * (2)
(syn. *Hirchfeldia rostrata* (Balf.f.) O.Schulz, *Hirchfeldia rostrata* var. *rostrata*,
Brassica rostrata Balf.f)
Soqotra, Samha.
- Erucastrum woodiorum* Jonsell. * (7)
High lands cliffs
- Farsetia dhofarica* Jonsell & Miller. ** (in Symb. Bot. Upsal. 25(3): 98, 1986)
Huf (Al Mahara), Hadhramaut .
- Farsetia inconspicua* A.G.Mill. * (2)
Soqotra
- Farsetia latifolia* Jonsell & Miller. ** (in Symb. Bot. Upsal. 25(3): 57, 1986)
Al Mahara
- Farsetia linearis* Dene ** ((@, 8, 7)) نتش
(syn. *Cheiranthus linearis* Forssk., *F. arabica* Boulos).
NE of Dhamar, Wadi SIRR (Bani Hushaysh), Majz, Marashi, Sanaa, Hajjah, Lahj,
Shabwa, Hahramout.
- Farsetia longisiliqua* Decne. @ جرباء، مشهب
Taiz, Dhamar, Jibla, Sanaa, Hajjah, Lahj, Abyen, Juban, Jihaf, Demt, al Hus'ain,
al Husha, al Shue'ib, Qa'tabah, Hadhramaut, Soqotra.
- Farsetia socotrana* B.L.Burt. * (7)
(syn. *F. prostrata* Balf.f.) (6)
Soqotra
- Farsetia stylosa* R.Br. (7)
(syn. *F. depressa* Kotschy, *F. hamiltonii* Royle, *F. prostrata* (Stew.)Hochst., *F.*
ramosissima Hochsit.Ex Fourn., *Mathiola prostrata* Hochst. & Steud. Ex Steud.).
Tihama, Sanaa-Marib, al Makha, Radaa, Hadhramaut, Soqotra
- Hemicrambe fruticosa* (C.C.Towins.) Gomez-Campo * (2)
(syn. *Fabrisinapis fruticosus* C.C.Towns., *H. townsendii* Gomez-Campo)
Soqotra
- Hirchfeldia incana* (L.) Lagr. (7,8)
Maaber.
- Hirchfeldia townsendii* Gomez Campo. * (2)
Soqotra
- Lachnocapsa spathulata* Balf.f. * (6,7)
Soqotra.
- Lepidium armoracia* Fisch. & Meyer. (7)
(syn. *L. armoracia* Fisch. & Meyer. subsp. *abyssinicum* (A.Rich.)Thell., *L.*
armoracia Fisch. & Meyer. subsp. *intermedium* (A.Rich.)Thel. var. *alpigenum*
(A.Rich.)Thell. *L. schweinfurthii* Thell.).
Highlands: Sumara, J. Annabi Shua'ib, Manakha, Qa Jahran, Shihara.
- Lepidium bonariense* L. (7)
Al Akahila (S. of Taiz).
- Lepidium latifolium* L. (7)
Sanaa.
- Lepidium sativum* L. @ حلف، حب الرشاد
Cultivated.in highlands
- Morettia parviflora* Boiss. (7)
Marib, Radaa, Huth.

- Moricandia sinaica (Boiss.) Boiss. (7)
Huth, Harf Sufyan, Dhawran.
- Nasturtium microphyllum Boenn. (7)
(*syn. Rorippa microphylla (Boenn.)Hylander*).
W. Bana, between Saddah & Annadirah
- Nesocrambe socotrana A.G.Mill.
Soqotra
- Notoceras bicornis (Aiton f.) Amo. (7)
(*syn. N. canariense R.Br.*).
SE Raydah, Radaa.
- Raphanus raphanistrum L. (7)
Rare: high mountain areas.
- Raphanus sativus L. @ بقل، فجل
Cultivated.
- Rapistrum rugosum (L.)All. subsp. orientale (L.)Arcan. (7)
(*syn. R. orientale (L.)Crantz.*)
At Turbah, Sa'dah, Wussab al Ali, W. Dhahr
- Rorippa palustris (L.) Besser. (7)
Al Muhwit, Wadi Bana.
- Savignya parviflora (Del.) Webb. (3) (Doubtful record) ?
(*syn. S. aegyptiaca DC.*)
- Schouwia purpurea (Forssk.) Schweinf.) @
(*syn. S. arabica DC., S. schimperi Jaub. & Spach, S. thebaica Webb., Subularia purpurea Forssk.*).
Coastal areas e.g. Zabid, West Taiz, Bani Shayba (S of Taiz), al Faydh (Abyen), Hadhramaut .
- Sisymbrium erysimoides Desf. (7)
Al Hujariyah (Taiz), Mutheikhira, Ibb, Jibla, Yerim, Soqotra.
- Sisymbrium irio L. (8)
(*syn. S. pinnatifidum Forssk.*)
N. of Sanaa, Taiz, Shibam.
- Sisymbrium officinale (L.) Scop. (7)
High altitude areas
- Sisymbrium orientale L. (7)
Manakha, At Turbah, Dhamar, Haddah,
- Sterigmostemum sulphureum (Banks & Sol.) Bornum. Subsp. sulphureum (7)
High mountains: Khidar.
- Zilla spinosa (L.)Pranti. (7)
Al Mahara.
- BURSERACEAE**
- Boswellia ameero Balf.f. * أمعيرو @
Soqotra.
- Boswellia bullata Thulin & Gifri * أمعيرو (in Cact. & Succ. J. 72(5): 265-277(2000)
Soqotra
- Boswellia dioscorides Thulin & Gifri * أمعيرو (in Cact. & Succ. J. 72(5): 265-277(2000)
N. of Nogad plain, Firmihin (Soqotra).
- Boswellia elongata Balf.f. * أمعيرو (2,6, Balf.f. 1988)
Soqotra

- Boswellia nana* Hepper * ضفها (2,6)
Soqotra
- Boswellia popoviana* Hepper * ضفها (2,6)
Soqotra
- Boswellia sacra* Flueck. (3) مغروت (حوف) لبنان، كندر،
(syn. *B. undulato-crenata* Engl.)
Huf, Shabwa, Hadhramaut, Shuqra, Ashshehr, Mayfa, Hagr.
- Boswellia socotrana* Balf.f. * صمغون، تيليؤ (2,6, Balf.f. 1988)
(syn. *Lannea aspleniifolia* (Balf.f.)Engl, *Odina aspleniifolia* Balf.f.).
Soqotra
- Commiphora africana* (A.Rich.) Engl. بشام (3)
Al Maraqisha (Abyen), Sayhut-Al Mukalla(Al Mahar)
- Commiphora foliacea* Sprague. @ عقبوت (حوف) بشام،
Al Maraqisha: 30 km N of Zingibar (Abyen), 89 km crossing near lawder
towards Mahfis (Shabwa), Sayhut-Qishin road (Huf), Hadhramaut .
- Commiphora gileadensis* (L.) Christ. @ شيقوف(حوف) بشام، بلسم،
(syn.*C. opobalsamum* (Forssk.)Engl.).
Tihama foothills, Hagda: W. of Taiz, Zabid, S. of Hays, Al Kaseiba; Adimna, J.
Bura', Al Husha, Tur, W. Yur, W. Rayn (Al Wazieiya), Al Markaz (Mauza'),
Adhale, ,Qaetabah, Hadhramaut, Shabwa, Huf.
- Commiphora habessinica* (O.Berg.) Engl. (8) خدش، رشع
Taiz, Assayani, Adhale', Bayt Adhaqah.
- Commiphora kataf* (Forssk.)Engl. (8) قطف، قفل، بشام
(syn. *Commiphora erythraea* (Ehrenb.) Engl, *Hemprichia erythraea* Ehrenb.)
Al Hujariya (Taiz), J. Bura', Bayt al Faqih, Qaetabah.
- Commiphora kua* (J.F.Royale) Vollesen. (1) خدش، عوفر(حوف) ، قفل، بشام
(syn. *C. habessinica* (O.Berg) Engl. subsp. *habessinica* (O.Berg) Engl , *C.*
abyssinica (O.Berg) Engl., *Balsamodendrum abyssinicum* O.Berg,)
Shabwa, Hadhramaut, Soqotra, Huf..
- Commiphora myrrha* (Nees) Engl. (8) مر، عوجة، قفل، سوب، رشع
(syn. *C. molmol* (Engl.) Engl., *C. myrrha* (Nees) Engl. var. *molmol* Engl., *C.*
playfairii (Oliv.) Engl. var. *benadirensis* Chiov., *Balsamodendron myrrha*. Nees.)
Taiz, Al Mafrag, Mor, Bagel, Hays, Wussab, Rihab, W. Yur, al Jauf, Aden, S of
Zabid.
- Commiphora ornifolia* (Balf.f.)Gillett. * اكنسة، اكنشب (2,6)
(syn. *Lannea ornifolia* (Balf.f.) Engl., *Odina ornifolia* Balf.f.) (Balf.f.1988)
Soqotra
- Commiphora parvifolia* (Balf.f.)Engl. * لقم، لقم (2,6)
(syn. *Commiphora parviflora* Jacq., *Balsamodendrom parvifolium* Balf.f.)
(Balf.f.1988)
Soqotra.
- Commiphora planifrons* (Balf.f.) Engl. * (2,6)
(syn. *C. Planifrons* Schweinf., *Balsamadendron planifrons* Balf.f.) (Balf.f.1988)
Soqotra
- Commiphora playfairii* (Hook.f. ex Oliv.) Engl. (ref. Thulin, M. et al in press)
NE of Ar Rayan (Hadhramaut) .
- Commiphora quadricincta* Schweinf. ex Engl. (8)
V. rare: Tihama plain (Bagel, Suq al Jumaa).

Commiphora schimperi (Berg.) Engl. (8) خدش

Al Hujariyah, Ibb, Jiblah, J. Bura', Tihama foothills, al Rahida.

Commiphora socotrana (Balf.f.) Engl. * @ لقهم

(*syn. C. socotrana Balf.f., Balsamodendron socotranum Balf.f.*). (Balf.f.1988)

Soqotra.

Commiphora wightii (Arnott) Bhandari. (2)

Huf: al Mahara.

BUXACEAE

Buxanthus pedicellatus van Tiegh. (2) مطهن، مقهن

(*syn. Buxus hildebrandtii Baill.*). (6, (Balf.f.1988)

Soqotra.

CACTACEAE

Opuntia dillenii (Ker-Gawl.)Haw. @ تين، بلس، بلس تركي

(*syn. O. stricata (Haw)Haw. var. dillenii (Ker-Gawl.)Haw.*

Tihama, Tihama foothills, Taiz.

Opuntia ficus-indica (L.)Mill. @ تين شوكي، بلس

Widespread : Taiz, Hagda, Shara'b, al Qaeda, Ibb, J. Sumara, Dhisufal, Al

U'deyn, Qa'tabah, Jibla, Al Qafr, Assada, Kitab, Adhale', Jihaf, Al Husha,

Ashue'ib, Dhamar, Sanaa.

CAMPANULACEAE

Campanula edulis Forssk. (8) عنوق

(*syn. C. rigidipila Steud. & Hochst. ex A.Rich.*).

Ibb, J. Saber, Sumara.

Campanula balfourii Wagner & Vierh. * (2,6)

Soqotra

Campanula erinus L. (in Willdenowia 34: 159-182, 2004)

J. Al Arays (Abyen)

Wahlenbergia flexuosa (Hook. f. & Thomson) Thulin (in Willdenowia 34: 159-182, 2004)

Huf: Al Mahara.

Wahlenbergia hirsuta (Edgw.) Thyn. (8)

Rare: J. Ba'adan.

Wahlenbergia lobelioides A.DE. subsp. *nutabunda* (Guss.) Murb. (6)

(*syn. W. riparia A.DC.*) (2)

Soqotra.

CANNABACEAE

Cannabis sativa L. (7,8) حشيش، القنب الهندي

Cultivated: Ibb, Sa'dah, Sanaa, Taiz.

CANNACEAE

Canna indica L. الموز الكاذب، ورد الموز

(*syn. C. indica Ker., C. bidentata Bertol.*)

Cultivated as ornamental and naturalized in some areas: Taiz, Sanaa, J. Raymah,

Hajjah .

CAESALPINIACEAE

Bauhinia ellenbeckii Harms. (ref. Thulin, M. et al, 2001)

Mola Matar & Kor Seiban (Hadhramaut).

Bauhinia tomentosa L. (8)

(*syn. B. inermis Forssk.*).

J. Milhan, J. Bura', J. Rayma, Haraz, Tihama foothills.

- Caesalpinia bonduc (L.) Roxb. @ حوجم، كلب
(syn. *Bonduc minus* Medik., *C. bonducella* (L.) Fleming, *C. crista* Thunb., *Guilandina bonduc* L)
Introduced: Taiz, Aden, Al U'deyn, Wussab, J. Raymah, Al H'adiyyah.
- Caesalpinia decapetala (Roth.)Alston. @ كلب
(syn. *Biancaea scandens* Tod., *C. benguetensis* Elmer, *C. ferox* Hassk., *C. sepiaria* Roxb., *Reichardia decapetala* Roth)
J. Saber, J. Sumara, Ibb.
- Caesalpinia erianthera Choiv. var. pubescens Brenen . (3)
Hadarmout, J. Gedu: Shabwa.
- Caesalpinia gilliesii (Hook.)Dietr. @ كلاب
(syn. *C. macrantha* Delile, *Erythrostemon gilliesii* (Hook.) Link & al., *Poinciana gilliesii* Hook.)
Taiz, Sanaa.
- Caesalpinia pulcherrima (L.)Sw. @
(syn. *Caesalpinia pulcherrima* (L.) Sw. var. *flava* Bailey & Rehder, *Poinciana bijuga* Lour., *Poinciana elata* Lour.)
Introduced, Cultivated in gardens & streets in Taiz & Aden, W of Qashin (al Mahara).
- Cassia fistula L. (8)
(Syn. *Cathartocarpus rhombifolius*, *C. fistuloides*, *C. fistula*, *C. excelsus*, *Cassia rhombifolia*, *C. fistuloides*, *C. excelsa* Kunth, *C. bonplandiana*, *Bactrylobium fistula*
Tihama foothills, J. Rayma, Wussab Assafel.
- Ceratonia oreothauma Hillc. & al.. subsp. oreothauma (in Kew Bull. 35: 261-71, 1980)
J. Gedu (Shabwa), Mola Matter, N of Al Mukalla & Kor Seiban (Hadhramaut)
- Ceratonia siliqua L. @ قرانيط، خرنوب
Taiz, J. Bura', J. Milhan, Ibb, Sumara, Shibam, w of Qaetabah.
- Chamaecrista absus (L.)Irwin & Barneby (@, 8)
(syn. *Cassia absus* (L.) Irwin & barneby).
Rare: Taiz, J. Bura', Al U'deyn, Soqotra.
- Chamaecrista fallacina (Chiov.) Lock سمير
(syn *Cassia fallacina* Chiov., *C. pumila* Lam. var. *yemensis* Deflers).
J. Rayma, J. Bura', Haraz.
- Chamaecrista mimosoides (L.) Greene
(syn. *Cassia angustissima* Lam.' *C. mimosoides* L., *C. sensitiva* Roxb.)
Rare: Al Jaafariyah.
- Chamaecrista nigricans (Vahl) Greene
(syn' *Cassia nigricans* Vahl'
Tihama, Wussab al Ali.
- Chamaecrista pumila (Lam.) V. Singh – det. M. Thulin (in Englera 28: 57-77, 2006)
Wadi Ayhaft (Soqotra)
- Delonix elata (L.)Gamble. @ رنف، رمف، عضد، عضنة، عضيقه، حومرة عضب، حارير(حوف)
(syn. *Poinciana elata* L.).
Taiz, Rada, Harib- Jubah, Abyen, J. Gedu: Shabwa, Hadhramaut, Huf al Mahara, Wadi Naba' (Al Hada), wadi Shiras (Adhale'), J. Al Arayes (Abyen).
- Delonix regia (Hook.) Raf. @ بنسيانة
(syn. *D. regia* var. *flavida* Stehle, *D. regia* var. *genuina* Stehle, *Poinciana regia* Hook.)

- Introduced; street trees & near houses e.g. Taiz, Al Udeyn.
Parkinsonia aculeata L. @ سيسبان
(*syn. Parkinsonia thornberi M.E. Jones*)
Introduced; Road sides, near houses and slopes e.g. Taiz, Aden.
Piliostigma thonningii (Schum.)Milne-Redh-Rukab. (8) حنة البقر
(*syn. Bauhinia thonningii Schum.*)
Rare: J. Bura', J. Rayma.
Pterolobium stellatum (Forssk.) Brenan @ كلب، كليلب، حرة
(*syn. P. lacerans R.Br., Mimosa stellata Forssk.*)
J. Bura', J. Saber, Ibb, J. Sumara, Ad Dalil, Al U'deyn, W of Dhisufal,
Mutheikhira, Ba'dan..
Senna alexandrina Miller سنا، سنامكي (in Kew Bull. 43: 333-342 (1988)
(*syn. Cassia acutifolia Del., C. alexandrina (Garsault)Thell, C. angustifolia*
M.Vahl, C. senna L., Senna acutifolia (Del.)Batka, S. alexandrina Garsault, S.
angustifolia).
Coastal areas
Senna auriculata (L.)Roxb. عشرق (in Kew Bull. 43: 333-342 (1988)
(*syn. Cassia auriculata L., Cassia densistipulata Taub.*)
Aden, Abyen.
Senna didymobotrya (Fres.) Irwin & Barneby @
(*syn. Cassia didymobotrya Fresen., C. nairobiensis L.H. Bailey*)
Introduced, planted on roadsides: Taiz.
Senna holosericea (Fres.) Greuter (2) عشرق
(*syn. Cassia holosericea Fres., S. ovalifolia Batka*). (8)
Tihama and foothills, Lahj, Abyen, Adhale', Hadhramaut, Soqotra.
Senna hookeriana Batka. @ عشرق
(*syn. Cassia adenensis Benth., C. corneliana Vatke, C. somalensis Serrato*)
Aden, Abyen.
Senna italica Mill. @ (in Kew Bull. 43: 333-342 (1988)
(*syn. Cassia italica (Mill.)Lam. ex Steud. , C. obovata Collad.*)
subsp. italica (8) عشرق
Highlands e.g. Taiz
subsp. micrantha (Brenan) Lock (8) عشرق
Tihama and foothills, western mountains, Al U'deyn, Dhisufal, Damt, Al Husha,
Addale', Jihaf, Al Azareq, Ashue'ib, Aden, Hadhramaut , Soqotra.
Senna multiglandulosa (Jacq.) H.S. Irwin & Barneby (in New York Bot. Gard. 35: 1-918 (1982)
(*syn. Adipera tomentosa (L. f.) Britton & Rose, Cassia albida Ortega,*
C. cana Steud., C. lutescens G. Don, C. multiglandulosa Jacq., Cassia tomentosa
L. f.)
Introduced , Cultivated as ornamental Sanaa, Dhamar.
Senna obtusifolia (L.) Irwin & Barneby @ فريرو، صريصحان، قندد
(*syn. Cassia obtusifolia L., C. tora L. var. obtusifolia (L.) Haines*)
Taiz, Addalil, Al U'deyn, Ibb, Soqotra.
Senna occidentalis (L.) Link @ صنصل
(*syn. Cassia occidentalis L.*)
Taiz, Tihama foothills, medium altitude mountains, Assayani, Mutheikhira, Al
Qafr, Lahj .
Senna socotrana (Serrato) Lock * @ طفهد، طفهر
(*syn. Cassia socotrana Serrato*).

Soqotra.

Senna siamea (Lam.) H.S. Irwin & Barneby @
(syn. *Cassia arborea* Macfad. *C. florida* Vahl *C. gigantea* DC.,
C. siamea Lam.).

Area experimental farm: Taiz, Ibb

Senna sophera (L.) Roxb. @ (in New York Bot. Gard. 35: 1-918 (1982) صريصحان
(syn. *Cassia sophera* L., *C. occidentalis* L. var. *glabra* DC, *C. canca* Cav, *C. torosa* Cav.).

Tihama, Taiz, Al Azareq, J. Rayma, J. Marran, Soqotra.

Tamarindus indica L. @ حمر، تمر هندي، حوم
(syn. *Tamarindus occidentalis* Gaertn., *T. officinalis* Hook., *T. umbrosa* Salisb.)
Tihama foothills, Taiz, Hagda, Al U'deyn, Dhisufal, Al Qafr, al Mahara, Soqotra.

CAPPARACEAE (CAPPARIDACEAE)

Boscia angustifolia A.Rich. @ ضاهي، ثوع، ثوة، خولانة
Tihama foothills, Ibb, Huth near Al Qafla, Khawlan, Al U'deyn.

Boscia arabica Pestalozzi ** (@, 7) سرح، سمر
Al Wazieia, Mauza', Wadi Rusyan, J. al Arays, Hadhramaut, Shabwa, al Mahara:
Ras Fartak, from Ghaydah to Sarif spring and Hat, Hadhramaut: N of Ras
Sharma.

Cadaba baccarinii Chiov. (in Willdenowia 32: 239-269, 2002)
Hadhramaut: Lower Wadi Hajar and from Al Mukalla to Bayn al Jibal, N of Ar
Rayan, Al Mahara: S Fartak Mts, wadi above Kadifut.

Cadaba farinosa Forssk. @ عصال، سرح، قرّة، حرطانة، جردم
Taiz, Tihama, Abyen, Adhale', al Jawf, Soqotra, Hadharamout.

Cadaba glandulosa Forssk. @ قرمط، عنشط، كرمط، عضة الذيبين
Tihama, Aden, al Maraqisha, Abyen.

Cadaba heterotricha Stocks ex Hook. @ أخن، خال
Taiz (Shara'b, J. Habashi, Al Barh), Adhale', Harib, W of Qaetabah,
Hadharamout.

Cadaba insularis A.G.Mill. * (2)
Endangered: Soqotra

Cadaba longifolia R.Br. ex DC. @ سرح، قرمط
Tiham foothills, Aden, Lahj , Abyen, Maqbanah, Soqotra.

Cadaba mirabilis Gilg. (7)
Southern mountains

Cadaba rotundifolia Forssk. @ قضب، خصلف
Coastal areas : Tihama, Lahj , Abyen, Adhale', Aden, Lawdar, Soqotra.

Capparis cartilaginea Decne. @ رصف، لصف، لوصف، نصف، حصلف، خصلف
(syn. *C. galeata* Fres., *C. galeata* Fres. Var. *montana* Schweinf., *C. spinosa* L.
var. *galeata* (Fresen.)Hook.f. & Thoms).

Taiz, Tihama foothills, NE Raydah, Adhale', Aden, Lahj , Abyen, Shabwa,
Soqotra.

Capparis decidua (Forssk.)Edgew. @ سداد، سمرة (سقطري)
(syn. *C. aphylla* Roth., *Sodada deciduas* Forssk.)
Coastal areas, Soqotra.

Capparis spinosa L. var. *spinosa*. @ كبير، شفلح، لصف شوك، حدية
(syn. *C. aegyptia* Lam., *C. spinosa* L. var. *aegyptia* (Lam.)Boiss, *C. spinosa* L.
var. *canescens* Cosson., *C. leucophylla* DC.)
Tihama, Aden, Lahj , Marib, Huth, Hadhramaut .

Capparis tomentosa Lam. (8)

W. Assukhna al Hayma Addakhiliya.

Dipterygium glaucum Decne. @ عرفج، علفة، حلفة

(syn. *D. glaucum* Decne. Var. *macrocarpa* Blatter, *Cleome pallida* Kotschy)

Coastal areas, Lahj , Abyen, Hadhramaut .

Dhofaria macleishii A.G. Miller. ** (7)

NE of Huf (Al Mahara).

Maerua angolensis DC. @

subsp. *angolensis*.

Taiz, Kor Seiban: Hadhramaut, Shabwa.

var. *socotrana* (Schweinf. ex Balf.f) Kers * (@, 2 إشحب

(syn. *M. thomsonii* T.Ander., *M. socotrana* (Schwein.) Gilg.)

Soqotra.

Maerua crassifolia Forssk. @ مرع، سرح

(syn. *M. uniflora* Vahl, *M. arabica* J.F.Gmel., *Wiegmannia arabica*

(J.F.Gmel.)Hochst. & Steud. Ex Steud)

Tihama plain, Tihama foothills, Aden.

Maerua macrantha Gilg (in Willdenowia 34: 159-182, 2004)

Abyen: W of Al Mahwit, Shabwa: Lower Wadi Al-Himae,

Maerua oblongifolia (Forssk.)A.Rich. @ جزب

(syn. *Capparis mithridatica* Forssk., *C. oblongifolia* Forssk., *Niebuhrria oblongifolia* (Forssk.)DC.)

Taiz, Radaa, Tihama plain, Tihama foothills.

Maerua triphylla A.Rich لزب، رويد

var. *johannis* (Volkens & Gilg)De Wolf. (7)

Rare: J. Bura' , J. Rayma.

var *calophylla* (Gilg)De Wolf. (@, 7)

Taiz, Assayani, Dhisufal.

CARYOPHYLLACEAE (ILLECEBRACEAE)

Arenaria leptoclados (Reich) Guss. (8) (in Willdenowia 34: 159-182, 2004)

(syn. *A. foliacea* Turill.) (2)

High wet escarpment, J. Eraf, Lahj, Abyen, Soqotra.

Arenaria serpyllifolia L. (3,5)

Wadi Shalalah.

Cerastium dichotomum L. subsp. *inflatum* (Link.)Cullen. ?

Yerim.

Cerastium glomeratum Thuill. (8)

Rare, J. Taakar, J. Manar.

Cerastium octandrum Hochst. Ex A.Rich. (8)

Rare : J. Ta'aker, j. Manar.

Cometes abyssinica (R.Br.) Wallich. @ عود حلبة

(syn. *C. abyssinica*. subsp. *suffruticosa* Wagn. & Vierb.).

Al Hujariyyah, Yafea, Abyen, Juban, Haddah, Dhamar, Amran, Aden, Hajjah, J.

Gedu (Shabwa), Hadhramaut, Soqotra.

Cometes surattensis L. (7)

Mountain plains.

Dianthus caryophyllus L. @ قرنفل

Cultivated.

Dianthus deserti Kotschy. ** (7,8)

- J. Um Layla & J. A'lab (Khawlan Ash Sham).
Dianthus longiglumis Del. (7,8)
Hajjah , J. Dhawran, Manakha, Haraz.
- Dianthus uniflorus* Forssk. * @عود حلبية@
(syn. *D. pumilus* Vahl).
J. Sumara, W of Sanaa, S of Dhisufal, Dhamat, Dhamar-Ibb, Ibb-Jiblah road,
Yerim, Assadah.
- Dianthus strictus* Banks & Soland. subsp. *sublaevis* D.F. Chamb. ** (7)
Medium and high mountais
- Gymnocarpos argenteus* Petruss. & Thulin. * (7)
Southern escarpment above 500m.
- Gymnocarpos bracteatus* (Balf.f.)Petruss & Thulin. * (7)
(syn. *Lochia bracteata* Balf.f.)
Soqotra.
- Gymnocarpos decandrus* Forssk. (7)
(syn. *G. fruticosus* (Vahl)Pers, *Trianthea fruticosa* Vahl.)
Low altitude mountains, Mayfa Hajr'-Al Mukalla road (Hadhramaut) .
- Gymnocarpos dhofarensis* Petruss & Thulin. ** (7)
Al Mahara.
- Gymnocarpos kuriensis* (A.R.Smith) Petruss & Thulin. * @
(syn. *Lochia bracteata* Balf.f. subsp. *abdulkuriana* Chaudhri, *L. bracteata* Balf.f.
subsp. *bracteata*, *L. kuriensis* A.R.Smith.)
Abdul Kuri, Soqotra.
- Gymnocarpos maharanus* Petruss. & Thulin. * (7)
Al Mahara.
- Gymnocarpos rotundifolius* Petruss & Thulin. ** (ref. Thulin, M. et al in press)
W of Raydah (Hadhramaut).
- Gypsophila montana* Balfour f. (7)
(syn. *G. Montana* var. *Viscida* Balf.f., *G. Somalensis* Franch., *Saponaria montana*
(Balf.f.)Bar.)
Hadhramaut , Soqotra.
- Gypsophila umbricola* (J.R.I.Wood) Clement. ** (4,7)
(syn. *Saponaria umbricola* J.R.Wood). (8)
Rare, below Jirjir (above Al H'adiyyah), between Markah and Sa'bah (J. Milhan),
Bayt Bashari (al Mahwit), Shirnamah, J. Maswar, Shahara, Kuhlan.
- Haya obovata* Balf.f. * (7)
Soqotra.
- Herniaria maskatensis* Bornum. ** (7)
Al Mahara
- Minuartia filifolia* (Forssk.)Schweinf. ex Mattf. @
(syn. *Arenaria filifolia* Forssk.).
High lands: J. Saber, At Turba, Ibb. Yarim, Eryan, Mashwara, Ashshawaet',
Muteikhira, Kitab, J. Sumara, Dhamar, Hajjah .
- Paronychia arabica* (L.)DC. (7)
Coastal areas.
- Paronychia chthrotyrsa* Murb. (7)
High mountains & plains.
- Pollichia campestris* Ait. @
Dhamar, Russabah, Utuma, Kawkaban, al Mahwit, Hajjah , Rada'.

- Polycarpaea balfourii* Briquet * (7) تكع حنين
(syn. *P. divaricata* Balf.f.).
Soqotra.
- Polycarpaea caespitosa* Balf.f. * (7)
Soqotra.
- Polycarpaea corymbosa* (L.) Lam. (7)
Abdul Kuri.
- Polycarpaea hassalensis* Chamb. * (7)
Soqotra.
- Polycarpaea haufensis* A.G.Miller. * (7)
Southern coastal areas
- Polycarpaea hayoides* Chamb. * (7)
Soqotra.
- Polycarpaea kuriensis* Wagner. * @
Soqotra, Abdul Kuri, Samha.
- Polycarpaea linearifolia* (DC.)DC. (5)
Raydah.
- Polycarpaea paulayana* Wagner. * (7)
Soqotra, Samha.
- Polycarpaea pulvinata* M.G.Gilbert. (7)
Al Mahara.
- Polycarpaea repens* (Forssk.)Asch. & Schwein. (7,8)
(syn. *P. fragilis* Deli., *Corrigiola repens* Forssk.)
Sanaa, al Boun,
- Polycarpaea robbairea* (Kuntza)Grenter & Burdet. (7)
(syn. *Robbairea delileana* Milne-Redhead.)
Low to highlands
- Polycarpaea* sp. Nov. (M16012 Miller et al) @
Soqotra
- Polycarpaea spicata* Wight. & Arn. (2)
var. *capillaris* Balf.f. *
Soqotra.
var. *spicata*. (7)
Coastal areas: al Salif, Soqotra.
- Polycarpon tetraphyllum* (L.) L. (7)
High mountain areas.
- Robbairea delileana* Milne-Reth. (8)
(syn. *Polycarpaea prostrata* (Del.)Decne.)
High mountains e.g. Sa'dah, Haraz, SE Raydah..
- Sclerocephalus arabicus* Boiss. (Podlech, D. 1982)
(syn. *Paronychia sclerocephala* Decne.)
Huth, Sanaa, Tarim-Thamuud road and Wadi Wahshah (Hadhramaut).
- Silene apetata* Willd. (2,6)
Rare: Soqotra.
- Silene burchellii* Otth ex DC. (7,8)
(syn. *S. chirensis* A.Rich., *S. flammulifolia* Steud. ex A.Rich., *S. hochstetteri* Rohrb., *S. schweinfurthii* Rohrb.).

- High altitude areas e.g. Sanaa, J. Rayma, Sumara, J. Ta'aker, Bani Matar, Jibla, Shibam, Kawkaban, Saada, Khawlan, J. Shibam above Manakha, Bayt Shamran, J. Masar, Wusab, J. Al Arays: Abyen.
- Silene colorata* Poiret subsp. *olivieriana* (Oth) Rohrb. (7)
(syn. *S. olivieriana* Oth.)
Low & Medium altitude mountains
- Silene gallica* L. (7,8)
Highlands.
- Silene macrosolen* Steud. ex A.Rich. (7,8)
High altitude areas e.g. J. Saber, Sanaa, near Ribat, Sumara, W. Bana, Qa' Al Haql, J. Annabi Shua'ib, Wusab al Ali, Shibam, Haraz.
- Silene yemensis* Defl. (7,8)
(syn. *S. engleri* Pax).
High altitude areas e.g.. Sanaa, E of Al Mahwit, J. Rayma, Shahara, Dhawran, Shibam, Manakha.
- Spergula fallax* (Lowe) Krause. @
(syn. *S. flaccida* (Roxb.)Asch., *Spergularia fallax* Lowe).
Hajjah , Manakha, Raydah, Firmihin (Soqotra).
- Spergularia bocconeii* (Scheele)Graebn. (7)
Highlands.
- Spergularia marina* (L.) Griseb. (7)
(syn. *Arenaria rubra* L. var. *marina* L., *A. marina* (L.)Roth., *S. salina* J. & C. Presl., *S. marina* (L.)Griseb)
Radaa, Dhamar.
- Spergularia rubra* (L.)J. & C. Presl. (8) {doubtfully record} ?
Rare: J. Sumara, Shibam.
- Sphaerocoma aucheri* Boiss. (7)
Southern coastal areas.
- Sphaerocoma hookeri* T.Anderson @
(syn. *Psyllothamnus beevori* Oliv.)
Samha.
- Stellaria media* (L.) Vill. (7,8)
Rare, J.Saber, Haddah (Sanaa).
- Stellaria pallida* (Dum.)Pire. (7,8).
(syn. *S. media* L. subsp. *pallida* (Dumort.)Aschers &Beit.)
J. Bura'
- Telephium sphaerospermum* Boiss. (8)
Raydah, Milah, Sanaban, Sanaa, al Bon, Bani Hushaysh, J. Al Arays, Hadhramaut..
- Vaccaria hispanica* (Mill.) Rauschert (7)
(syn. *Saponaria vaccaria* L., *V. pyramidata* Medik.). (8)
Rare, Sanaa, Arhab.
- Xerotia arabica* Oliver. ** (3,7)
Hadhramaut, Shabwa.
- CASUARINACEAE**
- Casuarina cunninghamiana* Miq. @
Introduced; road sides & gardens.
- Casuarina equisetifolia* L. @
Introduced; road side & gardens.

Casuarina glauca Sieb. ex Speng. @
Introduced; road side & gardens.

CELASTRACEAE

Catha edulis Forssk. @ قات
Cultivated in many places.

Maytenus arbutifolia (Hochst. ex A.Rich.)Wilczek. (8)
(*syn. Gymnosporia arbutifolia* (Hochst.)Loes.).
Yerim.

Maytenus dhofarensis Sebsebe ** @ سريبت
Huf, wadi Mougab, Uteq NE of Al Ayn, NW of Damqut and SE Fartak (Al Mahara).

Maytenus forsskaoliana Sebsebe * (8)
(*syn. Gymnosporia serrata var. pubescens* Schweinf.).
Central escarpment

Maytenus parviflora (Vahl.) Sebsebe. @ اثرار، جروم
(*syn. Catha spinosa* Forssk.).
Low & medium altitude, Yafea.

Maytenus senegalensis (Lam.) Exell. @ ثرار، ديباب عرم، عرم الشيطان،
(*syn. Gymnosporia senegalensis* (Lam.)Loes.).
Tihama foothills, southern Tihama, al Hujariyah (Taiz), J. Al Arays (Abyen),
Khawlan Ashsham, Shabwa, Kor Seiban and Sayhut-Qashin (Hadhramaut).

Maytenus undata (Thinb.) Blakelock. (8)
Rare: J. Milhan.

CERATOPHYLLACEAE

Ceratophyllum demersum L. var. *demersum*. (7,8)
Rare: In pools, Taiz (e.g. Bani Omar), Hays, J. Ashsharq, Amran, Wussab
Assafel, Huth.

CHENOPODIACEAE

Anabasis ehrenbergii Schweinf. ex Boiss. (7)
(*syn. Anabasis setifera* Moq.)
Southern coastal area, Soqotra, Abdul Kuri, Hadhramaut

Arthrocnemum fruticosum (L.)Moq. (8)
(*syn. Salicornia fruticosa* L.).
al Mukha.

Arthrocnemum macrostachyum (Moric.) K.Koch. (7)
(*syn. A. glaucum* Ung., *Salicornia glauca* Del., *S. macrostachyum* Moric.)
Coastal areas, Soqotra, Abdul Kuri.

Atriplex coriacea Forssk. (7)
(*syn. A. ocymifolium* Viv., *Obione coriacea* (Forssk.)Moq.)
Coastal areas

Atriplex farinosa Forssk. subsp. *farinosa*. (7)
Tihama: S. Medi, Soqotra.

Atriplex griffithii Moq. subsp. *stocksii* (Boiss.)Boulos. @ عفيرو، عفيرة
Coastal areas, Soqotra, Abdul Kuri, Samha.

Atriplex halimus L. @
Introduced: Cultivated as windbreak: Dhamar

Atriplex leuoclada Boiss.
(*syn. Obione leuoclada* (Boiss)Ulbr.)
var. *inamoena* (Aellen)Zoh. (7)

- (*syn. Atriplex inamoena Aellen*)
Southern coastal areas
var. *turcomania* (Moq.)Zohary (7)
(*syn. Atriplex laciniata L. var. turcomanica Moq., A. leuoclada subsp. turcomanica (Moq.)Aellen*)
Salty coastal plain, Taiz: al Hoban, Arhab, Sanaa, Radaa , Khamer.
- Atriplex nummularia* Lindley. @ رغل، قطف
Introduced: cultivated as forage & wind brakes e.g. Dhamar.
- Bassia muricata* (L.)Asch. (7)
(*syn. Echinopsilon muricatus (L.)Moq., Kochia muricata (L.)Schrader, Salsola muricata L.*) .
Bani al Hareth.
- Beta vulgaris* L. subsp. *maritima* (L.)Arcan. (7,8) بنجر
(*syn. B. maritime L.*)
Al Sayyani.
- Chenopodium album* L. @ ركب الجمل، ملح
Taiz, Ibb, Dhamar, Sanaa.
- Chenopodium ambrosioides* L. @ سلى الدنيا، زربيح
(*syn. Dysphania ambrosioides (Linnaeus) Mosyakin & Clemants,)*
Taiz, Ibb.
- Chenopodium fasciculosum* Aellen var. *muraliforme* Aellen. (7,8)
Sumara, Wussab al Ali, Haraz, Shibam, J. Takar.
- Chenopodium murale* L. @ ملاح، مليح
Tihama foothills, Taiz, Sanaa, Ibb, Soqotra.
- Chenopodium opulifolium* Schrad. ex Koch & Ziz. @
Taiz, Ibb, Manakha, J. Bura', Khawlan.
- Chenopodium procerum* Hochst. ex Moq. (7,8)
J. Saber.
- Chenopodium schraderianum* Roem & Schultes. @ شقر الحمي، سبل الدم، رمرام
(*syn. C. foetidum Schrader, Dysphania schraderiana (Roemer & Schultes) Mosyakin & Clemants,*)
J. Saber, Taiz, Kuhlan Affar, Dhamar, Shibam, Lahj , Adhale' .
- Chenopodium vulvaria* L. (7,8)
Rare, Sanaa.
- Cornulaca amblyacantha* Bunge. (1,7)
Southern coastal areas, Shabwa, Asheher (e.g. Hadhramaut).
- Cornulaca ehrenbergii* Aschers. (3,7)
Southern coastal areas e.g. Hadhramaut, Soqotra..
- Cornulaca monacantha* Del. (7)
(*syn. C. arabica Botsch*).
Southern coastal areas e.g. Mayfa' Hajr-Al Mukalla road (Hadhramaut) .
- Halopeplis perfoliata* (Forssk.)Bunge ex Asch. & Schweinf. @ سم الدجاج
(*syn. Salicornia perfoliata Forssk.*)
Near the sea: Medi, Aden, Hadhramaut .
- Halothamnus bottae* Jaub. & Spack. @
(*syn. Caroxylon bottae (Jaub. & Spach)Moq, Salsola bottae Jaub & Spach.*)
Coastal areas, J. Munif: S of Taiz, .Sanaa, Sa'dah, Lahj , Huth, Marib, Harib, al Bon, Raydah, Hadhramaut .
- Lagenantha cycloptera* (Stapf) Gilbert & Friis. (7)

- (*syn. Choriptera semhahensis (Vierh.)Botsch, Gyroptera cycloptera (Stapf)*
Botsch, Salsola cycloptera Stapf., S. semhahensis Vierh.,).
Abdul Kuri, Samha.
- Noaea mucronata (Forssk.)Aschers. & Schweinf. (5)
Bukta
- Salsola cyclophylla Baker. (3). { doubtful record } ?
Shabwa
- Salsola imbricata Forssk. @ هرم، جزم، شريعة غسل،
(*syn. Caroxylon imbricatum (Forssk.)Moq., Chenopodium haryosmon Roemer &*
Schultes, Salsola foetida Del. Ex Spreng., S. foetida Del. Ex Spreng. Var. gaeula
Maire., S. baryosma (Roem. & Schult.)Dandy).
Rare: Coastal areas, al Jawf, Hadhramaut .
- Salsola rubescens Franch. (1)
(*syn. S. hadramautica E.G.Baker, S. leucophylla E.G.Baker*)
Shabwa
- Salsola spinescens Mog. @ هرم، حمض، فدحان، مليح
(*syn. S. aethiopica Botsch., S. forskalii Schwarzf.*)
Coastal areas, Harib, Marib, Radaa, Shabwa, Soqatra.
- Seidlitzia rosmarinus Bunge ex Boiss. (7)
(*syn. Suaeda rosmarinus Ehrenb. Ex Boiss, Salsola rosmarinis (Bunge ex*
Buin)Solm.)
Abdul Kuri.
- Sevada schimperi Moq. @
(*syn. Suaeda schimperi (Moq.)Martell, S. vermiculata Forssk. Ex J.F.Gmelin var.*
puberula C.B.Clarke)
Al Mukalla, Soqatra, Samha.
- Spinaica oleracea L. (7,8) سبانخ
Cultivated as spot herb.
- Suaeda aegyptiaca (Hasselq.)Zoh. @ ثرمل، سويد، مالح، عض
(*syn. Chenopodium aegyptiacum Hassel., S. baccata Forssk., S. hortensis Forssk.,*
Schanginia aegyptica (Hasselq.)Aell., S. hortensis (Forssk.)Moq.)
Coastal areas, Taiz, Al Qafr, Lahj , Abyen, Radaa, Sanaa, Arhab, Hadhramaut .
- Suaeda monoica Forssk. ex J.F.Gmel. @ سويد، مالح، عصال، عصل، هطهم
Coastal areas, al Jawf, Soqatra.
- Suaeda moschata A.J.Scott. ** (ref. Thulin, M. et al im press)
Ras Fartak (al Mahara).
- Suaeda vermiculata Forssk. @ دلاق، مليح، سويدة، عض، عصل
(*syn. Salsola mollis Desf. Suaeda fruticosa Forssk. ex J.F.Gmelin, S. mollis*
(Desf.)Del., S. paulayana Vierh., S. volkensii C.B.Clarke, S. monodiana Maire, S.
mesopotamica Eig)
Coastal areas, Soqatra.

CISTACEAE

- Helianthemum argyraeum E.G.Baker. ** (3)
Hadhramaut, Al Mahar
- Helianthemum citrinum Ghaz. ** (in Willdenowia 32: 239-269, 2002)
Fartak mountains: Al Mahara.
- Helianthemum stipulatum (Forssk.) C. Chr. (in Nord. J. Bot. 22: 41-43, 2001)
Hadhramaut

CLEOMACEAE

- Cleome amblyocarpa* Bair. & Murb. (7,8)
Dhamar.
- Cleome angustifolia* Forssk. (7,8) سلك المير
(syn. *C. dlandra* Borch.).
Taiz, North Tur al Baha, Aden.
- Cleome austroarabica* Chamb. & Lamond. subsp. *austroarabica*. ** (7)
Al Mahara, Soqotra.
- Cleome brachycarpa* Vahl. ex DC. (7,8)
(syn. *C. brachycarpa* var. *filicaulis* Schweinf., *C. diversifolia* Hochst. & Steud.).
Marib, Saada, Aden, Lahj , al Maraqisha, Hadhramaut, Soqotra, Abdul Kuri,
- Cleome droserifolia* Del. (@)
(syn. *C. brachydenia* O.Schwartz)
Hadhramaut, Al Mahara .
- Cleome gynandra* L (7) عنوس، عنوص
(syn. *C. pentaphylla* L., *Gynandropsis gynandra* (L.) Briq., *G. pentaphylla* (L.)DC., *Pedicellaria gynandra* (L.)Schrank.)
Tihama, Aden, Taiz, Madinat Ashsharq, Marib, Soqotra.
- Cleome hadramautica* Thulin * (in Nord. J. Bot. 22: 215-218 (2002)
Between al Ahjar and Hainan (Hadhramaut), Habarut (al Mahara)
- Cleome hanburyana* Penzig. (7)
(syn. *C. areysiana* Defl., *C. deflersii* Blatter)
Southern low altitude
- Cleome macradenia* Schweinf. ** (7)
Aden, Hadhramaut
- Cleome monophylla* L. (7)
V. rare: Ibb, J. Ashsharq.
- Cleome omanensis* (Chamberlain & Lamond) Thulin. ** (in Nord. J. Bot. 22: 215-218 (2002)
(syn. *Cleome albescens* Fran. subsp. *omanensis* Chamb. & Lanord.)
Southern low alti. Mountains, between Jadib and Damqut (AL Mahara), Sayhut-Qishin road.
- Cleome paradoxa* R.Sr. ex DC. (1,7,8)
(syn. *C. brachystyla* Defl.)
Aden, Dunafa Island, Abyen, N of Tor Al Baha, Harib, Al Barh-Al Mafraq (w of Taiz).
- Cleome polytricha* Franch. (7)
Southern low alti. mountains
- Cleome pruinosa* T.Anders. ** (3,7)
Hadhramaut , Aden
- Cleome ramosissima* Webb ex Parl. (7)
(syn. *C. schweinfurthii* Gilg, *C. enneme* Schw. ined.). (3,8)
High escarpment e.g. At Turba, Assayani, Dhisufal, Ashshawaet', Sanaa, Amran, Hajjah , SE of Manakha, S of Ibb, Wadi Bana, Dhamar, Shalalah.
- Cleome scaposa* DC. (7,8)
(syn. *C. papillosa* Steud.)
Tihama and foothills, Bajel, J. Bura', Aden, Lahj, Adhale', Hadhramaut, Soqotra.
- Cleome socotrana* Balf. f. * @
Soqotra.
- Cleome tenella* Linn. (6,7)

Soqotra,

Cleome viscosa Linn. (6,7,8)

Taiz, Tihama, Adhale', Soqotra.

COLCHICACEAE

Gloriosa revoilii (Franch.) J.C.Manning & Vinn., (in Taxon 56: 178 (2007).

(syn. *Littonia obscura* E.G.Baker., *L. minor* Defl., *L. hardeggeri* Beck, *L. revoilii* Franch.,) (8,3).

Hayfan (al Hujariyah).

Iphigenia olivieri Engl. (in Willdenowia 32: 239-269, 2002)

(syn. *I. somaliensis* Baker)

J. Al Arays (Abyen)

Iphigenia socotrana Thulin * (2)

Soqotra

COMBRETACEAE

Anogeissus bentii E.G.Baker. * @مشط

Wadi Al-Himae, Wadi Daua'n, Wadi Adem (Hadhramaut), wadi jordan, Wadi Hawl, near Assuweih village and near Al Matrah village (Shabwa), Al Mahara.

Anogeissus dhofarica A.J.Scott. ** @مشط

Wadi Mougab, NW of Damqut, Ras Fartak & Huf (al Mahara).

Combretum aculeatum Vent. @ ?

J. Bura'

Combretum molle R.Br. ex D. Don. @ضروب، عصم، عصم، دميت، ضاروب

(syn. *C. trichnithum* Fresen., *C. lepidotum* A.Rich.).

Taiz, Western mountains, J. Bura', W. Mouna (W. of Dhamar), Adhale', Shabwa e.g. J. Gedu, Habarun, Wadi At Tawila..

Conocarpus lancifolius Engl. @غلب، عريظ، دمس

Cultivated : Aden, Al Hudaydah, al Makha, Zabid, Surdud, and wild in Hadhramaut

Terminalia brownii Fresen. @ثعب، قوع، قع

S of Taiz, Shara'b, Al U'deyn, W of Dhisufal, Mutheikhira,

Terminalia catappa L. (3) بيدان، اللوز الهندي

Cultivated: Tihama, Lahj, Aden, Hadhramaut, Soqotra

COMMELINACEAE

Aneilema aequinoctiale P.B.Kunth. (3) (doubtful record) ?

(syn. *Commelina aequinoctiale* P.Beauv.)

Aneilema forskalei Kunth. (or *forskalii*) (4,8)

Taiz, Ibb, Al U'deyn, W. Assukhnah, J. Bura', Rayma.

Aneilema woodii R.B.Faden. * (8)

V. rare: J. Bura'

Commelina africana L var. *africana* (8)

(syn. *C. edulis* A. Rich., *C. divaricata* Vahl, *C. Cordifloia* A. Rich.).

J. Saber (Taiz), Baa'dan, Sumara

Commelina albescens Hassk. (8) ساق الغراب

(syn. *C. mensensis* Schweinf.)

Taiz, Tihama & foothills, Yafea, Saada, Huth, Radaa, Lahj, Hadharamut, Soqotra.

Commelina benghalensis L. (8)

(syn. *C. canescens* Vahl, *C. pyrrhoblepharis* hassk., *C. uncatata* C.B. Clarke)

Tihama foothills, medium altitude mountains, Soqotra, Abdul Kuri.

Commelina diffusa Burm.f. (8)

- Taiz, Ibb.
Commelina erecta L. (8)
(*syn. C. corradii Chiov.*)
Al U'deyn, Hajjah .
- Commelina forskalaei* Vahl (or *forskaolii*) @ رضة
Widespread: Tihama, Western & southern mountains, Damt, Soqotra.
- Commelina imberbis* Ehrenb. ex Hassk. (8)
Widespread: Taiz, Ibb, al Muhwit.
- Commelina latifolia* Hochst. ex A.Rich. (8)
(*syn. C. Sagittifolia Hassk.*)
Taiz, Ibb, J. Ashsharq, J. Rayma, J. Shibam (Haraz).
- Commelina subulata* Roth. (8)
(*syn. C. striata Hochst. ex A. Kunth*)
Rare: J. Hubaysh, J. Shibam.
- Commelina ussilensis* Schweinf. (3) ? { doubtful record }
Haraz.
- Cyanotis cristata* (L.) D. Don @
(*syn. Commelina cristata L.*)
Firmihin (Soqotra), Abdul Kuri.
- Cyanotis lanata* Benth. (8)
Al U'deyn, W. Assukhna.
- Cyanotis nyctitropa* Defl. ** (8) مدى، قوا
(*syn. Tillandsia decumbens Forssk.*)
Taiz, J. Habashi, al Qaedah, J. Bura', Ibb, Mutheikhira, Kuhlan Affar, Al Qafr,
Baa'dan, W of Jibla, Assayani, Ashshue'ib, Qataba, Al Husha.
- Cyanotis polyrhiza* Hochst. ex Hassk. (3,5)
Jibla: Ibb.
- Cyanotis vaga* (Lour.) Schultes (8)
(*syn. C. barbata D.Don., C. parasitica Hassk., C. hirsuta C.A.Mey.*)
Jibla, Ibb, Wussab al Ali, His'n Hab (Ba'adan), Utuma, J. Ashsharq.
- CONVOLVULACEAE**
- Convolvulus arabicus* Hochst. (8) عليق
(*syn. C. glomeratus Choisy*)
Tihama & foothills, Bajel, N of Al Hudaydah, W of At Turba (Taiz), Aden, Lahj -
Adhale' road, Lawdar (Abyen), Soqotra, w of Al Mukalla, N of Modia.
- Convolvulus arvensis* L. @ عراج، سلاح، عليق
Tihama foothills, Taiz, Ibb, Dhamar, Sanaa, Rada, Hajjah , Hadhramaut .
- Convolvulus fatimensis* Kunze. عليق (8)
Bani Hareth: NE Sanaa.
- Convolvulus farinosus* L. (8)
Rare: Utuma, J. Shibam, W. Dhahr.
- Convolvulus grantii* Balf.f. * @
Abdul Kuri Island
- Convolvulus hildebrandtii* Vatke. * (2,6)
(*syn. C. filipes Balf.f.*)
Soqotra.
- Convolvulus hystrix* Vahl. (8)
Tihama plain, al Kod
- Convolvulus prostratus* Forssk. (1,8)

- (*syn. C. microphyllus Sieb.*)
Tihama plain, Al Mukalla-W. al Maqad road.
- Convolvulus rhyniospermus* Hochst. Ex Choisy. (2)
(*syn. Convolvulus littoralis Vatke.* (3)
Hadhramaut, Soqotra
- Convolvulus sagittatus* Thunb. (8)
Rare: J. Ayfua, Sa'dah, Wussab al Ali, Shibam, Manakha, al Ahjur.
- Convolvulus sarmentosus* Balf.f. * (2,6)
Soqotra
- Convolvulus sericophyllos* T. Anderson. * (3)
Hadhramaut
- Convolvulus siculus* L. subsp. *agrestis* (Schweinf.) Verdc. (8)
(*syn. C. agrestis Schweinf.*)
J. Saber, Ibb, J Hisn, w of Manakha, Amran-Hajjah road, Al Mahara, Soqotra.
- Convolvulus thymoides* O. Schwartz. * (8)
J. Sumara, J. Maswer, J. Nu'man and J. Shibam (Haraz), J. Dhawran, near Yerim, Dhamar.
- Cressa cretica* L. (8) مالح
Tihama plain, Aden, Lahj, Hadhramaut, Soqotra.
- Dichondra repens* J.R. & G.Forst. (8)
Dhisufal, al Udain, Soqotra.
- Evolvulus alsinoides* (L.)L. @
(*syn.E. yemensis Defflers.*)
Taiz, Raydah, Wussab al Ali, Ibb, Sanaa, Soqotra.
- Falkia oblonga* Krausse. var. *minor* C.H.Wright. (8)
Yerim, Qa Jahran, Wadi shalalah.
- Hewittia scandens* (Milne)Mabberley (8)
(*syn.H. bicolor (Vahl)Wight & Arn, H. sublobata (L.f.)O.Kuntze.*)
Rare: J. Bura', J. Milhan.
- Hildebrandtia africana* Vatke. subsp. *arabica* @ صهري ، خيران
Taiz, Madinat Ashsharq, Wussab, al Mishrafa, Qa'tabah, Dimt, Juban, Adhale, J. Al Arays (Abyen), J. Chattan (Huf).
- Ipomoea aquatica* Forssk. (8)
Threatened: Wadi Zabid.
- Ipomoea batatas* (L.) Lam. (8) بطاطا حلوة
Cultivated.
- Ipomoea cairica* (L.) Sweet (8)
(*syn. I. palmata Forssk.*)
Rare: J. Attur- Suq al Aman, Soqotra.
- Ipomoea carnea* Jacq. @
Taiz, Tihama foothills.
- Ipomoea dichroa* Choisy (3,8)
(*syn. I. arachnosperma Welw., I. Pilosa Sweet.*)
Rare: Al Misrakh, Al U'deyn, Rihab-Wussab.
- Ipomoea eriocarpa* R.Br. (3,8)
(*syn. I. hispida (Vahl)Roem. & Schult.*)
Tihama, low altitude mountains, Al U'deyn, Utuma, Tarim.
- Ipomoea ficifolia* Lindl. (8)
Rare: Al H'adiyyah, Sa'dah, J. Milhan, al Mahabisha, J. Al Arays (Abyen).

- Ipomoea kotschyana* Hochst. ex Choisy (2)
(syn. *I. laciniata* Balf.f.).
Soqotra.
- Ipomoea nil* (L.) Roth (8)
(syn. *I. scabra* Forssk.).
Introduced: Taiz, J. Bura', Aden, Lahj, Al U'deyn, Soqotra.
- Ipomoea obscura* (L.) Ker-Gawl. (8)
Tihama foothills and highlands, al Kod, Soqotra.
- Ipomoea pes-caprae* (L.)R. Br. (8)
(syn. *I. biloba* Forssk.).
Tihama, Taiz (warazan), Ash shihr, Al Mukalla-W. al Maqad, Huf al Mahara,
Soqotra.
- Ipomoea purpurea* (L.)Roth. (8)
Introduced: Taiz, Ibb, W. Bana, Sanaa, Hajjah ..
- Ipomoea sinensis* (Descr.) Choisy.
var. *blepharospala* (A.Rich.) Meeuse. (2)
J. Saber, Soqotra.
Subsp. *sinensis*. (8)
Rare: W. of Al U'deyn.
- Ipomoea triflora* Forssk. (8)
(syn. *I. gossypina* Defl.).
Tihama foothills, Wussab Assafel, J. Rayma, Haraz.
- Ipomoea turbinata* Lag. (in Willdenowia 32: 239-269, 2002)
(syn. *I. Muricata* (L.) Jacq.
Al Mahara: Coastal mountains, below Shah'rut.
- Ipomoea verticillata* Forssk. (8)
Rare: W. Mour.
- Merremia hadramautica* (Baker) R.R.Mill * مطك، منكة، متك (3)
Hadhramaut
- Metaporana obtusa* (Balf.f.) Staples * (2)
(syn. *Porana obtusa* Balf.f.)
Soqotra
- Seddera arabica* (Forssk.)Choisy. فدوة، سدره @
(syn. *S. bottae* Jaub. & Spach, *S. somalensis* (Vatke)Hall.f.).
Taiz, Tihama foothills, medium altitude mountains, Ibb, Adhale', Hadhramaut .
- Seddera fastigiata* (Balf.f.) Verdc. * (2,6)
(syn. *Breweria fastigiata* Bal.f., *Convolvulus fastigiata* (Balf.f.) Verdc., *C. socotranus* Verdc.).
Soqotra
- Seddera glomerata* (Balf.f.) Schwartz. (2)
(syn. *Bonamia glomerata* (Balf.f.)Verdc., *Breweria glomerata* Balf.f.)
Hadhramaut, Soqotra.
- Seddera intermedia* Hochst. & Steud. (3)
Lawdar (Abyen), Yafea.
- Seddera hadramautica* R.R. Mill ined. ??
Hadhramaut
- Seddera latifolia* Hochst. & Steud. (2,8)
(syn. *Breweria latifolia* Benth. & Hook., *S. spinescens* Peter)

- Tihama foothills, Maqbana (W. of Taiz), Madinat Ashsharq, Radaa, Nihim, Abyen, Adhale', Hadhramaut, Soqotra.
Seddera pedunculata (Balf.f.)Verdcourt. * (2)
(syn. *Breweria pedunculata* Balf.f.) (Balf.f., 1988)
Soqotra.
- Seddera secundiflora Jaub. & Spach (8)
(syn. *S. hallieri* Engl. & Pilg.).
Highland areas.
- Seddera semhahensis R.R.Mill. * @
Samha island
- Seddera spinosa (Vierh.)Verdc. * @ زدره
(syn. *Bonamia spinosa* Vierh., *Convolvulus spinosa* Vierh, *C. Kossmatii* Vierh.)
Abdul Kuri Island.
- Seddera virgata (Hochst. & Steud.)Varke. (1,8)
Maqbana (W. of Taiz), Tihama & foothills, Aden, Lahj , Abyen.
- Stictocardia macalusoii (Mattei)Verdcourt. (3)
(syn. *S. tiliaefolia* (Choisy)Hallier.).
Introduced : Cultivated. as ornamental
- CRASSULACEAE**
- Aeonium leucoblepharium Webb ex A. Rich. (7,8)
(syn. *Aeonium chrysanthum* (Birtten)Berger, *Sempervivum chrysanthum* Britten)
At Turbah, Al U'deyn, His'n Hab (Ba'adan), Ibb, Sumara, Khidar.
- Cotyledon barbeyi Baker. (7,8) خدار، تفلق، ضبع
At Turba, Al Husha, Ashue'ib, Dimt, Ibb, Sumara, Dhamar, J. Bura', al Qaeedah, Khidar, Qa Bakil.
- Crassula alata (Viv.) Berger.
subsp. pharnaceoides (Fisch. & Meyer) Wick. & Bywe. (in Kew Bull. 36: 633 (1980)
(syn. *C. pharnaceoides* Fischer & C.Meyer, *Tillaea pharnaceoides* Steud.).
Highlands, Soqotra.
- Crassula alba Forssk. @ لسان الكيش، أصبع حريوه
(syn. *C. abyssinica* A. Rich.)
High altitude mountains: Dhamar, Ibb, Yerim, Haddah.
- Crassula alsinoides (Hook.f.) Engl. (7,8)
(syn. *C. pellucida* L. subsp. *alsinoides* (Hook.f.)Tolken, *Tillaea alsinoides* Hook.f.).
J. Rayma.
- Crassula granvikii Mildbr. (7)
(syn. *Bulliarda abyssinica* A.Rich., *C. abyssinica* A.Rich., *C. hedbergii* Wickens & Bywater. (8)).
Rare: high altitude mountains e.g. Kawkaban, J. Sumara, J. Manar.
- Crassula schimperi Fisch. & Mey.
subsp. phyturus (Mildbr.) Ros. (6,7)
(syn. *Tillaea pentandra* Royle) (Balf.f., 1988)
Soqotra.
subsp. schimperi (7,8)
(syn. *C. pentandra* (Edgew.)Schoenl., *Tillaea pentandra* Edgw.).
J. Saber, J. Habashi, Yerim-Ad Dalil, Utuma, J. Allowz, Shibam.
- Kalanchoe alternans (Vahl.) Pers. ** @

- (syn. *Cotyledon alternans* Vahl., *C. orbiculata* Forssk., *K. rosulata* E.Raadts, *Verea alternans* (Vahl.) Sprenger.)
At Turba, centerla escarpment, Dhamar, Khawlan Ashsham, Mukayra.
- Kalanchoe bentii* C.H.Wright subsp. *bentii* * (7)
(syn. *K. deflersii* Gagnep., *K. teretifolia* Defl.)
Southern low & medium altitude mountains, Hadhramaut, J. Gedu (Shabwa).
- Kalanchoe citrina* Schweinf. (7,8)
Rare: Haraz, al Hayma al Kharijiya.
- Kalanchoe deficiens* (Forssk.)Asch. & Schaeinf.
(syn. *Cotyledon deficiens* Forssk., *C. nudicaulis* Vahl., *K. aegyptiaca* (Lam.)DC., *K. glaucescens* Brit. var. *deficiens* (Forssk.)Senni.)
var. *deficiens* * (7) @
J. Bayhan (At Turba), J. Ghayami (Al Hujariyah), Al Qae'dah, J. Habashi, Mirkiz As Salam, between Al Hawban and Naqil Al Ibil, near Khalawah (J. Sawraq), between Rada' and Juben.
var. *glabra* Raatts. * @
(syn. *K. glaucescens* Britten subsp. *arabica* Cuf.)
Shara'b Assalam, Khawlan, At Tur (SW Hajjah).
- Kalanchoe farinacea* Balf.f. * (@, 2,6) بجلوهن، بجلهن
Soqotra
- Kalanchoe lanceolata* (Forssk.)Pers. @ أذن
(syn. *K. glandulosa* A. Rich, *Cotyledon lanceolata* Forssk., *Verea lanceolata* (Forssk.) Sprengel)
Widespread: Taiz, J. Sawraq, Wadi Benna, Qa Bakil.
- Kalanchoe robusta* Balf.f. * (2)
(syn. *K. abrupta* Balf.f.) (6, Balf.f., 1988)
Soqotra
- Kalanchoe rotundifolia* (Haw.)Haw. @
Soqotra.
- Kalanchoe yemensis* (Deflers) Schweinf. * (7,8) باكور
(syn. *K. brachycalyx* A.Rich. var. *yemensis* Defl.)
Sharaab, J. Habashi, J. Sumara, Al U'deyn, E of Ibb, Assayani, Taiz-AdDimna road, W. Bana, W. Dhahr, Maaber, Qaa Bakil, N of Ibb, Juben, Dimt, Qa'tabah, Al Husha, Sanaa, Waalan.
- Sedum hispanicum* L. (7,8)
V. rare: Ibb, W. Bana (J. Ta'aker, J. Manar).
- Umbilicus horizontalis* (Guss.) DC. (2)
var. *horizontalis* (7)
Soqotra.
var. *intermedius* (Boiss.) Chanm. (7)
(syn. *Umbilicus intermedius* Boiss.) (8)
Rare: J. Sumara, W. Bana, J. Maswer.
- CUCURBITACEAE**
- Bryonia cretica* L. (3) ??
Taiz, Tihama foothills.
- Citrullus colocynthis* (L.) Schrad. @ حنظل، حدج، علقم @
Coastal areas, western mountains, Lahj , Abyen, Marib, Shabwa, Hadhramaut ,
Soqotra.
- Citrullus lanatus* (Thunb.)Mastsum & Naka. (8)

- (*syn. C. vulgaris Schrad.*).
Tihama, Radaa, Sanaa, al Boun, Soqotra.
- Coccinia grandis* (L.) Voigt. (1,8)
(*syn. C. moghadd (Gmel.) Scheinf., C. inedulii Forssk.*).
Tihama, Western mountains e.g. Taiz, Assayani, Al U'deyn, Adhale', Lahj .
- Corallocarpus glomeruliflorus* Schweinf. (3) مدركة
Al Burayqa (Aden), Hadhramaut, Shabwa.
- Corallocarpus epigaeus* (Rottl.) C.B.Cl. (Biologiske skrifter, Volume 54)
NE of Hawf (Al Mahara)
- Corallocarpus schimperi* (Naud) J.D.Hook. (1,8)
(*syn. C. erostris (Schweinf.) J.D.Hook.*)
Tihama & foothills (Bagel, al Marawiah, al Khalifa, J. Bura', Aden, Huf (Al Mahar).
- Ctenolepis cerasiformis* (Stocks) Hook.f. (8) حميم
(*syn. Blastania fimbristipula (Fenzl.) Kotschy & Peyr.*)
Tihama and foothills, Arramadah and Annashama (Taiz), J. Eraf.
- Cucumis canoxyi* Thulin & Gifri. * (in Nord. J. Bot. 14(3): 315-317, 1994)
Hadhramaut: Al Mukalla, NW Ghayl Bawazir, Ash shihr-Sayun road, SE Tarim, above Wadi Adem .
- Cucumis dipsaceus* Ehrenb. (2,6)
Soqotra
- Cucumis ficifolius* A. Rich. (2,6)
(*syn. C. ficifolius A.Rich. var. naudin*)
Soqotra
- Cucumis figarei* Del. ex Naud. @
(*syn. C. ficifolius A.Rich. var. ficifolius Naud., C. pustulatus (Vaud.) Hook.*).
Taiz, Al U'deyn, Ibb.
- Cucumis melo* L. subsp. *agrestis* (Naud.) Greben.). @ بطيخ
Cultivated, Tihama, west Taiz.
- Cucumis metuliferus* E.Mey. ex Naud. @
Taiz, J. Bura', Al U'deyn, Ibb.
- Cucumis prophetarum* L. (حمك الحمير، حيبب (سقطري)، هرثب (عبد الكوري))
subsp. *dissectum* (Naud.) Jeffr. @
Taiz, Sanaa, Dhamar, Tihama, Soqotra.
subsp. *prophetarum* L. (1,8) هرثب (عبد الكوري)
Manakha, Aden, Lahj , Hadhramaut, Abdul Kuri Island, Samha.
- Cucumis sativus* L. @ خيار
Cultivated, as wild NE of Hawf (al Mahara)
- Cucurbita pepo* L. @ كوسة
Cultivated
- Cucurbita maxima* Duchesne. @ قرع، يقطين، دبة
Cultivated
- Cucurbita moschata* (Duchesne) Duchesne. @ قرع، اليقطين (القرع العسلي)
Cultivated
- Dendrosicyos socotrana* Balf.f. * (2,6) قمحين
Soqotra, Samha.
- Diplocyclos palmatus* (L.) C.Jeffrey (ref. Thulin, et al, 2001)
NE Hawf (Al Mahara)
- Eureiandra balfourii* Cogn. * (2,6)

- Soqotra
Kedrostis foetidissima (Jacq.) Cogn. @
Widespread.
Kedrostis gijef (J.f.Gmel.) C.Jeffrey. (8)
(syn. *Corallocarpus gijef* (Forssk.) Hook.f., *C. parvifolius* Cogn.).
Tihama foothills, W. Eydid.
Kedrostis hirtella (Naud.) Cogn. (8)
Tihama: al Manssura, Bayt al Faqih.
Kedrostis leloja (Forssk.) Jeffrey. (8)
Alluhayya (Tihama).
Lagenaria siceraria (Mol.) Standl. @ دبة
(syn. *L. vulgaris* (L.) Ser.).
Cultivated
Luffa acutangula (L.) Roxb. @
(syn. *L. forsskalii* Schweif.).
Hagdah (w of Taiz), Wussab Assafel, Tihama.
Luffa cylindrica (L.) M.J.Roem. (8) ليفة
(syn. *L. aegyptiaca* Mill.).
Cultivated: Tihama foothills, Zabid, west of Taiz.
Momordica balsamina L. @ حميم
Tihama foothills, Taiz, Al Qafr, Lahj, Soqotra.
Momordica charantia L. @
Taiz-Hagda, Aden, Soqotra.
Zehneria anomala C. Jeffrey. (1,8)
Widespread: Tihama and Foothills, southern and eastern mountains, Abyen.
Zehneria scabra (L.) Sond. @
(syn. *Melothria tomentosa* Cogn., *M. punctata* (Thunb.) Cogn.)
subsp. *argyrea* (A.Zimm.) Jeffrey. (8)
Tihama, Bait al Faqih.
subsp. *scabra*. (8)
J. Saber, Sharab, Khawlan, Adhale', J. Alloz.
- CUPRESSACEAE**
Cupressus sempervirens L. var. *horizontalis* سرو افقي
Introduced: Cultivated as an ornamental.
Cupressus sempervirens L. var. *pyramidalis* سرو عمودي
Introduced: Cultivated as an ornamental.
Juniperus procera Hochst. ex. Endel. @ عرعر، فروش
Taiz (J. Saber, J. Eraf, Hayfan, Thujan Al Qabet'a, Same', J.Sawraq), W of Sanaa
(J. al Lowz), Saada, J. Gedu (Shabwa)..
Thuja orientalis L. @
Introduced: Cultivated as an ornamental.
- CUSCUTACEAE**
Cuscuta campestris Yunker.
Shibam (Hadhramaut)
Cuscuta chinensis Lam. (2,6)
Soqotra.
Cuscuta planiflora Ten. @
Widespread in the medium and high mountain areas: Taiz, Adhabab, Warazan, J.
Saber, Bani Matar, W of Sanaa, Soqotra, Abdul Kuri Island.

CYCLOCHEILACEAE

- Asepalum eriantherum* (Vatke)Marais. (3)
(*syn. Cyclocheilon eriantherum* (Vatke)Engl.)
Cyclocheilon somalense Oliv. (ref. Thulin., et al, 2001)
Jol (Hadhramaut), Below Shah'rut (Al Mahara).

CYMODOCEACEAE

- Cymodocea rotundata* Aschers. & Schweinf. (8)
Al Hudayda, al Mukha, Soqotra.
Cymodocea serrulata (R.Br.) Aschers. & Magn. (8)
Al Hudayda, al Makha, Soqotra.
Halodule uninervis (Forssk.) Aschers. (8)
(*syn. Dplanthera uninervis* (Forssk.)Williams, *Zostera uninervis* Forssk.)
Al Hudayda, al Makha, al Khawkha, Soqotra.
Syringodium isoetifolium (Aschers.) Dandy. (8)
(*syn. Cymodocea isoetifolia* Aschers.).
Al Hudayda, al Makha, Soqotra.
Thalassodendron ciliatum (Forssk.) den Hartog (8)
(*syn. Cymodocea ciliata* (Forssk.) Ehrenb.
Al Hudayda, Al Makha, Hunaish Island, Soqotra

CYPERACEAE

- Abildgaardia ovata* (Burm.f.) Kral (in Flora of Ethiopia & Eritrea, vol. 6, p. 208, 1997)
(*syn. F. monostachyous* Vahl, *F. ovata* (Burm.f.) Kern, *Carex ovata* Burm.f.).
Highlands: At Turbah, Rujum.
Bulbostylis atrosanguinea (Boeck.)C.B.Cl. (8)
Above Al H'adiyyah.
Bulbostylis barbata (Rottb.) C.B.Clarke (2)
Soqotra
Bulbostylis hispidula (Vahl) R.Haines (2)
(*syn. Fimbristylis hispidula* (Vahl) Kunth)
Soqora
Bulbostylis humilis Kunth (8)
(*syn. B. striatella* C.B.Cl.)
Rare: J. Ta'aker, J. Manar.
Carex brunnea Thunb. var. *arabica* Hooper. * (8)
Rare: Madahit (At Turbah), J. Saber, Dhisufal, J. Shibam (Haraz), J. Kaburah
(near Al H'adiyyah, Rayma).
Carex distans L. var. *sinaica* (Nees)Boeck. (8)
Yerim, Dhamar, Haraz, J. Ba'adan.
Carex negrii Chiov. (8)
Rare: J. Sumara.
Carex stenophylla Wahl. (8)
Widespread in highlands.
Cladium mariscus R.Br. @ عورف
Wadi Darho (Soqotra).
Cyperus alopecuroides Rottb. (8)
Rare: W. Habab, J. Bura'.
Cyperus alternifolius Vahl subsp. *flabelliformis* Rottb. (8)
Taiz, Tihama foothills, J. Bura'.
Cyperus amabilis Vahl. (2)

- Soqotra.
Cyperus articulatus L. (8)
Taiz, Ussab Assafel, J. Bura', al Kadan.
- Cyperus blysmoides Hochst. ex C.B.Cl. (8)
(syn. *C. bulbosus Vahl var. spicatus Boeck.*).
Rare: Kitab, Russaba, J. NuqumJ. Ta'aker.
- Cyperus bulbosus Vahl @
Bani Umar, Mafhaq, J. Milhan, Madinat Ashsharq, Dhamar, Yerim to Sanaa,
Soqotra.
- Cyperus compressus L. (2)
Soqotra
- Cyperus conglomeratus Rottb. @سعدہ، قرس
(syn. *Cyperus amblyostachys Fenzl., C. curvulus Boeck., C. proteinolepis Bckir.*
Marib, Harib, Al Azizi Island, Aden, Hadhramaut , Kamaran island, Soqotra,
Abdul Kuri Island.
- Cyperus cyperoides (L.) Kuntze (2)
Soqotra
- Cyperus difformis L. (8)
Rare: Suq Arrabua in Wussab Assafel, Soqotra.
- Cyperus dilatatus Schumach. & Thonn. (2)
Soqotra
- Cyperus effusus Rottb. (8)
(syn. *C. conglomeratus Rottb. var. effusus (Rottb.)Kuck.*). (3)
Tihama, Hunesh island.
- Cyperus esculentus L. (8)
Yerim.
- Cyperus fissus Steud. (8)
Rare: Highland areas e.g. J. Saber, J. Ta'aker, near Sanaa.
- Cyperus fuscus L. (8)
Rare: W. Assudan near al Qa'idah.
- Cyperus jeminicus Rottb. (8)
(syn. *C. conglomeratus Rottb. var. muticulmis (Boeck.)Kuek.*). (3)
Al H'adiyyah.
- Cyperus laevigatus L. (8) سعدہ
(syn. *Juncellus laevigatus (L.)C.B.Cl.*). (5)
Widespread: Coastal areas, Tihama foothills, Taiz, Dhisufal (Ibb), Hammam Ali,
Hammam Damt, Marib, Wadi Rimaa mouth, Soqotra.
- Cyperus longus L. (8)
Tihama foothills, Madinat Ashsharq, Soqotra.
- Cyperus nubicus C.B.Cl. @
Taiz - Sharaab, At Turba, Adhabab, J. Milhan, W. Habab, Madinat Ashsharq-
Hammam Ali.
- Cyperus niveus Retz. var. leucocephalus (Kunth) Fosberg in Kew Bull. 31: 835 (1977)
(syn. *C. obtusiflorus Vahl.*) (8)
Highlands.
- Cyperus nutans Vahl var. eleusinoides (Kunth)Haines. (8)
(syn. *C. eleusinoides Kunth.*)
J. Ba'adan, W. addur, W. Habab, J. Rayma, Haraz, W. Assukhna.
- Cyperus rigidifolius Steud. (8)

- Highlands, e.g. Ibb, Khawlan ashsham, Sanafan.
Cyperus rotundus L.
Subsp. *rotundus*. @ بصللة، زيل المعيز، سعد@
Taiz, Tihama, Aden, Dhamar, Bani Hushaysh, Sanaa, near al Mukalla, Soqatra.
Subsp. *tuberosus* (Rottb.)C.B.Cl. (8)
W. al Ayn near Hajjah .
- Cyperus rubicundus* Vahl @
(syn. *C. teneriffae* Poir.). (3) بصللة، سعد(3)
Tihama foothills, J. Bura', Taiz, Shibam, Soqatra.
- Cyperus squarrosus* L. (2)
(syn. *C. aristatus* Rottb., *Mariscus squarrosus* (L.) C.B. Clarke)
Rare: Rihab, Wussab, W. Asskhnah, Soqatra.
- Cyperus stramineo-ferrugineus* Kuk. (2)
(syn. *Mariscus stramineo-ferrugineus* (Kuk.) Napper)
Soqatra
- Cyperus tenuiculmis* Boeck. (2)
Soqatra
- Cyperus wissmannii* O. Schwartz. (8)
Rare: Highlands e.g. At Turbah, Waalan, Dhawran, J. Ashsharq.
- Eleocharis caduca* (Del.) Schultes (2)
Soqatra
- Eleocharis geniculata* (L.) Roem. & Schult. (1,8)
(syn. *E. capitata* R.Br., *E. caribaea* (Rottb.)Blake, *Heleocharis capitata* (L.)R.Br.).
Tihama foothills, near Attirbah, Huth, Dhisufal: Ibb, Hadhramaut , Soqatra.
- Eleocharis palustris* (L.)Roem & Schult. (8) خزاج
Highlands e.g. Attawilah, J. Hubaysh.
- Fimbristylis complanata* (Retz.) Link. (8)
Rare: Dhisufal: Ibb, Sa'dah, W. Bana, Soqatra.
- Fimbristylis cymosa* R. Br. (8)
(syn. *F. obtusifolia* Knuth., *F. spathacea* Roth.).
Tihama & foothills, J. Bura', At Turbah, Soqatra.
- Fimbristylis dichotoma* (L.) Vahl (8)
(syn. *F. annua* (All.) Roem. & Schult., *F. diphylla* Vahl, *Scirpus dichotomus* L.)
Rare: Dhisufal, J. Ba'adan, Soqatra.
- Fimbristylis ferruginea* L.)Vahl (2)
Soqatra.
- Fimbristylis longiculmis* Steud. subsp. *sieberiana* (Kunth) Lye (in Flora of Ethiopia & Eritrea, vol. 6, p. 208, 1997)
(syn. *F. sieberiana* Kunth.) (8)
Rare: Tihama foothills, J. Bura', Sa'dah, Yerim-Radhmah.
- Fuirena ciliaris* (L.) Roxb. (2)
(syn. *F. glomerata* Lam.)
Soqatra.
- Fuirena felcicis* Hooper. * (8)
Rare: Above Al A'duf (near At Turbah).
- Fuirena pubescens* (Poir.) Kunth. (8)
(syn. *Carex pubescens* Poir.)
Rare: al Ahjur.
- Isolepis setaceus* (L.) R.Br. (8)

- (*syn. Scirpus setaceus L.*).
High plateau.
- Kyllinga brevifolia Rottb. @ 2
Hajher (Soqotra).
- Kyllinga chlorotropis Steud. (8)
(*syn. Cyperus chlorotropis (steud.) Mattf. & Kuk.*)
Highlands: Ibb, J. Ashsharq.
- Kyllinga microstyla C.B. Clarke (2)
(*syn. Cyperus microstylis (C.B. Clarke) Mattf. & Kuk.*)
Soqotra
- Kyllinga odorata Vahl. (8)
Rare: J. Milhan.
- Mariscus amauropus (Steud.) Cuf. (8)
(*syn. Cyperus leptophyllus Hochst.).*
J. Bura', Haraz, Mafhaq, W. Asskhnah.
- Mariscus cyperinus Vahl. (8)
V. rare: J. Shibam (Haraz), Al H'adiyyah.
- Mariscus dubius (Rottb.)Hutch. (8)
J. Dhawran.
- Mariscus plateilema Steud. (8)
Rare: J. Ta'aker
- Mariscus schimperi Hochst. (8)
(*syn. Cyperus neo-schimperi Kuck.*).
Rare: Highlands (e.g. J. Raymah, J. Shibam, J. Milhan).
var. *viridis* (Schweinf.)C.B.Cl. (8)
Western mountains, highlands.
- Pycurus elegantulus (Steud.) C.B.Cl. (8)
(*syn. Cyperus elegantulus Steud.*).
Highlands e.g. J. Saber.
- Pycurus flavescens (L.) P.Beauv. ex Reich. (8)
Western mountains e.g. At Turbah, Hajjah .
- Pycurus polystachyos (Rottb.)P.Beauv. (8)
(*syn. Cyperus polystachyos Rottb.*).
Taiz, Haraz.
- Pycurus puius (L.) Nees
(*syn. Cyperus nitens Retz., C. pumilus L.*)
Soqotra
- Pycurus sanguinolentus (Vahl) Nees. (8)
Rare: At Turbah, Adhabab, Haraz, Rujum.
- Rhynchospora corymbosus (L.) Britt. (in Flora of Ethiopia & Eritrea, vol. 6, p. 208, 1997)
(*syn. R. aurea Vahl, Scirpus corymbosus Heyne & Roth.*) (3)
- Schoenoplectus inclinatus (Del.) Lye (8) عزف
(*syn. Scirpus inclinatus (Del.)Aschers. & Schweinf., S. brachceras A.Rich.*).
Rare: Ibb, Dhamar, J. Shibam, al Mahwit.
- Schoenoplectus lacustris (L.) Palla (8)
(*syn. Scirpus lacustris L.*).
Highlands: Yerim, W. Waalan, Haddah, al Ahjur.
- Schoenoplectus littoralis (Schr.)Palla (8)
(*syn. Scirpus littoralis Schrad.*).

- Rare: Lagoons of Coastal areas.
Schoenoplectus mucronatus (L.)Palla. (8)
Rare: between Rujum and Attawilah.
Schoenoplectus proximus (Steud.)Raynal. (8)
Dhamar.
Schoenoxiphium sparteum (Wahl.)Kuek. (8)
Dhisufal: Ibb, J. Ta'aker.
Schoenus nigricans L. (8)
At Turbah, al Ahjur.
Scirpoides holoschoenus (L.)Sojak. (8)
(*syn. Scirpus holoschoenus L., Holoschoenus vulgaris Link.*).
Marib, Nihim, Dhi Naaim, Sa'dah-J. Manar.
Scleria bulbifera Hochst. ex A.Rich. (8)
J. Zallamlam above J. Al H'adiyyah.

DENNSTAEDTIACEAE

- Pteridium aquilinum (L.) Kuhn @
Western mountains, Eskand Hagher (Soqotra).

DIOSCOREACEAE

- Dioscorea lanata Balf.f. * (2)
Soqotra

DIPSACACEAE

- Ptercephalus frutescens Hochst. ex A.Rich. var. pumilus (Def.)O. Schwart. @
J. Bura', Lakamat Ashshawish (W of Dhamar), Kuhlan Affar, J. Sumara, al
Mahwit, J. Maswer, W. of Sanaa, Hajjah .
Ptercephalus pulverulentus Boiss & Bal. ex Boiss. (8)
V. rare: Sanaa-Waalan.
Scabiosa columbaria L. @
Highlands: J. Saber (Taiz), Ibb, Dhi Sufal, J. Sumara, Yerim, Mashwara,
Ashshawaet', Kitab, Al Makhader, Dhamar.

DIRACHMACEAE

- Dirachma socotrana Schweinf * (2,6) درخم
Soqotra

DRACAENACEAE

- Dracaena cinnabari Balf. * @ عرھیب، امسیلة، دم الأخوين
Soqotra.
Dracaena serrulata Baker. @ خوب، عراب، عیروب، کسل، کسار، فالقة الجوس
J. Saber, Hajjah , Huth, al Mahabisha, al Hujariyah (Al Abus Al MASHawez
village), Wadi Aleber, AlHamura, Alsufra, Between AlHussain & Alshuaeib
Shahara, J. Bura', Hadhramaut, Yafee, Yahar, al Mahara.
Polianthes tuberosa L. (8) سميق، رنجز
Cultivated: J. Bura', Suq al Qita between al Mahwit & Hufash.
Sansevieria ehrenbergii Schweinf. ex Bak. @ سنة، سانی
Tihama foothills, Qatabah, Taiz, Lahj , Dhisufal, Al U'deyn, Al Qae'da, Al Qafir,
al Dhale', Jihaf, Al Azareq, Al Husha, Damt, Qae'taba, Al Azareq, Shabwa.
Sansevieria forskaliana (Schult.)f.)Hepper & Wood. @ هرق، سلحف، دنق
(*syn. S. abyssinica N. E. Br, S. guineensis Willd.*).
Tihama foothills, Taiz , Al Hujeria, Jihaf, Al Azareq, Al Husha, Damt, Qae'taba,
Al Azareq, Ibb, Al U'deyn.

DRYOPTERIDACEAE

Dryopteris inaequalis (Schlech.) O.Kuntze. (8)

Rare: J. Saber, J. Manar, al Muhwit, J. Raymah, J. Milhan.

Dryopteris schimperiana (A.Br.) C.Chr. (8)

(syn. *D. rigida* Schwart).

Western mountains, Hagher (Soqotra).

Hypodematium crenatum (Forssk.) Kuhn (8)

(syn. *Nephrodium crenatum* (Forssk.) Bak., *Polypodium crenatum* Forssk.,
Dryopteris crenata (Forssk.) Kuntze).

Hajjah, Jiblah, Soqotra, Utuma, Coastal mountains NW of Jadib (Al Mahara).

Polystichum fuscopaleaceum Alston. (8)

Rare: J. Maswer, Hagher (Soqotra).

Tectaria gemmifera (Fee) Alston. (8)

V. Rare: Al H'adiyyah, J. Milhan.

EBENACEAE

Diospyros mespiliformis Hochst. ex DC. (8) بساس

Rare: Taiz, J. Raymah, J. Millhan, Al H'adiyyah, Khawlan Ashsham.

Euclea divinorum Hiern (2) @ كالة، كيلا

(syn. *Euclea balfourii* Hiern, *E. laurina* Hiern)

Soqotra

Euclea racemosa Murr. subsp. *schimperii* (A.DC.) F.White. (8) بساء، كآيت

(syn. *E. kellau* Hochst., *E. forskalii* Schweinf.).

Tihama foothills, J. Eraf, J. Bura', J. Milhan, J. Rayma, Khawlan Ashsham, S.

Madinat Ashsharq, J. Fartak and Huf (Al Mahara).

ELAEAGNACEAE

Elaeagnus angustifolia L. (8) زيزفون

Introduced: Cultivated as an ornamental in J. Saber

EPHEDRACEAE (GNETACEAE)

Ephedra foeminea Forssk. (7)

(syn. *E. campylopoda* C. A. Mey.).

J. Eraf..

Ephedra foliata Boiss. ex C. A. Mey. (7)

(syn. *E. ciliata* C.A.Mey, *E. peduncularis* Boiss).

Aden, Soqotra, Track from Al Mukalla to Bayn al Jibal (Hadhramaut), J. Gedu:

Shabwa, Plateau around the settlement Sarif (Al Mahara).

Ephedra milleri Freitag & Mairer-Stolte. ** (7)

Aden, Hadhramaut, al Mahara.

Ephedra pachyclada Boiss. subsp. *sinaica* (H.Riedl) Freitag & Maier-Stolte. (7)

(syn. *E. sinaica* H. Riedl)

High altitude mountains e.g. Yasleh pass.

EQUISETACEAE

Equisetum ramosissimum Desf. (7)

Tihama foothills, Taiz.

ERICACEAE

Erica arborea L. (8)

High altitude mountains: J. Saber, Ibb, J. Sumara, J. Maswer, J. Rayma, J. Milhan.

ERYTHROXYLACEAE

Erythroxylon socotranum Thulin * (2)

Soqotra

EUPHORBIACEAE

- Acalypha ciliata* Forssk. (8)
Tihama foothills and low escarpment.
- Acalypha crenata* A.Rich. (8)
Rare: J. Milhan.
- Acalypha fruticosa* Forssk. عنشط، ذفران، شجرة الروبعة، خميم، قصلة
var. *fruticosa* @
Tihama foothills, western mountains, Taiz, Lahj, Lawdar, Yafea, Hadhramaut
var. *villosa* Pax ex Hutch.J. (8)
J. Bura', Al H'adiyyah, J. Milhan.
- Acalypha indica* R. @
Tihama foothills, low escarpment, Taiz, Lahj, Abyen, al Mahara, Soqotra.
- Acalypha lanceolata* Willd. (8)
(*syn. A. glomerata* Hutch.).
J. Bura', J. Milhan, Haraz, J. Raymah.
- Acalypha racemosa* Baill. (8)
(*syn. A. paniculata* Miq.).
Taiz, J. Raymah, Hajjah, Haraz,
- Andrachne aspera* Spreng. إقليت، عشرة @
Taiz to Hagdah, Tihama foothills, Dhamar, J. Milhan, S. Amran.
var. *glandulosa* Hochst. (8)
Sanaa, Waalan.
- Andrachne schweinfurthii* (Baf.l.f.) Radcl.-Sm. * (2)
var. *papillosa* A.r.Smith (2)
Soqotra.
var. *schweinfurthii* (2)
Soqotra.
- Andrachne telephioides* L. (8)
W. of Sanaa, J. Allowz, Abdul Kuri Island.
- Bridelia scleroneura* Muell.-Arg. (8)
(*syn. B. tomentosa* Blume var. *glabrata* Schweinf.).
V.Rare: Tihama foothills e.g. J. Milhan, J. Bura', J. Rayma.
- Cephalocroton socotranus* Balf.f. * @ طان، درخم
(*syn. Cephalocrotonopsis. soqotranus* (Balf.f.)Pax.).
Soqotra.
- Chrozophora oblongifolia* (Del.)Juss @ تتون، ام النار، شجرة جهنم
(*syn. C. obliqua* (Vahl.)Juss ex Spreng, *C. tinctoria* (L.) Raf.). (6)
Widespread: Tihama, Taiz, Marib, Harib, Sa'dah, Huth, Lahj, Abyen,
Hadhramaut, Soqotra.
- Clutia lanceolata* Forssk. سعورة (8)
(*syn. C. myricoides* Jaub. & Spach).
Dhisufal: Ibb, Assayani, Mashwara, Jibla, Ashawaet', Adhale'.
- Clutia richardiana* Mull. Arg. (8)
(*syn. C. jaubertiana* Muell.-Arg.).
High plateau.
- Croton confertus* Baker. ** @ حور
Al Mahara: Ras Fartak, Huf, between Jabid & Damqut, wadi Mougaib (NW of
Damqut) and Uteq (NE of Al Ayn)
- Croton lobatus* L. (8)
Tihama foothills, Taiz, Ibb, Abyen, Lahj .

- Croton macrostachyus* Hochst. ex Del. (8) خضرين، كف البس، خنا
J. Bura', J. Metha (Hadhramaut).
- Croton sarcocarpus* Balf.f. * (2)
Soqotra
- Croton socotranus* Balf.f.* @ مترر
(syn. *C. pachyclados* A.R. Smith, *Croton socotranus* var. *pachyclados* (Radcl.-Sm.) Radcl.-Sm.)
Saoqtra.
- Croton sulcifructus* Balf.f. * (2) مترر
(syn. *C. elaeagnoides* Balf.f.)
Soqotra.
- Dalechampia parvifolia* Lam. @
(syn. *Dalechampia scandens* L. var. *cordofana* (Hochst.) Miell. (8)
Tihama foothills, Taiz, Manakha, Huf (Al Mahara).
- Erythrococca abyssinica* Pax. (8)
At Turbah, Jiblah, J. Milhan, Shaharah.
- Euphorbia abdelkuri* Balf.f. * @ فرجل
Abdul Kuri island.
- Euphorbia acalyphoides* Hochst. ex Boiss.
(syn. *Euphorbia fodhliana* Defl.) (3)
Hadhramaut
- Euphorbia agowensis* Hochst. ex Boiss. (8)
Haraz.
- Euphorbia ammak* Forssk. ** @ عمق، ديول
At Turba, J. Saber, J. Habashi (Taiz), al Qaadah, Ibb, Dhawran, Ad Dalil, N of Al
Qa'idah, An Najd Al Ahmer, As Sayani, Ibb, J. Sumara, Jiblah, J. Ta'aker,
Dhisufal, Damt, Jihaf, Al Husha.
- Euphorbia appanata* Thulin & Gifrii. * (in Nord. J. Bot. 15 (2):193-195 (1995)
Mola Matar (Hadhramaut) .
- Euphorbia arabica* Hochst. & Steud. ex Boiss. (1,8)
(syn. *E. seclusa* N.E.Br. (1)
Tihama foothills, Aden, Khamis Bani Saad, Madinat, Abyen, Ashsharq, Rihab-
Wussab al Ali, Hadhramaut .
- Euphorbia arbuscula* Balf.f.* @ إمطها
Soqotra, Abdul Kuri Island, Samha
- Euphorbia balsamifera* Ait. @ شرفث، دنيا، دني، ساير، تشقووط (1,8)
(syn. *E. balsamifera* Ait. subsp. *adenensis* (Defl.)Bally)
Aden, Juban, Huth, Lawder, N. of al Baydha, Arhab, Juban, Abyen, Yafea, Huth,
Sa'dah, Huf, Ras Huweira, Hadhramaut, Abdul Kuri.
- Euphorbia bottae* Boiss. in DC. Prodr. 15: 95 (1862)
Western and southern highlands and the northern plateau.
- Euphorbia cactus* Ehrenb. @ إكرث، كرت، صال، عمق، عشيق
Taiz, Al Hawban, Shara'b, As Sayani, Al Qa'eda, Al Qafir, Dhisufal, Ad Dalil,
Mutheikhira, ADhale', Al Hus'ain, Jihaf, Al Husha.
var. *tortirama* Rauh & Lavr. * @ إكرث، كرت، صال
Taiz, Assayani, Al Qa'eda.
- Euphorbia chamaesyce* Linn. (6)
Soqotra
- Euphorbia cuneata* Vahl. @ خشل، شنساب، كلبان، دميع، يكا، رشح

- Taiz, Aden, Tihama foothills, Kuhlan, S. of Hajjah , Lahj , Abyen, Al U'deyn, Damt, Radaa, Madinat Ashsharq, Shabwa.
- Euphorbia cyathophora* Murr. (8)
Introduced : Taiz.
- Euphorbia dhofarensis* S.Carter
Al Mahara
- Euphorbia fractiflexa* S.Carter & Wood. ** (in Kew Bulletin vol 37(1): 73-76 (1982)
Haradh, Suq Al Khamis and Abs (Tihama), Wadi Liyah, Tihama foothills, Tor Al Baha,.
- Euphorbia fruticosa* Forssk. * @ شرور، شون الذئب @
(syn. *E. officinalis* Forssk.).
Between An Nashama and Al barakani Al (S of Taiz), High altitude mountains:, Hajjah , Kuhlan, Khamer-Huth.
- Euphorbia granulata* Forssk. @ قيل
Taiz, Tihama, Aden, Adhale' , Lahj , Shabwa, Abyen, Marib, Hadhramaut, Abdul Kuri, Samha. .
var. *glabrata* (Gay)Boiss. (8)
Tihama
- Euphorbia greuteri* Kilian & Hein, * (in Willdenowia 36: 441-446, 2006).
J. Al Arays.
- Euphorbia hadramautica* E.G.Baker. @ كرتيب (حوف)
Hadhramaut, Huf al Mahara, Soqotra, Samha..
- Euphorbia hajhirensis* A.R.Smith. * (2,6)
Soqotra
- Euphorbia hamaderoensis* A.G. Mill. * (2)
Abdul Kuri Island
- Euphorbia helioscopia* L. @
High altitude mountains.
- Euphorbia heterophylla* L. (8)
(syn. *E. geniculata* Ortega, *E. prunifolia* Jacq.).
Rare: Introduced in al Mishrafa, Madinat Ashsharq.
- Euphorbia hirta* L. @ قات الراعي، لبينة @
Tihama, Taiz, Tihama foothills, western mountains.
- Euphorbia inaequilatera* Sond. @ لبنان، لبينة @
(syn. *E. sanguinea* Hochst. & Steud. ex Boiss., *E. polycnemoides* Hochst ex Boiss.?).
Taiz, Sanaa, Dhamar, Yarim-Al Makhader road, Wadi Dhahr, Jiblah, al Baydha, Abdul Kuri Island.
- Euphorbia inarticulata* Schweinf. ** @ قصاص، صياب، كلح، محاط @
Widespread: Tihama foothills, western mountains, Taiz, Shara'b, Al Hoban, Lahj, Abyen, Kuhlan Affar, Radaa, Huth, Damt, Qa'tabah, Adhale', Al Husha, Guban, Dhisufal, Al Qae'da, Assayani, Al U'deyn, Al Qafr, Mutheikhira.
- Euphorbia indica* Lamk. (1,8)
(syn. *E. rosea* Retzius) (6)
Tihama, Aden, Soqotra.
- Euphorbia kischenensis* Vierh. * (2,6)
Soqotra
- Euphorbia kuriensis* Vierh. * (2,6)
Abdul Kuri Island

- Euphorbia larica* Boiss. (3)
Qishin, Shabwa, Ataq-Nuqba, Hadhramaut
- Euphorbia leptoclada* Balf.f. * (2,6)
Soqotra
- Euphorbia longetuberculosa* Hochst. (in DC Prodr.15, 95 (1862)
Alarqub – Modia area.
- Euphorbia meuleniana* O. Schwartz. * (@ 4)
Hadhramaut .
- Euphorbia noxia* Pax. (1)
Hadhramaut
- Euphorbia nubica* N.E.Br. (2,6)
Dhamar, Soqotra.
- Euphorbia obcordata* Balf.f. * (2,6)
Soqotra
- Euphorbia orbiculifolia* S. Carter ** (in Willdenowia 32: 239-269, 2002)
Al Mahara: Al-Fatk track, hills forming the eastern delimitation of the coastal flat
W of Damqau
- Euphorbia parcircramulosa* Schweinf. ** @ سحب، نضم، ديول
N. of Taiz, Al Qa'idah, As Sayani, Dhisufal, Mutheikhira, Maytem, S'uhban, Ibb,
W. of Dhamar, Damt, J. Asharq, Haraz.
- Euphorbia peplus* L. (8)
Wadi Shalalah, Haddah.
- Euphorbia prostrata* Ait. (8)
Introduced: Tihama, al Hujariyah, Mishrafa, J. Milhan.
- Euphorbia pseudoholstii* Pax. (8)
Rare: J. Bura'
- Euphorbia pulcherrima* Willd. (8)
Introduced: Cultivated as ornamental: Taiz.
- Euphorbia qarad* Defl. ** @ هدل، قصاص
Southern Tihama, Al Qala' village Bani Omar (S of Taiz), Bir Al Ahmer
(Mawza'), Wadi Allassbah (W of Taiz), Tor al Baha.
- Euphorbia quaitensis* S.Carter * (in Candollea 43(2): 594 (1988)
Between al Mukalla & Sayun, north Ashshahr: Hadhramaut
- Euphorbia retusa* Forssk.
(*syn. E. kahiresis* Raeusch and *E. cornuta* Pers)
Shabawa and Hadhramaut
- Euphorbia riebeckii* Pax. (3)
Near Bir Ali (Hadhramaut)
- Euphorbia rubriseminalis* S.Carter. * (in Candollea 43(2): 595 (1988)
Ataq-Nuqba , S of Sayun (Hadhramaut), Um Arradhama plateau and wadi
Daroon (Shabwa), Hat (Al Mahara).
- Euphorbia schimperii* Presl. @ إدهن، دهن، جعدن، عشيق
(*syn. E. bottae* Boiss., *Euphorbia oblanceolata* Balf.)
Taiz, Sumara, W. Dhamar, Yasli, Assayani, Raydah, Wussab al Ali, Rayma,
Haraz, Demt, Juban, al Husha, Ashue'ib, Soqotra, Abdul Kuri Island, Samha.
- Euphorbia schimperiana* Scheele. @ سييسان شوذب، رميد
(*syn. E. petitiata* A. Rich. *E. yemenica* Boiss.).
Taiz, Ibb, Dhamar, Sanaa, Lawdar, Hajjah , Sanafan.
- Euphorbia schweinfurthii* Balf.f. * (2,6)

- Soqotra
Euphorbia scondifolia Jacq. (8)
N of Bayt al Faqih (Tihama).
Euphorbia seibanica Lavr. & Gifri. * (in Cact. & Suuc. J. (UD) vol. 71(1): 135 (1999)
Rare: Hadhramaut Jol
Euphorbia serpens Kunth. لبينة
Abyen.
Euphorbia smithii S. Carter. ** @ حبوك
Huf, Uteq NE of Al Ayn, wadi Mougaib and NW of Damqut (Al Mahara).
Euphorbia socotrana Balf.f. * @ دوکش، مارة
Soqotra
subsp. purpurea N. Kilian & P. Hein, * (in Englera 28: 57-77, 2006)
Western Hagher Mts,
Euphorbia sp. aff. aegyptiaca Boiss. (8)
J. Rayma, Wussab al Ali.
Euphorbia sp. aff. fruticosa Forssk. (8) جميس، فه، وكد
Taiz. Annagd al Ahmer-Jibla, Baa'dan, S'uhban,, Annagd al Ahmer -J. Ta'kar,
Al Akama (E of Ibb), Ba'adan, Wussab al Ali, J. Dhawran, Haddah, Khamer, al
Mahwit, Shahara, Khawlan Ashsham.
Euphorbia sp. aff. schimperi ** (8)
Damt, Khawlan Ashsham.
Euphorbia spiralis Balf.f. * (2,6)
(syn. *E. septemsulcata* Vierh.). (6)
Soqotra
Euphorbia systyla Edgeworth. (1, @)
Gold Mor and Dunafa Island (Aden), .
Euphorbia triaculeata Forssk. @ علبة، صياب
Coastal areas.
Euphorbia uzmuk S.Carter & J.R.I.Wood. * @ عزمق، عزمط (in Kew Bulletin vol 37(1):
73-76 (1982)
Hagdah, Maqbanah and Hidhran (W of Taiz), Wusab As Safel: Al Mishrafa, Al
Masbah and near suq Ar Rabu', Al Hujariya: An Nashama, Bani Assurur, As
Safiah, Al Bathejjah and Bani Umar, E of Ibb.
Flueggea leucopyrus Willd. @ انف، عدف، عنف،
(syn. *Securinega leucopyrus* (Willd.)Muell.-Arg).
Soqotra.
Flueggea virosa (Roxb. ex Willd.) Voight. @ نهف، شجرة الذبين، حنة الجمل، حنة الفيل، كشح، جبع،
(كومبير(حوف)
(syn. *F. microcarpa* Blume, *Securinega virosa* (Willd.)Pax & Hoff., *F.*
senensis Klotzsch)
West of Taiz, J. Bura', w. Anna (Al U'deyn), Mutheikhira, Al Qafr, Shaharah, al
Mahara, Hadhramaut, Soqotra.
Jatropha curcus L. @ شرب، شربة الفيل
Tihama, Tiham foothills and Western mountains.
Jatropha dhofarica R.Sm. ** @ زبروت
Al Mahara: Huf, wadi Mougaib, NW of Damqut and Uteq NE of Al Ayn.
Jatropha glauca Vahl.
(syn. *J. lobata* (Forssk.)Muell. Arg.)
subsp. glauca (Vahl.)Pop. (8)

- Tihama, W. Shares.
Jatropha pelargoniifolia Courb. @ دميع، عيب، عجب @
(syn. *J. villosa* (Forssk.)Muell.-Arg., *J. glandulosa* Vahl).
Tihama, al Hujariyah, Harb, Jubah, Abyen, Lahj, Marib, Hadhramaut, al Mahara.
var. *glabra* Muell-Arg. (8)
Jatropha spinosa (Forssk.)Vahl @ ابكي، بكي، دمع، دماع @
W. of Taiz, Tihama & foothills, Abyen, Shabwa, Hadhramaut, Al Mahara .
Jatropha unicostata Balf. * @ سيرة @
Soqotra
Jatropha variegata (Forssk.)Vahl. * @ ابكي، بكي، درد @
Al Hujaria, J. Habashi, Adhabab, J. Sawraq, Wadi As Sukhna, Al U'deyn, Rihab,
Wussab, Shares, Kuhlana, Ad Dale', Jihaf, Damt, Al Husha.
Meineckia filipes (Balf.f.)G.L.Webster. * @
(syn. *phyllanthus filipes* Balf.f.).
Firmihin (Soqotra).
Meineckia phyllanthoides Baill. (8)
(syn. *Securinega phyllanthoides* Muell. Arg.).
Rare: J. Bura', J. Milhan, J. Rayma, Haraz.
Micrococca mercurialis (L.) Benth. (8)
Tihama & fothills.
Phyllanthus amarus Schum. & Thonn. (8)
Tihama foothills.
Phyllanthus fraternus Webster. (1,8)
(syn. *P. niruri* L.)
Tihama & foothills, Aden, Lahj , al Kod.
Phyllanthus hodjelensis Schweinf. * (8)
Very rare: Hujjaylah, J. Milhan.
Phyllanthus maderaspatensis L. @
Taiz, Saada, Radaa, Western mountains, Adhale', Hadhramaut, Soqotra.
Phyllanthus ovalifolius Forssk. (8)
(syn. *P. lalambensis* Schweinf., *P. quineensis* Pax).
J. Rayma, J. Milhan, al Mahabisha.
Phyllanthus rotundifolius Klein ex Willd. @ حومر @
Tihama foothills, Taiz, Al U'deyn, Soqotra.
Phyllanthus tenellus Muell Arg. var. *arabicus* Muell. * (8)
Taiz, Al Ja'fariyah (J. Raymah), Rijaf, Mirzin and Tuba' (J. Bura'), Betwen
Habash and As Sa'bah (J. Milhan).
Ricinus communis L. @ تنبشع، خروج، جارا @
Widespread: Tihama, Tihama foothills, Taiz, Al Barh, Hagda, Shara'b, J. Saber,
Al Hujeriyah, Ibb, Dhisufal, Assayani, Yarim, J, Sumara, Al U'deyn, Al Qae'ida,
Annagd Al Ahmer, Al Qafr, Dhamar, Sanaa, Hajjah, Lahj , Adhale', Damt,
Qa'taba, Al Husha, Jihaf, Al Azareq, Al Hussein, al Mahara, Hadhramaout,
Soqotra.
Tragia balfouriana Gillett. * @ سافاجة @
(syn. *T. dioica* Balf.f.)
Soqotra
Tragia pungens (Forssk.)Muell. Arg. @ حريقة @
(syn.*T. arabica* (Baill. ex Muell.-Arg., Prain, *T. maamarensis* Baill.).
Taiz, Assayani, Dhisufal, Ashshawaet', E of Yarim, Dhamar, Huth, Lahj.

FABACEAE (PAPILIONOIDEAE)

- Abrus bottae* Defl. ** @ تنواب، متن، عسب، خرعج @
Al Hujarriyah, Al Akhlud, Maqbanah and W. Adhuraybat, Shara' b, Al Mukaer, Al Mishqib, Jaher (W of Taiz), Wadi Yadem and J. Adh Dhae'if (Bani Umar), J. Sharafayn (NW Hajjah), Wadi As Sukhnah, Al A'shshah (W of Huth), J. Bura', J. Milhan, Taiz, Musaymir (Lahj).
- Abrus precatorius* L.
subsp. *africanus* Verdc. @ بلأع، عسب @
J. Rayma, J. Bura', J. Milhan, Haraz., Al U'deyn, J. Marran, Ashsheykh Uthman, Dar Saad.
subsp. *precatorius*. (ref. Al Gifri, A. in Candollea 47: 215-217 (1992)
Dar Sad, al kamisri garden (Aden).
- Alhagi graecorum* Boiss. (1, @) أبو شوكة، وضعة، عاقول @ (1, @)
(*syn. A. maurorum* Medik.).
Abyen, Lahj , Shabwa, Hadhramaut .
- Alysicarpus monilifer* (L.) DC. (2)
(*syn. A. glumaceus* A.G. Mill.). (@ , 8) نضهن (سقطرى)
Tihama, Tihama foothills, J. Rayma, medium altitude mountains, Soqotra.
- Alysicarpus vaginalis* (L.) DC. (@, 8)
Tihama foothills, Al H'adiyyah, J. Bura', J. Milhan, Hajjah , Soqotra.
- Anagyris foetida* L. (8) خلية (8)
Rare: highlands e.g. J. Saber, J. Ba'adan, J. Nuqum, Sanaa, J. Annabi Shua'ib.
- Arachis hypogea* L. (8) فول سوداني، حب العزيز (8)
Cultivated in Al U'deyn, J. Milhan.
- Argyrobium arabicum* (Decne.) Jaub. & Spach. (8)
(*syn. A. abyssinicum* Jaub. & Spach.).
Al Muhwit, J. Sanafan, Sanaa, Nihim, J. Mirran, SE Raydah.
- Argyrobium confertum* Polhill. (8)
Highlands e.g. Kuhlan, Huth, Khamer, Dhawran, Kawkaban, Shibam.
- Argyrobium roseum* (Camb.)Jaub. & Sp. (1) { doubtful record } ?
Aden, Hadhramaut .
- Argyrobium rupestre* (E. Mey.) Walp. subsp. *remotum* (A.Rich.) Pol. (8)
(*syn. A. virgatum* Bak.).
J. Ashsharq, Dhisufal, Jiblah: Ibb.
- Argyrobium uniflorum* Jaub & Spach (ref. The herbarium of al Kod) { doubtful record } ?
Ar Rayyan-Sayun road (Hadhramaut)
- Astragalus atropilosulus* (Hochst.) Bunge. (8)
(*syn. A. abyssinicus* Steud.).
subsp. *burkeanus* (Harv.)Gillett.
Widespread in highlands e.g. Jiblah, Khawlan Ashsham, J. Ta'aker, Sanaa-Marib, E of Sanaa, J. Shibam SE of Manakha, J. Haraz, , Manakha, Hajjah .
- Astragalus hauarensis* Boiss. (2))
Soqotra
- Astragalus sieberi* DC. (8)
Bani al Hareth, Below Saada, Bani Hushaysh.
- Astragalus sparsus* Del. ex Decne. (8)
Sanaa, Khawlan Ashsham.
- Astragalus tribuloides* Del. (8)
Highlands e.g. J. Annabi Shua'ib, Khawlan Ashsham.

- Astragalus vogelii* (Webb) Bornm. subsp. *fatimensis* Maire.
(syn. *A. fatimensis* Hochst. ex Chiov, *A. arabicus* Ehren. Ex. Bung).
Taiz, al Boun ,Tihama, Radaa, Al Rawdha N of Sanaa, al Jawf, Huth, Hajjah .
- Biserrula pelecinus* L. subsp. *pelecinus*. (8)
J. Shibam, Manakha.
- Cadia purpurea* (Picc.) Ait. (8) حيمر، قلال، عريب، أزخمخ (المهرة) حومر، قضي، حمرار (8)
(syn. *C. varia* L'Herit.).
Widespread: Western & Southern mountains, Hadhramaut, al Mahara.
- Cajanus cajan* (L.) Mill. (8) بسلة الطيور، بسلة الحمام، اللوبيا الافرنجى (8)
(syn. *C. indicus* Spreng.).
Cultivated and naturalized in Ibb and Al U'deyn.,
- Calliandra umbrosa* Benth. (3)
Introduced: Cultivated.
- Calpurnia aurea* (Ait.) Benth. (8)
Introduced: Cultivated in Ibb forestry nursery.
- Canavalia africana* Dunn @
Wadi Darho (Soqotra)
- Canavalia virosa* (Roxb.) Wight & Arn. (8)
(syn. *C. polystachya* (Forssk.) Schweinf.).
Rare: Tihama & foothills e.g. Bayt al Faqih, Bagel, J. Rayma.
- Chapmannia gracilis* (Balf.f.) Thulin * (2) @ طلهين
(syn. *Arthrocarpum gracile* Balf.f)
Soqotra
- Chapmannia reghidensis* Thulin & McKean * (2)
Soqotra
- Chapmannia sericea* Thulin & McKean * (2)
Soqotra
- Chapmannia tinireana* Thulin * (2)
Soqotra
- Cicer arietinum* L. حمص
(syn. *Cicer album hort.*, *Cicer sativum Schkuhr*, *Cicer nigrum hort.*)
Cultivatrd in Manakha, Sanaa airport.
- Clitoria ternatea* L. (8)
(syn. *C. albiflora* Mattei , *C. bracteata* Poir., *C. coelestris* Siebert & Voss, *C. parviflora* Raf., *Ternatea ternatea* (L.) Kuntze, *T. vulgaris* Kunth)
Tihama foothills, Wadi Zabid, J. Bura', J. Rayma, J. Milhan, Haraz, Aden & Taiz
As ornamental.
- Crotalaria aegyptiaca* Benth. (8)
(syn. *C. wissmannii* O. Schwartz)
Rare: Marib, Nihim, Ataq-Nisab, Hadhramaut .
- Crotalaria deflersii* Schweinf. (8)
J. Raymah, Wussab Assafel, Haraz.
- Crotalaria dumosa* Franch.
Obove al Arshah (Hadhramaut).
- Crotalaria emarginella* Vatke. (8)
(syn. *C. laxa* Franch., *C. nogalensis* Chiov., *C. rathjensiana* O. Schwartz.).
Tihama, Haraz, Bani Manssur, Sanaa plain, Manakha, Hajjah, Hadhramaut.
- Crotalaria hirta* Willd. (8)
Rare: Haraz.

Crotalaria impressa Nees. (8)

(syn. *C. astragalina* Hochst.).

Haraz.

Crotalaria incana L.

(syn. *Chrysocalyx schimperi* A. Rich., *C. affinis* DC., *C. cubensis* DC., *C. cytisifolia* Steud., *C. diffusa* Vell., *C. eriocaula* S. Schauer, *C. herbacea* Schrank, *C. hirta* Lag., *C. montana* A. Rich., *C. picensis* Phil., *C. pubescens* Moench, *C. pubescens* Moench, *C. radiata* Merr., *C. schimperi* A. Rich., *C. setifera* DC., *Lupinus rotundifolius* Sessé & Moc.)

subsp. *incana*. (8)

Tihama, Taiz.

subsp. *purpurascens* (Lam.)Milne-Redh. (8)

Al U'deyn, Ba'adan, J. Sumara.

Crotalaria juncea L. (3)

(syn. *Crotalaria benghalensis* Lam., *C. fenestrata* Sims, *C. fenestrata* Sims, *C. porrecta* Wall., *C. sericea* Willd., *C. tenuifolia* Roxb., *C. viminea* Wall.)

Crotalaria leptocarpa Balf.f. @

(syn. *C. dubia* Balf.f.)

Soqotra, Abdul Kuri Island.

Crotalaria microphylla Vahl. (8) فجاح

Tihama.

Crotalaria natalitia Meissn. subsp. *rutshuruensis* De Willd. (8)

Rare: Bani Saad, J. Raymah, Bani Saad, J. Milhan.

Crotalaria oocarpa Bak. subsp. *microcarpa* Milne-Redh. (8)

J. Milhan.

Crotalaria persica (Burm.) Merr @

Hadhramaut, Shabwa, Al Mahara

Crotalaria pteropoda Balf.f. (2)

Soqotra.

Crotalaria plowdenii Bak. (8)

Rare: Ibb, J. Hubaysh.

Crotalaria pycnostachya Benth. (8)

Sanaa, Manakha.

Crotalaria quartiniana A.Rich. (8)

(syn. *C. azaisii* Sacleux, *C. platycalyx* Baker)

J. Milhan.

Crotalaria retusa L. (8) جلجل

(syn. *C. cuneifolia* (Forssk.) Schrank, *C. hostmannii* Steud., *C. retusa* L. var. *maritima* Trimen, *C. retusifolia* Stokes, *Dolichos cuneifolius* Forssk., *Lupinus cochinchinensis* Lour.)

Tihama & foothills, Western mountains, Hadhramaut , al Mahara, Soqotra.

Crotalaria saltiana Andr. (Lock, J.M. & Simpson, K. (1991)

(syn. *C. argyrea* Franch., *C. farcta* Baker f., *C. franchetii* Baker f., *C. lupinoides* Benth).

Al Mualla, al Qallua (Aden), Hadhramaut .

Crotalaria senegalensis (Pers.)Bach ex DC. (8)

(syn. *Crotalaria maxillaris sensu auct.*, *C. shamvaensis sensu Torre*, *C. uncinella* Lam. var. *senegalensis* Pers.)

Rare: Tihama e.g. Beit al Faqih.

- Crotalaria socotrana* (Balf.f.) Thulin * @
(syn. *Priotropis socotrana* Balf.f.)
Soqotra
- Crotalaria spinosa* Hochst. ex Benth. @
Taiz, J. Milhan, Haraz, Shihara, Ibb, Al U'deyn, Jiblah, Soqotra.
- Crotalaria squamigera* Defler. * @ صريصاح
Dhubhan (At Turbah), Al Ahkum and Al a'aruq, (Al Hujariya), Tha'bat (J. Saber), J. Sawraq (NE of Taiz).
- Crotalaria strigulosa* Balf.f. * @ مسحاب
(syn. *C. abdelkuriensis* Vierh., *C. kuriensis* Vierh., *C. schweinfurthii* Vierh.)
Hagher (Soqotra).
- Cullen *corylifolium* (L.) Medik. (in *Bothalia* 13: 317-25, 1981)
(syn. *C. corylifolia* (L.) Medik., *Psoralea corylifolia* L., *Psoralea patersoniae* Schönl., *Trifolium unifolium* Forssk., *Lotodes corylifolia* (L.) Kuntze.)
Taiz, al Qaeda, Soqotra
- Cyamopsis tetragonoloba* (L.) Traub. (8) الفاصوليا العنقودية
(syn. *Cyamopsis psoraloides* (Lam.) DC., *C. psoraloides* (Lam.) DC.,
Cyanopsis tetragonoloba (L.) Taub., *Dolichos fabaeformis* L'Hér., *Dolichos fabiformis* L'Hér., *D. psoraloides* Lam., *Lopinus trifoliolatus* Cav., *Lupinus trifoliatus* Cav., *Psoralea tetragonoloba* L.)
Rare: Cultivated in Tihama & Hadhramaut .
- Desmodium gangeticum* (L.) DC. (8) (Lock, J.M. & Simpson, K. (1991)
(syn. *Aeschynomene gangetica* Poir., *A. maculata* Poir., *A. maculata* (L.) Poir.,
Desmodium cavaleriei H. Lev., *D. gangeticum* (L.) DC. var. *maculatum* (L.)
Baker, *D. lanceolatum* Walp., *D. maculatum* (L.) DC., *D. natalitium* Sond., *D.*
polygonoides Baker, *Hedysarum collinum* Roxb., *H. gangeticum* L., *H.*
lanceolatum Schum. & Thonn., *H. maculatum* L., *H. ochroleucum* Moench, *H.*
pseudogangeticum Miq., *Meibomia gangetica* (L.) Kuntze, *M. polygonodes*
(Baker) Kuntze, *Pleurolobus gangeticus* J. St.-Hil., *P. maculatus* J. St.-Hil.)
Tihama foothills, al Mahabisha, Haraz.
- Desmodium ospriostreblum* Steud. ex Chiov. (8)
(syn. *Anarthrosyne abyssinica* A. Rich., *Meibomia abyssinica* (A. Rich.) Schindl.)
Rare: Al U'deyn, Huf: Al Mahara.
- Desmodium triflorum* (L.) DC. (Lock, J.M. & Simpson, K. (1991)
(syn. *Aeschynomene triflora* Poir., *Desmodium albiflorum* Cordem., *D.*
bullamense G. Don, *D. caespitosum* Bojer, *D. granulatum* Walp. *D. stipulaceum*
Burm. F., *D. triflorum*. var. *adpressum* Ohwj, *Hedysarum granulatum* Schum., *H.*
granulatum Schum. & Thonn., *H. stipulaceum* Burm. F., *H. triflorum* L.,
Hippocrepis humilis Blanco, *Meibomia triflora* (L.) Kuntze, *Nicolsonia reptans*
Hook. f. & Benth., *Nicolsonia triflora* Griseb., *Pleurolobus triflorus* J. St.-Hil.,
Sagotia triflora (L.) Duchass. & Walp.)
Al H'adiyyah-Naamah (J. Rayma), Soqotra (8)
- Dolichos sericeus* E.Mey. subsp. *formosus* (A.Rich.) Verdc. (5)
Jiblah, Dhisufal.
- Dolichos trilobus* L. (8)
At Turbah, (Taiz), J. Sumara, J. Marran (Khawlan Ashsham), Ibb, Dhsufal, west
of Yarim.
- Eriosema longipedunculatum* A.Rich. var. *hirsutum* Verdc. @
Mutheikhira, W of Dhisufal, J. Ayfu, J. Qarad, J. Raymah.

- Erythrina melanacantha* Taub. ex Harms. (2)
Soqatra.
- Flemingia grahamiana* Wight & Arn.. (8) ورس
(syn. *Eriosema erythrocarpon* Beck, *Moghania grahamiana* (Wight & Arn.)
Kuntze, *M. rhodocarpa* (Baker) Hauman, *M. rhodocarpa* (Baker) Hauman var.
hockii (De Wild.) Hauman, = *Flemingia rhodocarpa* Baker).
Rare: J. Ayfu (al Hujariyah), Dhubhan, Al H'adiyyah.
- Galactia tenuiflora* (Willd.)Wight & Arn.
var. *biflora* Schweinf. (8)
Rare: J. Bura',
var. *villosa* (Wigh & Arn.)Benth. (8)
Rare: J. Rayma, J. Bura'.
- Gliricidia sepium* (Jaeq)Steud.
Introduced : AREA experimental farm, Taiz.
- Hylodesmum repandum* (Vahl) H. Ohashi & R.R. Mill (Lock, J.M. & Simpson, K. (1991)
(syn. *Aeschynomene remota* Poir., *Anarthrosyne scalpe* Klotzsch, *Desmodium*
aparine Chiov., *D. caffrum* Eckl. & Zeyh., *D. remotum* (Poir.) Drake, *D.*
repandum (Vahl) DC., *D. scalpe* DC., *D. strangulatum* Wight & Arn., *Hedysarum*
ignescens Miq., *H. repandum* Vahl, *H. scalpe* DC., *Meibomia repanda* (Vahl)
Kuntze, *M. scalpe* (DC.) Kuntze, *Papilionopsis stylidioides* Steenis, *P. repandum*
(Vahl) Y.C. Yang & P.H. Huang)
Al H'adiyyah & Kusmah (J. Rayma), J. Milhan, Haraz, al Mahwit, J. Ba'adan-J.
Manar.
- Indigostrum costatum* subsp. *goniodes* (Hochst. ex Baker) Schr.(in Willdenowia 34: 159-
182, 2004)
(syn. *I. costata* Guill. & Perr., *I. costata* Guill. & Perr. subsp. *gonioides* (Bak.)
Gillett *I. goniodes* Hochst., *Indigostrum macrostachyum* Jaub. & Spach)
Highlands, J. Al Arays, Huf.
- Indigofera amorphoides* Jaub. & Spach. (8)
(syn. *Indigofera alta* Schweinf.)
Sanaa, Sa'dah, Huth, Damt.
- Indigofera arabica* Jaub. & Spach. @ زهرة المرعى
Widespread e.g. Tihama foothills, Taiz, Dhamar, Ibb, Sanaa, Jahran, Al Mahara.
- Indigofera argentea* Burm.f. @ دريدة
(syn. *I. burmanni* Boiss).
Tihama, Ras Emran Island (Aden), Hadhramaut, Soqatra.
- Indigofera arrecta* Hochst. ex A.Rich. (8)
Ibb, W. Dhahr, Mashwarah, Dhisufal, J. Sumara, Yarim-Al Makhader road.
- Indigofera articulata* Gouan. (8) حورور، شخض
Tihama foothills, Taiz, Aden, Lahj, Abyen, Wussab, Madinat Ashsharq, Bani
Hareth, Harf Sufyan, Nihim, Hadhramaut, Soqatra.
- Indigofera atriceps* Hook. subsp. *kaessneri* (Bak.f.)Gillett. (8)
J. Milhan.
- Indigofera brevicalyx* Bak.f. (8)
J. Shibam, Manakha, Al U'deyn, Shahrarah.
- Indigofera coerulea* Roxb
var. *occidentalis*. @
Tihama, Taiz, Sa'dah, E. Manakh, Abyen, Hadhramaut . Soqatra.
var. *coerulea* Roxb.

- Soqotra
Indigofera colutea (Burm.f.) Merr. (8)
(syn. *I. viscosa* Lam.).
Tihama foothills, Al U'deyn, Soqotra.
- Indigofera cordifolia Heyne ex Roth. (2)
Soqotra.
- Indigofera deflersii E.G. Baker (3)
J. Al Arays (Abyan)
- Indigofera eremophila Thulin (in Nord. J. Bot. 15(5): 519-522, 1995)
Al Rayan-Al Mukalla (Hadhramaut)
- Indigofera hochstetteri Baker (8)
(syn. *I. anabaptista* Steud.).
Widespread e.g. Tihama & foothills, western mountains, Abyen, Yafea, Soqotra.
- Indigofera linifolia (L.f.) Retz. @
Rare: Tihama foothills, Taiz, J. Rayma.
- Indigofera marmorata Balf.f. * (2) زیديرو
Soqotra
- Indigofera nephrocarpa Balf.f. @ زیديرو
Soqotra, Abdul Kuri Island
- Indigofera nephrocarpoides J.B. Gillett. * @ زیديرو
Ras Fartak (Hadhramaut), Soqotra.
- Indigofera nugalensis Thulin (2) زیديرا
Soqotra
- Indigofera oblongifolia Forssk. @ حصار
(syn. *I. desmodioides* E.G. Baker., *I. paucifolia* Delile).
Widespread e.g. Tihama, Taiz, Abyen, Shuqra, Hadhramaut, Soqotra.
- Indigofera parviflora Wight & Arn. @
Taiz, al Udatn, Wussab, Rihab, Mukhadir, al muhwit.
- Indigofera parvula Del. (3) This name has been incorrectly used to refer to [Indigofera spicata](#)
Hadhramaut
- Indigofera phillipsiae Bak.f. (8)
Highlands e.g. Sanaa, Radaa, Nihim, Abyen, Raydah, Shahara, Sa'dah.
- Indigofera pseudointricata Gillett. @ زیديرو
Soqotra
- Indigofera rubromarginata Thulin ** (in Nor. J. Bot. 15(15): 519-522 (1995)
J. Al Arays (Abyen), Sayhut-Al Qishn (Al Mahara), N of Ar Rayn, and E of Al
Mukalla (Hadhramaut)
- Indigofera schimperi Jaub. & Spach. (8)
Tihama foothills, Taiz, Khamis Bani Saad.
- Indigofera sedgewickiana Vatke & Hildebr. Thulin, Ghebrehiwet & Gifri 9253
Lahj, Yafea
- Indigofera semitrijuga Forssk. (8) حصار، صرح
Alluhayyah, Abyen, Shabwa, Hadhramaut.
- Indigofera sessiliflora DC. (8)
(syn. *I. tribuloides* Boiss., *I. trigonelloides sensu* Baker)
Rare: Tihama.
- Indigofera socotrana Vierh. * (2) زیديرو
(syn. *I. gerardiana* Graham)
Soqotra

Indigofera spicata Forssk. (8)

(syn. *I. endecaphylla* Jacq.).

S. of Taiz, J. Milhan, al Qa'idah, Sanaa, Wussab Assafel.

Indigofera spiniflora Hochst. & Steud. ex Boiss. (8)

Tihama, al Barh (w of Taiz), Aden, Madinat Ashsharq, Hajjah, Soqotra.

Indigofera spinosa Forssk. @ حل، حلية، قصار، زرب، كندش، صُيب @

Widespread:

Indigofera tinctoria L. @ تفر، حور، حورور @

Tihama & foothills, madinat Ashsharq, Hajjah, low altitude, al Kod (Abyen), Soqotra.

Indigofera trita L.f.

(syn. *I. spachii* Bak.).

var. *maffei* (Chiov.) Ali. (8)

Tihama foothills, J. Rayma, Haraz.

var. *scabra* (Roth) Ali. (8)

Ibb, Al U'deyn, Rada', Hajjah, J. Ashsharq.

Indigofera volkensii Taub. (ref. Thulin, M. et al in press)

Abyen near Jahin

Lablab purpureus (L.) Sweet. كشت (Lock, J.M. & Simpson, K. (1991)

(syn. *L. vulgaris* Savi, *Dolichos lablab* L., *Lablab vulgaris* (L.) Savi., *L. niger* Medik. *Dolichos benghalensis* Jacq.)

subsp. *purpureus*. @

Cultivated in Tihama & foothills e.g. J. Milhan, Haraz, Hadhramaut .

Lathyrus pratensis L.V. (8)

(syn. *Orobis pratensis*)

Rare: J. Sumara.

Lathyrus sativus L. (8) الجلبان المزروع

(syn. *L. asiaticus* (Zalkind) Kudr., *L. sativas* L., *L. sativus* subsp. *asiaticus* Zalkind)

V. rare: Cultivated.

Lens culinaris Medic. (8) بلسن، عدس

(syn. *L. esculenta* Moench., *Ervum lens* L.).

Cultivated in highlands.

Lotononis platycarpus (Viv.) Pichi-Sarm. (5)

(syn. *L. leobordea* (Del.) Benth.).

Al Boun.

Lotus arabicus L. (2)

Manakha

Lotus corniculatus L. (8)

(syn. *L. ambiguus* Spreng., *L. arvensis* Pers., *L. balticus* Miniaev, *L. carpetanus* Lacaite, *L. major* Scop.)

Highlands e.g. Wadi As Sudan (S of Ibb), al Qaadah, Wadi Rakhwah (Khawlan Ashsham).

Lotus garcinii DC. (2)

(syn. *L. stocksii* Boiss.)

Soqotra.

Lotus mollis Balf.f. * كسكس (2)

Soqota

Lotus ononopsis Balf.f. * كسكس

Soqotra

- Lotus quinatus (Forssk.) Gillent (8)
(syn. *Dorycnium quinatum* (Forssk.) C. Cht., *L. brachycarpus* var. *menachensis* Schweinf.).
J. Saber, J. Habashi, Yerim, Sanaa, Muthaikhira, Yarim, J. Sumara, Hajjah ,
Kuhlan, Khawlan Ashsham.
- Lotus schimperi Steud. (8)
(syn. *L. glinoides* L.)
Soqotra, Abdul Kuri Island.
- Macrotyloma axillare (E.Mey.) Verdc. (8)
Western mountains e.g. J. Raymah, Kusumah.
- Medicago laciniata All. @ صاريصيرو، دشش
Firmihin (Soqotra).
- Medicago lupulina L. (8)
J. Saber, J. Sumara, W of Yerim, S of Mashwara, J. Annabi Shua'ib, Assada.
- Medicago minima (L.) Bartal. (@, 8)
Rare: J. Shibam, Kawkaban, Manakha, al Muhwit, Firmihin (Soqotra).
- Medicago polymorpha L. @
(syn. *M. hispida* Gaertn., *M. denticulate* Wild, *M. hispida* var. *denticulate* (Wild.) Engl.).
J. Saber, Ibb, Kuhlan, Soqotra.
- Medicago sativa L. @ قصب، برسيم
(syn. *M. grandiflora* (Grossh.) Vassilcz., *Medicago ladak* Vassilcz.) (Yakovlev, G. et al 1996)
var. *erecto* Schweinf.
Cultivated: Dhamar, Hadhramaut .
- Melilotus alba Medic. @
Tihama, Taiz, Dhamar, Sanaa, Shibam, Manakha, Yerim.
- Melilotus indica (L.) All. (8)
(syn. *M. parviflora* Desf.).
Tihama foothills, Soqotra.
- Melilotus officinalis (L.) Pall. (8)
Rare: Ibb, Al U'deyn, Huth, J. Ta'aker, Maswera.
- Microcharis disjuncta (Gillett) Schrire (ref. Thulin, M. et al 2001)
(syn. *Indigofera disjuncta* var. *fallax* J.B. Gillett, *I. disjuncta* J.B. Gillett)
Qishen-Sayhut (al Mahara), Soqotra.
- Microcharis tritoides (Baker) Schrire (in Bothalia 22: 165-70, 1992)
(syn. *Indigofera tritoides* Bak.) (8)
Rare: Tihama e.g. Hays, J. Raas.
- Mucuna pruriens (L.) DC. (8)
(syn. *Dolichos pruriens* L., *Mucuna axillaris* Baker)
Rare : J. Rayma
- Neonotonia wightii (Wight & Arn.) Lackey. subsp. *wightii* (8)
(syn. *Glycine wightii* (Wight & Arn.) Verdc., *G. javanica* L.).
Tihama foothills, J. Habashi (Taiz), J. Razih, Ibb.
- Onobrychis ptolemaica (Del.) DC. (8)
V. rare: Mayfiyah (Dhamar-Radaa).
- Ononis reclinata L. (8)
Obove Al H'adiyyah, J. Rayma.

- Paracalyx balfourii* (Vierh.) Ali * (2) سد
(syn. *Cylista balfourii* Vierh., *C. scariosa* Roxb., *P. schweinfurthii* (Wagner & Vierh.) Ali, *Cylista schweinfurthii* Wagner & Vierh.).
Soqotra.
- Phaseolus vulgaris* L. @ فاصوليا
(syn. *P. communis* Pritzel, *P. compressus* DC., *P. esculentus* Salisb., *P. nanus* L. & Jusl.)
Cultivated.
- Pisum sativum* L. subsp. *pumilio* Meikle. @ عتر
(syn. *Lathyrus oleraceus* Lam., *Pisum vulgare* Jundz.)
Cultivated in highlands.
- Ptycholobium plicatum* (Oliv.) Harms. subsp. *arabicum* Brumm. (8)
Rare: Al H'adiyyah, Hajjah, al mahabisha.
- Rhynchosia buramensis* Hutch. & Bruce. (8)
Ibb-Suq Assabt.
- Rhynchosia flava* (Forssk.) Thulin. * (in Nordic J. Bot. 1(1):37-42 (1981)
(syn. *Ononis flava* Forssk.)
J. Habashi (Taiz), J. Ash Sharq, J. Marran, Jibla, between Annajd al Ahmer and J. Ta'aker, S of J. A'yfu (SW Ibb)', Madinat Ashsharq.
- Rhynchosia malacophylla* (Spreng.) Boj. @
(syn. *R. flavissima* Hochst., *R. sennaarensis* Hochst. ex Schweinf.).
Tiham foothills, Taiz, Rayda, Khawlan Ashsham.
- Rhynchosia memnonia* (Del.) DC. (8) دجيرة كاذب، دجير
(syn. *R. minima* var. *memnonia* (Del.) Cooke).
Tihama, Taiz, Maaber, Manakha, Aden, Abyen, Shibam, Huth, Shuqra, Hadharamout.
- Rhynchosia minima* (L.) DC. @ دجيرة
Tihama, W. of Taiz, Soqotra.
var. *prostrata* (Harv.) Meikle. (8) اقلبيت
J. Ba'adan, Dhamar.
- Rhynchosia oblatifoliolata* Vedic. (8)
Rare: Bab al Ahjar.
- Rhynchosia pulverulenta* Stocks. (8)
Rare: W. Qassab (Haraz), Soqotra.
- Rhynchosia schimperii* (Hochst. & Steud.) Boiss. (8)
(syn. *R. cliffordii* Hutch. & E.A. Bruce)
Rare: Tihama e.g. Bagel, Bayt al Faqih, al Marawiaa.
- Rhynchosia sublobata* (Schumach.) Meikle. (8)
(syn. *R. viscosa* DC.).
Rare: W. Hawayat (Hajjah ylah).
- Rhynchosia totta* (Thunb.) DC. (8)
(syn. *R. pilosa* (E.Mey.) Steud., *R. paniculata* (E.Mey.) Steud., *Dolicholus totta* (Thunb.) Kuntze
Western mountains.
- Rhynchosia variegata* (Deflers) Wood. (8)
(syn. *R. mensensis* Schweinf., *Vigna variegata* Deflers.)
J. Rayma, J. Razeh, Ibb, Al U'deyn, Assayani, Ashshawaet', Kuhlan, Attawilah.
- Sesbania concolor* Gillett. (3) (in Kew Bull. 17: 91-159, 1963)
Introduced.

- Sesbania grandiflora* (L.) Poir. @ سبسان هندي
Introduced. gardens, villages and road sides in Tihama, Taiz, Aden.
- Sesbania leptocarpa* DC. (8) وممر
(*syn. S. arabica Hochst, S. mossambicensis Klotzsch, S. mossambicensis Klotzsch subsp. minimiflora J.B.Gillett*).
Tihama, Taiz.
- Sesbania pachycarpa* DC. (8)
Near Ibb.
- Sesbania sesban* (L.) Merrill. @ سبسان هندي
(*syn. S. punctata DC., Sesban aegyptiaca Poir., Coronilla sesban Willd.*)
Introduced: gardens and road sides in Taiz, Ibb, Aden, Abyen.
- Sesbania speciosa* Jaub. @ سبسان هندي
(*syn. Sesbania pubescens DC. var. grandiflora Vatke*)
Introduced: Cultivated in Aden
- Stylosanthes fruticosa* (Retz.) Alston (8)
(*syn. Arachis fruticosa Retz., S. flavicans Baker, S. mucronata Willd.*)
Haraz, al Mahwit.
- Styphnolobium japonicum* (L.) Schott (Lock, J. & Heald, 1994)
(*syn. Sophora japonica L.) (8)*
Introduced: Cultivated as ornamental in Sanaa.
- Taverniera aegyptiaca* Boiss. (1)
Hadhramaut .
- Taverniera albida* Thulin. * (4)
Rare: W. Mefaa w of al Mukalla
- Taverniera glauca* Edgeworth. * (1)
Aden, Hadhramaut .
- Taverniera lappacea* (Forssk.)DC. (8)
(*syn. Hedysarum lappaceum Forssk , T. stefaninii Chiov.*) (Thulin, M., 1985)
V. rare: Alluhayyah, Ashihr.
- Taverniera multinoda* Thulin. (3)
Hadhramaut
- Taverniera schimperi* Jaub. & Spach. (4)
Around Aden & Hadhramaut
- Taverniera sericophylla* Balf.f. * (2)
Soqotra.
- Taverniera spartea* (Burm.f.)DC. (3)
(*syn. Hedysarum spartium Burm., Taverniera gonoclada Jaub. & Spach, T. incana Boiss.*) (Thulin, M., 1985).
- Tephrosia apollinea* (Del.) DC.
(*syn. T. apollinea var. brevistipulata Vierh. (2,5)*)
Harib, Soqotra.
subsp. longistipulata Vierh. (3) خضيرة، عفرس
- Tephrosia desertorum* Scheele ?? (5) { doubtful record } ?
Bayt al Faqih
- Tephrosia dura* Baker @ يعبور
J. Gedu: Shabwa, wadi Masht'it' and wadi A'dem(Hadhramaut)
- Tephrosia elata* Deflers. (8)
(*syn. T. bequaertii De Wild.*) (Gillett, J.B. et al. (1971)

- Ibb, Sa'dah, J. Ashsharq, J. Rayma, Mutheikhira, J. Milhan, Haraz.
Tephrosia hadramautica Thulin * (in Nor. J. Bot. 14: 487-489 (1994)
NE of ArRayan (Hadhramaut)
- Tephrosia mahrana Thulin * (in Nord. J. Bot. 24: 513-517).
W of Al Ghaydah
- Tephrosia nubica (Boiss.)Baker.
(syn. *T. pogonostigma* Boiss)
subsp. arabica (Boiss.)Gillett . (8)
Harib, Al Jawf, Hadhramaut .
subsp. nubica. (8)
Tihama & foothills, J. Bura', Aden, Abyen.
- Tephrosia odorata Balf.f. * @ طفر
Firmihin (Soqotra).
- Tephrosia pentaphylla (Roxb.)G.Don. (8)
Rare: J. Bura', J. Rayma, Al U'deyn, al Mahabisha.
- Tephrosia pumila (Lam.)Pers. (8)
Widespread: Adhabab, J. Marran, Khawlan Ashahm.
- Tephrosia purpurea (L.)Pers. سناف
subsp. aff. dunensis Brumm. (8)
Tihama.
subsp. leptostachya (DC.)Brumm. @
(syn. *T. leptostachya* DC.).
Baytal Faqih, al Manssuriyyah, Aden, Tihama, Al U'deyn, Abyen, Hadhramaut ,
Soqotra.
- Tephrosia quartiniana Cufod. (8)
(syn. *T. vicioides* A.Rich.).
Bayt al Faqih, Abyen, Al Mahara,.
- Tephrosia schweinfurthii Defl @
(syn. *T. heterophylla* Varke. *T. simplicifolia* Franch.).
Widespread e.g. Taiz, At Turbah, Sa'dah, al Qa'idah, Huth, Shabwa, Hadhramaut
- Tephrosia socotrana Thulin * (2)
Soqotra
- Tephrosia strigosa (Dalz.) Santa. & Mahes. @
Soqotra.
- Tephrosia subtriflora Hochst. ex Baker. (8)
(syn. *T. lathyroides* Guill. & Perr.)
Tihama, al Hujariyah, S. of Zabid, Hadhramaut , Soqotra.
- Tephrosia uniflora Pers.
(syn. *T. anthylloides* Hochst.).
subsp. petrosa Gillett & Ali. (8)
Aden, Al H'adiyyah.
subsp. uniflora. @
Tihama, Taiz-Hagdah, Aden, Haraz, Soqotra.
- Tephrosia villosa (L.)Pers.
subsp. ehrenbergiana (Schweinf.)Brumm. (8)
J. Marran in Khawlan Ashsham.
- Teramnus labialis (L.f.) Spreng.
subsp. arabicus Verdc. (8)
Rare: J. Bura', J. Raymah,, J. Milhan. Haraz.

- subsp. labialis (@, 8)
Taiz, Ibb, J. Razeh.
- Teramnus repens (Taub.) E.G. Baker. subsp. gracilis (Chiov.) Verdc. (8)
Rare: Al Mishrafa, Al H'adiyyah, J. Rayma, Wadi Sharis, Huf, Soqotra.
- Trifolium fragiferum L. @
Dhamar, J. Annabi Shua'ib.
- Trifolium semipilosum Fresen. @
J. Saber, Dhamar, Jiblah, J. Ta'aker, Sumara, NW of Al Mahwit, J. Annabi Shua'ib, Khawlan Ashsham.
- Trigonella anguina Del. (8)
Huth.
- Trigonella falcata Balf.f. * (2)
Soqotra.
- Trigonella foenum-graecum L. @ لبة
(syn. *Trigonella tibetana* (Alef.) Vassilcz.)
Highlands e.g. J. Saber, W. Dhahr.
- Trigonella hamosa L. (8)
Majz.
- Vatovaea pseudolablab (Harma) Gillett. (ref. Thulin, M. et al in press)
Al Mahara
- Vermifrux abyssinicum (A.Rich.)Gillett. @
(syn. *Helminthocarpon abyssinicum* A.Rich.).
Amran, J. Sumara, Yarim, Assada, Ba'dan, w of Sanaa, Bani Mater, Assada, Hajjah .
- Vicia faba L. @ فول
(syn. *Vicia vulgaris* Gray, *Vicia esculenta* Salisb., *Faba bona* Medik.)
Cultivated in highlands.
- Vicia sativa L. var. augustifolia L. (8)
Rare: J. Saber, J. Qaradh, Jiblah, Ibb, Wuaab al Ali, Kusuma, J. Shibam, Manakha, al Mahwit.
- Vicia villosa L. subsp. eriocarpa (Hausskn.)P.W.Ball. (8)
Rare: J. Saber, Kusmah, J. Rayma, al Hayma Addakhiliyah.
- Vigna aconitifolia (Jacq.) Marechal @ قطن، فاصوليا الموت،
(syn. *Phaseolus aconitifolius* Jacq.).
Cultivated in Tihama.
- Vigna heterophylla A. Rich. (8)
Mashwarah (Ibb-Al U'deyn road).
- Vigna luteola (Jacq.) Benth. (8) لوبياء صفراوية
Cultivated in al Misrakh (SW of Taiz), Soqotra.
- Vigna membranacea A. Rich. (2)
Soqotra.
- Vigna radiata (L.) Wilezek (8) كشري، لوبياء شعاعية
(syn. *Phaseolus mungo* L.).
Cultivated in Tihama & foothills.
var. glabra (Roxb.)Verdc. (8)
Bayt Anna eem.
- Vigna unguiculata (L.) Walp. (8) دجر
(syn. *V. sinensis* (L.)Endl., *V. catjang* Savi)
subsp. sesquipedalis (L.)Verdc.

- Cultivated: Coastal areas.
 subsp. *Unguiculata* (8)
Cultivated: Al U'deyn, Maswera
Vigna vexillata (L.) A. Rich.
 var. *angustifolia* (Schumach. & Thonn.)Bak. (8)
Rare: J. Milhan.
 var. *vexillata*. (8)
Rare: J. Raymah, J. Bura', J. Milhan, Khawlan Ashsham.
Zornia glochidiata Reichb. Ex DC. @
 (*syn. Z. diphylla Pers.*).
 Above Darho (Soqotra).
Zygocarpum coeruleum (Balf.f.)Thulin & Lavin * حمهر (*Thulin, 2001*)
 (*syn. Ormocarpum caeruleum Balf.f.*)
 Soqotra.
Zygocarpum dhofarensis (Hilleb. & Gillett) ** Thulin & Lavin@ أَرَمَخْم (*Thulin, 2001*)
 (*syn. Ormocarpum dhofarensis Hilleb. & Gillett.*)
 Huf (al Mahara)
Zygocarpum yemenense (Gillett) Thulin & Lavin * رهض، إرهض، حمور، شقز @ (*Thulin, 2001*)
 (*syn. Ormocarpum yemenense Gillett. O. bibracteatum E.G.Baker*)
 Western & southern mountains, Tihama foothills, Ad Dalil, Al Qafr, Al U'deyn,
 Lahj , Adhale', al Husha, Qa'taba.

FLACOURTIACEAE

- Dovyalis abyssinica* (Rich.)Warburg @ مُجَلْهَش، إِنْجَلَاهَش @
 (*syn. Aberia abyssinica Clos.*).
 Soqotra.
Oncopa spinosa Forssk. @ عَنَقَب @
 J. Bura', J. Rayma, Al U'deyn, Mutheikhira, Utuma.

FRANKENIACEAE

- Frankenia pulverulenta* L. (2)
 Rare: Qaa Busa & Qeschero (Soqotra).

FUMARIACEAE

- Fumaria abyssinica* Hamm. (7,8)
 J. Bura', Manakha, Khawlan Ashsham.
Fumaria parviflora Lam. (7,8)
 High altitude mountains: J.Saber: Taiz.

GENTIANACEAE

- Centaurium erythraea* Rafn. (8)
 Rare: Bawan, Khawlan Ashsham.
Centaurium tenuiflorum Fritsch (2)
 (*syn. Erythraea centaurium Pers.*)
 Soqotra.
Enicostemma axillare (Lam.) A.Raynal (in Willdenowia 32: 239-269, 2002)
 (*syn E. littorale Blume., E.verticillare (Retz.)Baill.* (8)
 Tihama & foothills, Taiz, Hadhramaut.
Exacum affine Balf.f. ex Rogel * @
 (*syn. E. gracilipes Balf.f.*)
 Soqotra, Samha, Wadi Rabkhut (Al Mahara)..
Exacum arabicum Thulin ** (in Nord. J. Bot. 21(3): 243-247 (2001)

- Ras Fartak, wadi Mougaiab NW of Damqut, Uteq NE of Al Ayn (Al Mahara)
Exacum caeruleum Balf.f. * @ عشب
(syn. *E. forbesii* Balf.f.)
Soqotra
- Exacum socotranum* Balf.f.. * (2)
Soqotra
- Sebaea microphylla* (Edgw.) Knobl. (8)
J. Hubaysh, Soqotra.
- Sebaea pentandra* E.Mey.
(syn. *S. barbeyiana* Schinz)
var. *burchellii* (Gilg.)Marais. (8)
Highlands e.g. Dhamar, W. Bana.
- Swertia polynectaria* (Forssk.)Asches. ex C.Chr. ** @
(syn. *S. decumbens* Vahl).
Highlands e.g. J. Sabir, J.Maswer, J. Alloz, J. Razeh.
- Swertia woodii* Shah. (8)
Ibb, J. Annab Shua'ib, J. Ta'ker, J. Maswer.
- GERANIACEAE**
- Erodium cicutarium* (L.) L`Her. Ex Aiton @
(syn. *Geranium cicutarium* L.).
Highlands: Kitab-Assadah road, Yarim-Al Makhader road, Firmihin (Soqotra).
- Erodium malacoides* (L.)Willd. (8)
(syn. *Geranium malacoides* L.).
J. Saber (Taiz), near Baran Manakha, Sanaa.
- Geranium arabicum* Forssk. @
(syn. *G. sinense* Hochst. ex A.Rich).
Widespread on highlands e.g. J. Saber, J. Sumara, Sanaa, Hajjah , Sadah-
Khawlan, Jiblah, Mtheikhira, Baa'dan.
- Geranium biuncinatum* Kokwaro (8)
Central escarpment, near Shibam, J. An Nasira-Hajjah , Sa'dah, Soqotra.
- Geranium mascatense* Boiss. @
Taiz (Hadna road), Between Shibam & Kawkaban, Soqotra..
- Geranium ocellatum* Jacq. ex Cam. (8)
(syn. *G. muscatense* Boiss).
Ibb, Sumara, Abyen, Shibam.
- Geranium robertianum* L. (8)
V. rare: highland e.g. Kusuma (Raymah), J. Maswer.
- Geranium simense* Hochst. ex A.Rich. (ref. Podlech, D. 1982).
W of Amran.
- Geranium trilophum* Boiss. (8)
(syn. *G. yemense* Defl.).
Central escarpment, Hajjah, Abyen, Soqotra.
- Monsonia heliotropioides* (Cav.)Boiss. (8)
Rare: Sa'dah, J. Manar, Maamer-Amran, DOVE company (Hadhramaut.)
- Monsonia nivea* (Decne.)Decne. ex Webb. (3,8)
Majz.
- Pelargonium alchemilloides* (L.)Ait. subsp *multibracteatum* (Hochst. ex A.Rich.)Kok. خبز الغراب
(syn. *P. multibracteatum* A.Rich.).
Highlands e.g. Hajjah, Sumara, W of Yerim, W of Amran.

Pelargonium hybridum (L.) L'Herit. (8)

Cultivated in Sanaa.

Pelargonium insularis Gibby & A.G.Mill * (2)

Soqotra

GLOBULARIACEAE

Poskea socotrana (Balf.f.) G.Taylor. * (2)

(*syn. Cockburnia socotrana* Balf.f.).

Al Mahara: N Fartak Mts, S of Nishtun, Soqotra.

GOODENIACEAE

Scaevola soqotraensis St. John (2)

Soqotra.

HALORAGACEAE

Myriophyllum spicatum L. (8)

Rare: Kawkaban, near Amran.

HYACINTHACEAE

Dipcadi balfourii Baker * (2)

Soqotra

Dipcadi biflorum Ghazanfar ** (2)

Soqotra

Dipcadi guichardii Radcl.-Sm. * (2)

Soqotra

Dipcadi kuriensis A.G.Mill * (2)

Soqotra, Abdul Kuri Island

Dipcadi filifolium Baker. (8)

Very rare: J. Zalamlam (Al H'adiyyah), shibam-Kawkaban.

Dipcadi viride (L.) Moench. (8)

(*syn. D. tacazzeanum* (Hochst.) E.G. Baker. *D. Minimum* Webb & berthelot, *D. Erlangeri* Dammer).

J. Saber, al Qaadah- Assayyani, J. Sumara, J. Raymah, J. Shibam, Manakha. Mafhaq.

Drima porphyrostachys (Baker) A.G.Mill * (2)

(*syn. Urginea porphyrostachys* Baker)

Soqotra

Ledebouria aff. revoluta (L.f.) Jessop (2)

Soqotra

Ledebouria grandifolia (Balf.f.) D.Alex. & AG. Mill. * (2)

(*syn. Haemanthus grandifolius* Balf.f.)

Soqotra.

Ledebouria insularis A.G.Mill. * (2)

Soqotra

HYDNORACEAE

Hydnora johannis Becc. (7) طفحوت

(*syn. H. abyssinica* A.Br. ex Schweinf.).

Parasitic on *Acacia* spp.: Taiz-At Turbah, Ibb, Bayt al Amir (Yarim), al Mahara.

HYDROCHARITACEAE

Enhalus acoroides (L.f.) Rich. ex Steud. (8)

Al Makha, al Hudaydah.

Halophila ovalis (R.Br.) J.D. Hook. (8)

Al Hudaydah, al Makhah.

Halophila stipulacea (Forssk.) Aschere. (8)
(syn. *Zostera stipulacea* Forssk.)

Rare: al Makhah.

Lagarosiphon roxburghii Benth. (2)
(syn. *Nechamandra alterniflora* Thwaites)
Soqotra.

Thalassia hemprichii (Ehrenb.)Aschers. (8)
Rare: al Hudaydah.

HYPERICACEAE (GUTTIFERAE)

Hypericum balfourii N.Robson * @ صيرب
Hagher (Soqotra).

Hypericum fieriense N.Robson. * (in Bull. Br. Nat. His. (Bot.)23(2):68 (1993)
Hagher (Soqotra).

Hypericum quartianum A.Rich. (8)
(syn. *H. affine* Steudel ex Oliver, *H. ulugurense* Engler)
Rare: J. Rayma above Al H'adiyyah.

Hypericum revolutum Vahl. subsp. *revolutum* . @ أبية
(syn. *H. kalmii* Forssk., *H. kalmianum* Vahl., *H. leucoptychodes* Steudel.)
J. Saber (Taiz), J. Rayma, Kuhlman, SW Jibla, J. Ta'aker.

Hypericum scopulorum Balf.f. * @ شيرب
Soqotra.

Hypericum socotranum Good * (2)
subsp. *smithii* N.Robson (in Bull. Br. Nat. His. (Bot.)12(4):194 (1985)
Hammerdoh (Soqotra).
subsp. *socotranum*. (@ , 2) بنشي
Qalansiyah (Soqotra).

Hypericum tortuosum Blf.f. * (2)
Soqotra

HYPOXIDACEAE

Hypoxis angustifolia Lam. (8)
(syn. *H. luzuloides* Robyns & Tournay)
Rare: Al U'deyn, J. Ba'adan, Ibb, Tihama foothills, Soqotra.

Hypoxis villosa L.f. (8)
J. Numan.

IRIDACEAE

Babiana socotrana Balf.f. * (2)
Soqotra.

Gladiolus candidus (Rendle) Goldblatt (in Willdenowia 32: 239-269, 2002) بيظاح
(syn. *Acidanthera laxiflora* Baker., *G. ukambanensis* (Baker) Marais)
Huf (Al Mahara)

Gladiolus dalenii Van Geal. (8)
(syn. *G. natalensis* (Ecklon.) Reinw. ex Hook.f.).
At Turbah, J. Eraf, Kitab, Ibb, J. Milhan..

Iris albicans Lange. @ زرنيق، أيجر
J. Saber, J. Sumara, Yerim, Kitab, Shibam, Mutheikhira, Dhisufal, Manakha,
Shibam, Wussab, Kusuma, Ba'adan.

Romulea fischeri Pax. (8)
Rare: Highlands e.g. J. Saber, J. Ta'aker, Kusumah, Soqotra.

JUGLANDACEAE

Juglans regia L. @ جوز

Cultivated in Haddah (Sanaa)

JUNCACEAE

Juncus acutus L. (3) سمار، أسل

Manakha, eastern mountains.

Juncus articulatus L. (5)

Dhisufal.

Juncus bufonius L. (8)

Sanafan, Khawlan Ashsham, Soqotra.

Juncus fontanesii J.Gay. subsp. *pyramidatus* (Lah.)Snog. (8)

Al Qaadah, Manakha, W. Dhahr.

Juncus inflexus L. (@, 8)

Highlands e.g. Waalan, Dhamar, Yerim, al Hada.

Juncus punctorius L. (@, 8)

Highlands e.g. At Turbah, Sa'dah, Nihim.

Juncus rigidus Desf. @ إشالة، إشيلة (سقطرى)

(syn. *J. arabicus* (Asch. & Busch. ex Boiss) Adams, *J. maritimus* var. *arabicus* Lam.).

Sa'dah, Soqotra, Gheil Omar (Hadharamaut).

Juncus sparganiifolius Boiss. & Kotschy. (5)

Dhisufal.

Juncus soqotranus (Buch.)Snog. ** (8)

(syn. *J. maritimus* Lamk. var. *socotranus* Lam.).

N of Radaa, Al Haradha (Hammam Damt), Waalan Dhamar, Soqotra.

LAMIACEAE (LABIATAE)

Ajuga bracteosa Wall ex Benth. (8)

Widespread in highland e.g. Dhisufal, Ibb, Al U'deyn.

Becium filamentosum (Forssk.) Chiov. @

(syn. *Ocimum eu-filamentosum* Schweif., *O. filamentosum* Forssk.).

Tihama foothills, Taiz, al Baydhah, Nihm, Lahj, Adhale'.

Becium obovatum (E.Mey.) N.E.Br. (8) أسل

Ibb- Udayn, al Siyani, Sumara, Dhamar.

Endostemon gracilis (Benth.) M.Ashby (8)

(syn. *Orthosiphon melhanensis* Schweinf.).

Rare: J. Milhan, J. Bura', J. Raymah.

Endostemon tenuiflorus (Benth.) Ashby. (8)

(syn. *Orthosiphon tenuiflorus* Benth.).

Tiham foothills, Taiz, Al Udeyn, Lahj, Adhale', Soqotra.

Endostemon tereticaulis (Poir.) M.Ashby. (8)

Rare: Tihama foothills, Medium altitide mountains, W. Assukhnah, J. Mirran, al Mahabishah,

Hyptis pectinata (L.) Poit. (8)

Rare: J. Bura', J. Milhan, Haraz, J. Marran, J. Azzan (Ba'adan).

Isoleucas arabica Schwartz * (4)

E of Sayhut, W of Qishin (Al Mahara)

Lamium amplexicaule L. (8)

Rare: J. Saber, J. Manar, Bawaan.

Lavandula angustifolia Miller (8)

- (*syn. L. vera* DC.).
Introduced: cultivated.
- Lavandula atriplicifolia* Benth. @ هلال
(*syn. L. canescens* Defflers).
Highlands e.g. J. Saber, Dhamar, Yasleh pass, Qa Bakil, Khawlan
Ashsham, Wussab al Ali, J. Raymah, SW of Maaber, near Sanaa, J. Nuqum,
Sa'ada.
- Lavandula citriodora* A. Miller. ** (In Notes RBG Edinb. 42(3): 524 (1985)
Highlands e.g. Yesleh pass, S and E of Sanaa, Shahara, Khawlan Ashsham,
Haddah, J. Allowz, Yafea.
- Lavandula cronopifolia* Poir. (8)
(*syn. L. stricta* Del.).
Highlands e.g. Hajjah, Radaa, Sanaa-Marib road, S of Sa'dah, Khawlan
Ashsham, Damt, Shaharah, Al Kharf – Sa'dah road, al Maraqlsha, J. Al Araes
(Abyen), Ar Rayan-Sayun road.
- Lavandula dentata* L. (8)
(*syn. L. santoliniaefolia* Spach)
Highlands e.g. Khawlan Ashsham, Yasleh pass, Sa;da, J. Maswer.
- Lavandula dhofarensis* A. Miller. ** (In Notes RBG Edinb. 42(3): 510(1985)
J. Shahrut (Al Mahara)
- Lavandula macra* E.G.Baker. (in Kew Bull. 93:339 (1984)
Musaymir (Lahj), Near al Mukalla, Kor Seyban, wadi Himem, wadi Daua'n,
Sayun-al Mukalla (Hadhramaut).
- Lavandula nimmoi* Benth. * @ صورك، سرك
(*syn. L. bipinnata* Kuntz var. *nimmoi* (Bentham)Kuntze)
Soqotra.
- Lavandula pubescens* Decne. @ فاحطة، ذفار، حلف الجمل، سنيب، فحيح
Widespread e.g. Taiz, Yarim, Dhamar, Sanaa, Huth, SE of Rad'a, Sanaa, wadi
Dhahr, Sanaa-Al Hudeydah road, E of Manakha, Shaharah, Raydah, NW of Aden,
Adhale',
SE of Radaa, NE of Sanaa, Yerim, Lawdar.
- Lavandula setifera* T.Anderson. (in J. Linn. Soc., Suppl. 5:29 (1860)
(*syn. L. hipinnata* Kuntze).
Near Aden, above Qashin.
- Lavandula subnuda* Benth. ** (1) كتاعة، عطانة، وثبة
(*syn. L. bipinnata* Kuntze & *subnuda*)
Hadhramaut.
- Leucas alba* (Forssk.)Sebald. ** @ شقب
(*syn. L. royleoides* (Benth.)Guer, *Ballota forskahlei* Benth. *Lasiocorys arabica*
Jaub. & Spach.).
Taiz-Mauia road, J. Habashi (Taiz), Tihama foothills, Dhi Sufal, Al Udeyn, Al
Husha, Damt, Qa'tabah, Ad Dhale', Al Hus'ain, Jihaf, Al A'zareq.
- Leucas dhofarensis* Hedge & Sebald. ** (in Not. RBG Edin. Vol. 40(1)63: 1982)
Jadib-Damqaut (al Mahara)
- Leucas flagellifolia* (Balf.f.) Guerke * @ إشفطهن
(*syn. Lasiocorys flagellifera* Balf.f.).
Soqotra, Samha.
- Leucas glabrata* (Vahl) R.Br. @ شقب، نبييت
(*syn. L. glaberrima* Jaub. & Spach, *L. trachyphylla* Jaub. & Spach.).

- J. Bura', Taiz, Ibb, Sanaa, Manakha, Lahj , Adhale' .
Leucas haggierensis Gifri & Cortes-Burns * (2)
Soqotra
Leucas inflata Benth. (8)
(syn. *Physoleucas inflata* (Benth.) Jaub & Spach.).
Al Hujariyah, J. Nuqum.Dhamar, Qaatabah, Khawlan Ashsham, Raydah,
Russabah, Shiharah, Abyen, Lahj, J. Gedu (Shabwa) .
Leucas kischenensis (A.R.Smith) Sebald * @
(syn. *L. thymoides* Baker *L. thymoides* subsp. *kischenensis* (A.R.Smith) Sebald).
Firmihin (Soqotra).
Leucas martinicensis (Jacq.) R.Br. @ (سقطرى) طامرهن
Al Hujariyah, Damt, Ibb, Hajjah , Soqotra.
Leucas neuflyzeana Courb. (2)
Soqotra.
Leucas penduliflora Gifri & Cortes-Burns * (2)
Soqotra
Leucas samhaensis Cortes-Burns & A.G.Mill * (2)
Samha.
Leucas spiculifolia (Balf.f.) Guerke. * @ (in Englera 28: 57-77, 2006) صععل هون
(syn. *Lasiocorys spiculifera* Balf.f., *L. spicata* R.Br.).
Soqotra.
Leucas urticaefolia (Vahl) R.Br. @
Tihama foothills, Taiz, Highlands, Lawdar (Abyen), Al Mahara, Soqotra.
Leucas virgata Balf.f. * @ صععل هون
Soqotra.
Marrubium vulgare L. (8) حشيشة الكلب
Highlands e.g. Qa Jahran, Sanafan, Haddah.
Mentha longifolia (L.)Huds. @ حيق، نعنع
(syn. *M. sylvestris* L.)
subsp. *schimperii* (Briq.)Briq.
Taiz, Assayani, Dhisufal.
Meriandra bengalensis (Hamilt.) Benth. @ ضرو
Highlands e.g. Dhamar, Sumara, Damt, Khawlan Ashsham, Yasleh, Qaa Jahran.
Micromeria abyssinica Benth. (8)
(syn. *Satureja abyssinica* (Benth.) Briq)
J. Saber, J. Raymah, J. Milhan, al Hayma al Kharijiyah.
Micromeria imbricata (Forssk.) Christ. @ شجر الشاي
(syn. *M. biflora* Benth., *M. punctata* Benth., *Satureja biflora* (Buch.-Ham. ex
D.Don)Briq.).
Widespread on highlands e.g. J. Saber, Assayani, J. Ta'ker, Ibb, Al U'deyn,
Mashwarah, Arrabadi, Dhisufal, Ashawaet', Ba'dan, Kitab, W. of Sanaa, Sumara,
Yerim, Qaa Jahran. Hajjah, Manakha, Huth, Raydah, Jihaf, Qa'tabah, Ashue'ib,
Al Husha, Yafea, Shabwa.
Micromeria remota Balf.f. * (2)
(syn. *M. microphylla* Benth., *M. microphylla* var. *imbricata* Balf.f., *Satureja*
remota (Balf.f.) Vierh.)
Soqotra, Samha.
Nepeta deflersiana (Schweinf. ex) Hedge. ** (in Not. RBG Edin. Vol. 40(1)65: 1982)
مسكرة الادمم، مكررة الادمم، فروق، شقر النوب، فراش قمل

- (*syn. N. rugosa Benth.*).
Widespread: J. Saber, al Akahilah (NE At Turbah), His'n Hab, Ba'dan, Sanaa, Hajjah, J. Sumara, J. Ta'ker, Dhamar, Yerim, Manakha, J. Razeh (W of Sa'dah).
Nepeta woodiana Hedge. * (in Not. RBG Edin. Vol. 40(1)67: 1982)
J. Sumara- J. Manar NE Ibb.
- Ocimum dhofarens (Sebald) Paton ** @ هودم
(*syn. Becium dhofarens (E.G.Baker)Sebald.*)
Al Mahara.
- Ocimum basilicum L. @ var. purpurascens Benth. ريحان، حبق
Potherb: Taiz, Abyen, Adhale', Lahj .
- Ocimum canum L. (8)
Al Mishrafah (W. Rimaa).
- Ocimum gratissimum L. (8)
(*syn. O. viride Willd.*).
W. Assukhnah.
- Ocimum forskolei Benth. @ حبيق، عنيصرة، حبق، ضومر، شقر، عضة فاطمة، شقر فاطمة
(*syn. O. gratissimum Forssk., O. hadiense Forssk., O. menthifolium Hochst. ex Benth.*).
Widespread e.g. Tihama foothills, Taiz, Hajdah, Shara'b, J. Habashi, Al Barh, Al Hujeriyah, Assayani, Al Qafir, Al U'deyn, Dhisufal, Russabah, Sanaa, Dhamar, Lahj, Manakha, Haddah, Qa'tabah, Demt, Ashue'ib, Juban, Al Hussein, Adadale', Al Husha, Jihaf, al Azareq, Soqotra.
- Ocimum serpyllifolium Forssk. @
(*syn. Becium serpyllifolium (Forssk.)Wood. (8).*)
Highlands e.g. J. Sawraq (NE Taiz), J. Sumara, Wadi Khabesh (Utuma).
- Ocimum spicatum Defl. (8)
(*syn. O. cylindrostachys Schweinf.,.*)
Al Hujariyah, J. Bura', Madinat Ashsharq, al Mahabishah.
- Ocimum suave Willd. (8)
W. adhabab, Al U'deyn, Utuma, Haraz.
- Ocimum tenuiflorum L. @ قرنفل
(*syn. O. sanctum L.*)
Cultivated in Tihama foothills.
- Origanum majorana L. @ أزاب
Cultivated as potherb.
- Orthosiphon brachystemon Defl. * (4)
Rare: J. al Arays
- Orthosiphon ferrugineus Balf.f. * @
Soqotra
- Orthosiphon pallidus ex Benth. Royle. ** (8)
Tihama & foothills, Maqbanah, Wussab, Soqotra.
- Orthosiphon thymiflorus (Ruth.)Sleesen @
(*syn. O. glabratus Benth.*).
Tihama foothills, Taiz, al Mahabishah.
- Otostegia fruticosa (Forssk.) شقبق
subsp. fruticosa (@ , 8)
(*syn. O. repanda Benth., O. scariosa Benth.*)
Widespread: J. Saber, Dhamar, Yesleh, Sanaa, Adhale', Abyen, Hadhramaut .
subsp. schimperi (Benth) Sebald

- (syn. *O. arabica* Jaub. & Spach., *O. benthamiana* Jaub. & Spach., *O. microphylla* (Del.)Aschers. & Schweing.).
Abyen, Shabwa, Hadhramaut, Al Mahara.
- Otostegia integrifolia* (R.Br.)Benth. (3)
NW Al Mukalla
- Plectranthus amboinicus* (Lour.)Spreng. (8) وعلة
Cultivated in J. Bura', J. Milhan, J. Marran.
- Plectranthus arabicus* Bruce. * (8)
(syn. *Ocimum zatarhendi* Forssk.).
Widespread: Tihama foothills, Hajdah, Maqbanah, medium altitude mountains, Bani Umar (Al Hujariyah), As Sayani, Demt, Qa'tabah, Jihaf, Al Mahabisha (NW Hajjah).
- Plectranthus asirensis* J.R.I. Wood. ** (8)
(syn. *Coleus arabicus* Benth.).
J. Saber, At Turbah, Sanaa, Al Mahwit: between Rujm and At Tawilah, Hajjah: Kuhlan, Wadi La'ah and between Bayt A'dhaqah and J. Sharafayn, Sa'dah: J. Rازه, J. Marran and J. Minmar.
- Plectranthus barbatus* Andr. (8) بيده
(syn. *Coleus barbatus* (Andr.) Benth.).
Highlands e.g. ibb, Jiblah, Sumara.
- Plectranthus cicatricosus* (Huth. & E.A.Bruce) Wood. (8)
Very rare: Maghreb Ans.
- Plectranthus coerulescens* (Guerke) Willemse. @
Al Hujariyah (Taiz).
- Plectranthus cylindraceus* Hochst. ex Benth. @ خروب، مدن
Widespread from low to highlands e.g. At Turbah, Sanafan, al Baydhah.
- Plectranthus hadiensis* (Forssk.) Schweinf. Ex Sprenger. @ مدن
J. Saber, al Hujariyah, J. Sawraq, al Misrakh, Al H'adiyyah.
- Plectranthus hyemalis* J.R.I. Wood. * @ عضب
Saql, Al Ahkum and between Yusufin and Al Qabaytt'ah (Al Hujariya), Demt, Sanaa, Juben, Ashue'ib, Al Husha, J. Gedu (Shabwa), Kor Seiban (Hadhramaut).
- Plectranthus ignarius* (Schweinf.) Agnew (8)
(syn. *Coleus ignarius* Schweinf.).
Rare: Khamis Bani Saad.
- Plectranthus lanuginosus* (Hochst. Ex Benth.) Agnew. (8)
Highlands e.g. Al Hujariyah (al Akahilah), J. Maswer.
- Plectranthus ovatus* Benth. * @
Highlands e.g. J.A'yfua, Ba'adan, J. Ta'ker, Muthaykhirah, J. Khadra, Mashwara.
- Plectranthus socotranus* A.R.Smith. * @ طفرع
Soqotra
- Plectranthus tenuiflorus* (Vatke) Agnew. (8) مدن
(syn. *Coleus zatarhendi* (Forssk.)Benth.).
Tihama foothills, Taiz, western mountains.
- Salvia aegyptiaca* L. @
Highlands e.g. Al Hujariyah, Yerim, Qafr, al Baydhah, Hajjah, Haraz, al Mahwit, Sa'dah.
- Salvia areysiana* Defl. * (4)
Al Maraqisha and J. Al Arays (Abyen),
- Salvia merjamie* Forssk. @ مصاص، ريجان البقر، ضرو

- (*syn. S. nudicaulis Vahl.*)
Highlands e.g. J. Saber, At Turbah, Annajd Al Ahmer, Dhamar, Yerim, Sanaa, Hajjah .
- Salvia nilotica* Jacq. (8)
Rare: J. Milhan, al Mahwit, Al H'adiyyah.
- Salvia schimperii* Benth. (8) خزامة
Highlands e.g. Dhamar, w of Yarim, Manakha, Khawlan Ashsham, al Baydhah.
- Scutellaria rubicunda* Hornem. subsp. *arabica* (Jaub. & Spach.) Podl. (in Mitt. Bot. München 18:422(1982)
Ba'dan, Ashshawaet', Jibla, Hajjah, Shibam, w of Amran, SW Sanaa, J. Sumara, Manakha, J. Ta'aker.
- Solenostemon latifolius* (Hochst. ex Benth.) J.R.Morton. (8)
(*syn. Coleus latifolius Hochst. ex Benth.*)
Rare: Ibb. Al U'deyn, Al H'adiyyah.
- Stachys yemenensis* Hedge. **. (in Not. RBG Edin. Vol. 40(1)71: 1982) بيض، شحاح
Widespread: Taiz eg. J. Saber, Al Akahila, Al Qabeit'a, J. Sawraq, Najd Dhamaran and At Turbah J. Maswer, J. A'yban, J. Nuqum, J. A Lawz, Jiblah, Yerim-Iryan, W of Sanaa, Wadi Bana, Qa al Haql, J. Sumara, W of Yarim, E of Kitab, Yarim-Al makhader road, J. Nuqum, Yasleh, Sanaa-al Hudaydah, J. Nuqum, Maula Matar (Hadramaut).
- Teucrium balfourii* Vierh. * @
(*syn. T. prostratum Balf.f.*)
Soqotra.
- Teucrium eximium* Schwartz. * (4)
Hadhramaut .
- Teucrium leucocladum* Boiss. (ref. the herbar. of al Kod, Acsad, 1986) ?? Doubtful record
Arrayyan-Sayun road (Hadhramaut)
- Teucrium rhodocalyx* Schwartz *
Hadhramaut
- Teucrium nummularifolium* Baker. ** (4)
(*Syn. Teucrium paulayanum Schwartz.*) (4)
Al Mahara.
- Teucrium rhodocalyx* Schwartz. * (4) شبيبة عجوز
Hadhramaut .
- Teucrium sokotranum* Vierh. * @ فجهن
(*syn. T. petiolare Balf.f., T. petiolare var. pubescens Balf.f.*).
Soqotra
- Teucrium yemense* Defle. ** @ خودس، مبيض
At Turbah, Al Qabeta & Jabel Eraf (Taiz), Yarim, J. Sumara, Dhamar, Yeslih, Sanaa, Manakha, Hajjah, Madinat Ashsharq, Shaharah, Kuhlan Affar, Yafea, Abyen, Juban, Demt, Qa'taba, Adhale', Al Azareq, Ashue'ib.
- Thymus laevigatus* Vahl. ** @ زعتر، صعتر
(*syn. T. serpyllum L.*)
Widespread: J. Sumara, J. Ta'ker, W of Yerim, Ibb, Al U'deyn, Ibb-Al U'deyn road, SW Jibla, J. Maswer, Mutheikhira, Ar Rabadi, NW Dhisufal, Ashawaet', Ba'dan, Assada, Kitab, Hajjah, Raydah, Madaq (Khawlan Ashsham), between Haydan and Saqayn (Sa'dah), Yerim, J. Nuqum, J. Annabi Shua'ib, Attawilah, ,
- LAURACEAE**
Cassipourea filiformis L. (8), @ فشعة، تشام

(*syn. Volutella aphylla Forssk.*).

Coastal areas, central escarpment, J. Bura'.

LEMNACEAE

Lemna qibba L. @ بليسة

Highlands e.g. Assinah (s of Taiz), Shibam, Kitab.

Lemna minor L. (8)

Yerim, Madinat Ashsharq, Wadi Shalalah.

Lemna perpusilla Torrey. (8)

Tihama foothills, J. Rayma, Huf (Al MAhara).

LENTIBULARIACEAE

Utricularia australis R.Br. (8)

(*syn. U. neglecta Lehm.*)

Rare : W. Bana near Arribat

Utricularia striatula Sm. @

Soqotra.

LILIACEAE

Albuca abyssinica Jacq. @

(*syn. A. nemorosa Chiov. Scilla petitiana A. Rich.*)

Taiz, Al U'deyn, J. Ta'aker, J. Gedu (Shabwa).

Allium cepa L. @ بصل

Cultivated.

Allium porrum L. @ كراث

Cultivated.

Allium sativum L. @ ثوم

Cultivated.

Bulbine abyssinica A.Rich. (8)

(*syn. B. asphodeloides (L.) J.A. & J.H. Schult.*)

Ibb, Shiharah, Haraz, Kawkaban.

Chlorophytum tetraphyllum (L.) Bak. (8)

Ibb.

Chlorophytum tordense Chiov. (8)

At Turbah.

Kniphofia sumarae Defl. * @ قشمار البوق، بصله

J. Saber, J. Sumara, J. Ta'ker, Ba'adan, Jiblah, His'n Hab, Ar Rabadi, J. Qaradh, Hubeish, Al Manar, SW Jibla.

Lilium candidum L. (8) رنجز

Cultivated above Al H'adiyyah

Merendera schimperiana Hochst. (in Flora of Ethiopia & Eritrea, vol. 6, p. 208, 1997)

(*syn. M. abyssinica A.Rich.*) (8)

J. Saber, Al Akahilah (al Hujariyah), J. Maswer, J. Ta'aker.

Scilla hyacinthina (Roth) Alston @ ثوم الرباح

(*syn. S. indica Baker, S. yemensis Deflers, S. sickenbergeri Defler.*)

Al Hujeriya, J. Habashi, J. Saber, Ibb, Dhisufal, Assayani, Al U'deyn,

Mashwara, Jibla, Ribat Al Qala', E of Yarim, Ussab al Ali, Al H'adiyyah, Soqota.

Trachyandra saltii (Bak.) Oberm. (8)

(*syn. Anthericum saltii Bak.*)

Rare: S. of Ibb, Mudhaykhirah.

Urginea indica (Roxb.) Kunth. (ref. The herbar. Of Aden Univer.)

Al Milah (N of Lahj).

LINACEAE

Linum strictum L. (8)

Rare: J. Bura', Kusumah, Raymah, Wussab al Ali, Sumarah, J. Qaradh, Ba'adan, Muthaykhira, J. Ta'aker, J. Al Arays (Abyen).

Linum trigynum L. (8)

(syn. *L. gallicum* L.).

Very rare: Highlands e.g. Shibam, Manakha, Wussab al Ali, Soqotra.

Linum usitatissimum L. (8) مومہ، کتان

(syn. *L. humile* Mill., *L. brachyperalum* Schwartz).

Cultivated in highlands e.g. J. Saber.

Linum volkensii Engl. (8)

J. Milhan, J. Raymah, J. Masaar (Haraz).

LOASACEAE

Kissenia arabica (1)

(syn. *K. spathuolata* R.Br.).

Gold Mor (Aden), Aden – Ataq road

LOGANIACEAE

Buddleja polystachya Fres. @ عفار

Dhisufal, Sumara, Dhamar, al Ahjor, Bani Mattar, Dhawran.

Mitreola petiolata (J.F.Gmel.) Torr. & Gray ** (in Willdenowia 32: 239-269, 2002)

(syn. *Cynoctomum mitreola* (L.) Britton)

Huf: Al Mahara.

Nuxia congesta R.B. ex Fresen. (@ قطن

Rare: J. Saber, Ibb, J. Manar, Ba'adan, Sumara, Raymah, Milhan.

Nuxia oppositifolia Hochst. @ رماح، عثرب، سواد

(syn. *N. dentata* R.Br.).

W. Warazan, W. Adhabab & al Ahkum, Wadi Ases (S.of Taiz), Utuma, Haraz, J.

Bura', Milhan, J. Al Arays (Abyen).

LORANTHACEAE

Helixanthera thomsonii (Sprague) Danser. (7,8)

(syn. *Loranthus thomsonii* Sprague.).

Very rare: on *Commiphora* spp.; Taiz.

Oncocalyx doberae (Schweinf.) A. Miller & Nyberg. * (8)

(syn. *Loranthus doberae* Schweinf.).

Rarest & threatened: on *Dobera* & *Tamarix*; Al Khalifah (W of J. Bura'), Al

Hajjaylah (E of J. Bura'), Wadi Yur.

Oncocalyx schimperi (Hochst. ex Rich.) Gilbert. (7,8)

(syn. *Loranthus schimperi* Hochst, *Odontella schimperi* (Hochst.)v.Tiegh.).

Widespread e.g. Arrahidah, Jiblah, Yesleh, Radaa.

Phragmanthera austroarabica Miller & Nyberg. ** (7) كرد

(syn. *Loranthus regularis* Steud. ex A.Rich., *L. rufescens* DC, *P. regularis* (Steud. ex A.Rich.)Balle.,).

Widespread in medium altiti. & highlands e.g. Al Hujariyah, NW Dhamar,

Udayn, Lahj, Adhale', Waalan.

Plicosepalus acaciae (Zucc.)Wiens & Polhill. @ هدل

(syn. *Loranthus acaciae* Zuce., *L. arabicus* Deflers, *Tapinostemma acaciae* (Zucc.)Tiegh).

Tihama, al Mafrq (W. of Taiz), At Turbah, al Qaadah, Ibb, Utuma, Adhale',

Madiant Ashsharq, Huth, al Harf.

Plicosepalus curviflorus (Benth. ex Oliv.) Tiegh. (7,8)

(syn. *Loranthus curviflorus* Benth. *L. fauroti* Franch, *P. faurotii* (Franchet) Tiegh.).

Bagel, Taiz, Kamaran island, Radaa, Khawlan, Modia-Lawdar road (Abyen),
Mayfaa-al Mukalla road (Hadhramaut).

Tapinanthus globiferus (A.Rich.) Teighem. (7,8)

(syn. *Loranthus globiferus* A.Rich.).

Tihama foothills, al Hujariyah, al Mahabishah.

LYTHRACEAE

Ammannia auriculata Willd. (8)

Rare: J. Milhan, J. Raymah.

Ammannia baccifera L. (8)

(syn. *A. attenuata* Hochst. ex A.Rich.).

Suq al Ahd (Wussab Assafel), Soqotra.

Ammannia multiflora Roxb. (2)

Soqotra.

Lawsonia inermis L. @ حنة

(syn. *L. alba* Lam.).

Taiz, Tihama and foothills, Aden.

Lythrum hyssopifolia L. (8)

Ba'adan, Dhi Assufal, Khawlan Ashsham, Soqotra.

Rotala ? serpiculoides Hiern. (8)

W. Adhabab (Taiz).

Woodfordia uniflora (A.Rich.) Koehne. (8)

J. Milhan, J. Bura', J. Raymah, Haraz, Shihara.

MAGNOLIACEAE

Michelia champaca L. فل

Introduced, J. Saber, Haraz, J. Raymah.

MALPIGHIACEAE

Acridocarpus socotranus Oliv. * @ كرلة

Killisan (Soqotra).

Caucanthus edulis Forssk. (8) متن، قوقع

(syn. *Aspidopteryx yemensis* Defl.).

Hagdah (Taiz), Tihama foothills, Al Hujariyah, Al U'deyn, Raymah, Bura',
Khamis bani Saad.

MALVACEAE

Abelmoschus esculentus (L.) Moench. @ بامية

(syn. *Hibiscus esculentus* L.)

Cultivated :

Abutilon bidentatum Hochst. ex A.Rich. @ غبير

(syn. *A. indicum* (L.) G. Don.).

Tihama, Hagdah-Ramada (w of Taiz), Aden, Wadi Dhahr, Jiblah, Hajjah, Lahj,
Hadhramaut.

Abutilon fruticosum Guill. & Perr. @ عفار

Tihama foothills, Hagda (W of Taiz), Sanaa, Aden, Hadhramaut, Qa Jahran,
Hizyaz, eastern plateau, Hadhramaut, Soqotra.

Abutilon hirtum (Lam.) Sweet. (8) عطيب

(syn. *A. figarianum* Webb, *A. graveolens* (DC.) Wight & Arn.).

Rare: Manakha, Sanaa, Madinat Ashsharq, Haraz, Soqotra.

- Abutilon longicuspe* Hochst ex A. Rich. (8)
Ibb, Ba'adan, Sumara, Sa'dah.
- Abutilon pannosum* (Forrsk.) Schlechl. (1,8) عفار
(syn. *A. muticum* (Del.) Webb).
Tihama foothills, Harib, Aden, Abyen, Hadhramaut, Soqotra.
- Abutilon ramosum* (Cav.) Guill & Perr. (8)
Al Misrakh, Tihama, Shahara.
- Althaea ludwigii* L. (5)
Raydah, Dhamar.
- Althaea rosa* Cav. @ الخطمية
Introduced: Planted as ornamental.
- Cienfuegosia welshii* (T. Abders.) Garcke. (1)
Aden, Hadhramaut.
- Gossypium arboreum* L. (8)
(syn. *G. rubrum* Forssk., *G. arboreum* var. *Paradoxum*, *G. nanking* Meyen).
Bani Umar, Tihama, Al H'adiyyah, Southern coastal area.
- Gossypium areysianum* Defl. * @ قطن بري
(syn. *Fugosia areysiana* Defflers.)
J. al Arays (Abyen), Adhal'e.
- Gossypium barbadense* L. (2) قطن، إيشيرة (سقطرى)
Cultivated. Taiz, J. Saafan, Soqotra.
- Gossypium herbaceum* L. (8) قطن
Tihama.
- Gossypium hirsutum* L. var. *punctatum* (Schum.) Hutch. (8) قطن
(syn. *Gossypium punctatum* Schwn. & Thonn.).
Cultivated: Sanaa.
- Gossypium incanum* (Schwartz) Hillcoct. * (4)
(syn. *Cienfuegosia incana* Schwartz)
Southern foothills, J. Gedu: Shabwa, al Mahara.
- Gossypium stocksii* Masters (in Willdenowia 32: 239-269, 2002)
Huf and J. Fartak (Al Mahara)
- Hibiscus aethiopicus* L. (8)
V. rare: J. Milhan, J. Rayma, Al H'adiyyah.
- Hibiscus aponeurus* Sprague & Hutch. (8)
Rare: Shiharah, al Mahabisha.
- Hibiscus cannabinus* L. (8)
Taiz, al Mishrafah, Kholan Ashsham, al Kod (Abyen).
- Hibiscus deflersii* Schweinf. @ حنقص، حنيفان، خبز الرعيان
Widespread: Tihama foothills, Taiz, Assayani, Al Qae'dah, Assayani,
Mutheikhira, Baa'dan, Aden, Utumah, Dhamar, Hajjah, Yafea, Lahj, Adhale'.
- Hibiscus dioscorides* A.G. Mill. * (2)
Soqotra
- Hibiscus diriffan* A.G. Mill. * (2)
Soqotra
- Hibiscus dongolensis* Del. (8)
Low & medium altitude mountains.
- Hibiscus lobatus* (Murr.) Kunt. (8)
(syn. *H. solandra* L'Her)
Al U'deyn, Soqotra.

- Hibiscus macropodus* Wagner & Vierh. * درفهن @
Soqotra.
- Hibiscus malacophyllus* Balf.f. * (2)
Soqotra.
- Hibiscus micranthus* L.f. @
Taiz, Manakha, Aden, Qa Jahran, Sanaa, Dhamar, Hadhramaut, Soqotra.
- Hibiscus modaticus* Hochst. (2)
Soqotra.
- Hibiscus noii-tangere* A.G.Mill * (2)
Soqotra
- Hibiscus ovalifolius* (Forssk.) Vhl. (8)
(syn. *H. calyphyllus* Cav.).
Western mountains.
- Hibiscus palmatus* Forssk. (8)
(syn. *H. intermedius* A.Rich.).
Tihama & foothills, Taiz, Soqotra.
- Hibiscus panduriformis* Burm.f. (8)
Tihama, Taiz.
- Hibiscus purpureus* Forssk. (8)
(syn. *H. meidiensis* Ulbr.).
High & Medium mountains.
- Hibiscus rhabdotospermus* Garcke. (8)
Maqbanah, Hagdah, Hagdah-Madrubah, wadi rusyan (Taiz).
- Hibiscus quattenensis* A.G.Mill. & Thulin * (2) @ درفهن
Sheltred valley (Soqotra)
- Hibiscus sabdariffa* L. (8) كركديه
Cultivated in Hadhramaut.
- Hibiscus rosa-sinensis* L. @
Introduced: Cultivated as ornamental, Taiz, Sanaa.
- Hibiscus scindicus* Stocks (2)
Soqotra
- Hibiscus scotti* Balf.f. * @ درفهن
Soqotra.
- Hibiscus sidaeformis* Baill. (8)
(syn. *H. ternatus* Mast.)
Hagdah, Wussab, Rihab, Hara, J. Attur, Soqotra, Hadhramaut
- Hibiscus socotranus* G.Ll.Lucas * (2)
Soqotra
- Hibiscus somaliensis* Franch. (8)
Rare: Huth, Radaa.
- Hibiscus stenanthus* Balf.f. * (2) درفهن
Soqotra.
- Hibiscus trionum* L. @ غبيرة، جلجل الراعي
Taiz, J. Bura', Ibb.
- Hibiscus vitifolius* L. @ شقر الحمار
Widespread: Tihama foothills, Taiz, Dhamar, Al U'deyn, Sanaa, Adhale' e,
Abyen, Yafea, Soqotra.
- Kosteletzkyia adoensis* (A.Rich.) Mast. (8)
Rare: Ibb- Suq Assabt.

- Malva parviflora* L. @ خبيزة، قاره، خبز العنصار، حرضة
Widespread e.g. Taiz, Ibb, Dhisufal, Dhamar, Harib, J. Annabi Shua'ib, Soqotra.
- Malva pusilla* Sm. ? (3) Doubtful record
(syn. *Malva rotundifolia* Wallr., *Malva crenata* Kit.) (3)
- Malva verticillata* L. (8)
(syn. *Althaea crispa* Alef., *Malva abyssinica* A. Br., *Malva alchemillifolia* Wallich, *Malva brevifolia* Gilib., *Malva crispa* (L.) L., Sanaa.
- Malvastrum coromandelianum* (L.)Garcke. (8)
Introduced: J. Bura'. J. Milhan.
- Pavonia arabica* Hochst. ex Boiss. @ (سقطرى)
S. of Zabid, Bani Omar (Taiz), al Faydh(Abyen), Soqotra.
- Pavonia burchellii* (DC.)R.A.Dyer. (8)
(syn. *p. kraussiana* Hochst.).
Sumarah, Kuhlan, Ba'adan, Dhisufal.
- Pavonia flavo-ferruginea* (Forssk.)Hepper & Wood. (8)
(syn. *P. glechomifolia* (A.Rich.)Garcke, *P. patens* (Andr.)Chiov.).
Hithran, Bani Umar .
- Pavonia hildebrandtii* Gurke ex Ulbr. (8)
W. Mour, SW Madinat Ashsharq, al Mahabisha.
- Pavonia kotschyi* Hochst ex Webb. (8)
Bayt al Faqih.
- Pavonia somalensis* Franch. (in Willdenowia 34: 159-182, 2004)
J. Al Arays (Abyen)
- Pavonia subaphylla* Schwartz. * (1) ??
Rare : Hadhramaut
- Pavonia triloba* Guill & Perr. (8)
Rare: Tihama foothills, Al Barh, Abyen.
- Senra incana* (Cav.) DC. (8) سراء
Taiz, Tihama, Aden, Lahj , Ssirwah, Marib-fardah road, Abyen, Adhale', Yafea, Hadhramaut, Soqotra.
- Sida acuta* Burm.f. (2)
Soqotra
- Sida alba* L. @
(syn. *S. spinosa* L.)
Western mountains, Taiz, Abyen, Shuqra.
- Sida cordata* (Burm.f.) Borss. Waalk. (ref. Thulin, M. et al 2001)
(syn. *S. humilis* Willd.)
Jadib-Damqaut al Mahara, Soqotra.
- Sida cordifolia* L. (8)
Introduced: al Mahara, J. Rayma, Soqotra.
- Sida rhombifolia* L. (8)
Rare: High altitude mountains e.g. Ibb, Hadiya, J. Rayma.
- Sida cordata* (Burm.f.)Borss. (2)
(syn. *S. humilis* Willd.).
Soqotra.
- Sida urens* L. (8)
(syn. *S. ovata* Forssk., *S. grewoides* Guill & Perr., *S. subrotunda* Hochst.).

Tihama, Al misrakh (Taiz), Aden, Hajjah , Manakha, eastern mountains,
Shaharah, Ibb, Al U'deyn, Rayda, W. Dhahr (NW of Sanaa), Soqotra.
Thespesia populnea (L.)Solander ex Correa. (1) تفاح عدن

Introduced: Cultivated as ornamental : Tihama, Taiz, Aden.

Wissadula rostrata (Schum.)Hook.f. (8)

(syn. *W. hernandioides* (L. Herit.)Garcke).

J. Milhan, J. Rayma, Wussab Assafel, W. Mour.

MARSILEACEAE

Marsilea aegyptiaca Willd. (8)

Tihama foothills, Radaa, W. Bana, Huth, Kawkaban, Sumara.

Marsilea coromandeliana Willd. (2)

Soqotra.

MELIACEAE

Azadirachta indica (L.) Jass. @ مريمرة

Introduced: Cultivated as ornamental.

Melia azedarach L. مريمرة

Introduced: Cultivated as ornamental.

Trichilia emetica Vahl. @ رفيع

(syn. *T. roka* (Forssk.) Chiov.).

Widespread: Tihama foothills, Western mountains, Al Hujeriya, Al U'deyn,
Mashwara, Dhisufal, Al Qafr, .

Turraea holstii Gurke. (8)

J. Milhan.

Turraea parvifolia Defl. @ قميشة، قوقن، صلية، خمري، بيبس، مترير

(syn. *T. somaliensis* Li & Chen, *T. lycioides* Baker)

Tiham foothills, Maqbanah, Hagdah, Taiz, Al U'deyn, Shabwa, Hadhramaut .

Turraea socotrana Styles & White. * @

Soqotra.

MELIANTHACEAE

Bersama abyssinica Fresen. (8)

J. Bura', J. Milhan.

MENISPERMACEAE

Cocculus balfourii Schweinf. ex Balf.f. ** (@ , 7) شمعص، ارسب، دحتو جرهن

Low altitude mauntains, Soqotra, Ras Fartak (al Mahara).

Cocculus hirsutus (L.)Diels. (7,8)

(syn. *Cebatha villosus* DC., *C. villosa* (Lam.)C.Christ).

Tihama & foothills, Hajjah .

Cocculus pendulus (J.R. & G.Forst.) Diels. (7,8)

(syn. *C. cebatha* DC., *C. laeba* DC.).

Tihama & foothills, Lahj, Shabwa, Soqotra.

Stephania abyssinica (Dillon & A.Rich.)Walp. (7,8)

J. Qaradh, J. Ayfua (Taiz), Al H'adiyyah, J. Milhan, J. Rayma.

Tinospora bakis (A.Rich.) Miers in Hook. (7)

Bayt al Faqih, al Manssuriyah (Tihama), Al-Mahra: Below Shahrut NW of
Damqaut and Ibb.

MIMOSACEAE

Acacia asak (Forssk.) Willd. @ عسق، ضهي

(syn. *A. glaucophylla* Steud.).

- Widespread on medium altitude mountains e.g. Taiz, Adhale', Abyen, Lahj ,
Yafea, Madint Ashsharq.
- Acacia auriculiformis A.Cum. @
Introduced cultivated at AREA experimental farm Ibb
- Acacia calcicola @
Introduced cultivated at AREA experimental farm Taiz, Ibb
- Acacia campoptila Schweinf. ** @ سمر، سويل، سنط
Marib, Radaa, Harib, Dhawran, Hadhramaut, Shabwa .
- Acacia cyanophylla Lindl. @ سنط
Introduced.
- Acacia cyclops A.Cimm. ex G. @
Introduced cultivated at AREA experimental farm Taiz, Ibb
- Acacia edgeworthii (T.)Anders. @ حُرررز
(syn. *A. erythraea* Chiov., *A. humifusa* Chiov., *A. sultani* Chiov.).
Aden, S. of Tihama, J. al Arays, Lahj, Soqotra.
- Acacia ehrenbergiana Hayne. @ سمر، سلام، سمر
Tihama & foothills, western mountains, Sa'dah, Marib, Radaa, Harib, Abyen,
Hadhramaut.
- Acacia etbaica Schweinf. @ (قراض، صاب(حوف)
subsp. etbaica.
Majz
subsp. uncinata Brenan
Widespread: Taiz, al Qa'idah, Madinat Ashsharq, Huth-Harf Sufyan, east al Hada,
Baedan, Lahj, Utuma, Wussab, N of Radaa, W. of Dhamar, Adhale', Huf al
Mahara, J. Gedu (Shabwa).
- Acacia farnesiana Willd. (3)
Introduced
- Acacia gerrardii Benth. @ طلح، سمر، سنط
(syn. *A. pachyceras* O.Schwartz, *A. iraquensis* Reu.).
NE of Taiz, Al Qa'eda, Assayani, Dhamar, Sanaa, Sumara, Radaa, Ibb, al Baydha,
Saada.
- Acacia hamulosa Benth. @ كداد، قتاد، قطف
S. of Tihama, E of Al Barh, Marib, Radaa, Tur.Aden, Lhji. al Jawf, Radaa,
Shabwa, Hadhramaut .
- Acacia harala Thulin & Gifri * حارالة (in Nor. J. Bot. 20(6): 691-696 (2000)
Abyen, J. Gedu: Shabwa
- Acacia hunteri Oliv. (1) سمر، ظبة، ظهية، ظهي
Lahj, Mozaa.
- Acacia johnwoodii Boulos ** @ ميال، طلح، سيال
(syn. *A. abyssinica* Hochst. ex Benth. var. *macroloba* Schweinf.)
J. Bura', J. Milhan, al Mishrafah (W. Rimaa), Maqbanah & Sharab (Taiz).
- Acacia laeta R.Br. @ سمر، طلح
Al Hujailah, Hagdah & Annashamah (Taiz), Aden, Radaa, al Mishrafa, Heys,
Ataq-Nissab (Shabwa), Arrayyan-Sayun and w of Bawazir (Hadhramaut).
- Acacia mahrana Thulin & Gifri * (in Nor. J. Bot. 20(6): 691-696 (2000)
Sayhut-Al Qishn (Al Mahara)
- Acacia mellifera (Vahl) Benth. @ ظبة، ضيبان، كداد، ظبين، كتر
Tihama foothills, Taiz, Lauder, Abyen, Aden, Shibam, Hadhramaut, Al Mahara
- Acacia nilotica (L.) Willd. ex. Del. سمر، عسدي، شبيهي، شبه
قراض، قراض، سمر، عسدي، شبيهي، شبه

- subsp. *indica* (Benth.) Brenan. @
(syn. *A. arabica* (Lam) Willd, *Mimosa sejal* Forssk.).
Taiz, Tihama, Aden, Lahj , Abyen, Lawder, Adhale', Soqotra .
subsp. *kraussiana* (Benth.) Brenan. @
Taiz, Aden, Radaa, Adhale', Damt, Utuma, Madinat Ashsharq.
- Acacia oerfota* (Forssk.) Schweinf. @ عرفط، لعوت
(syn. *A. nubica* Benth.).
Tihama, n of Taiz, Jiblah, Aden, Marib , Radaa, Bani salam (w. of Maaber),
Harib, Qa Bakil, Abyen, Lahj, Shibam, Hadhramaut, al Mahara.
- Acacia origena* Wood. @ طلع، كهلب، طلح أبيض
(syn. *A. negrii* Kong).
High altitude areas ,e.g. J. Saber and At Turba, Ibb, Dhamar, Sanaa, Haraz,
Shibam.
- Acacia pennivenia* Schweinf. * @ تمهر
Soqotra.
- Acacia salicina* Lindl @
Introduced: planted as ornamental
- Acacia sarcophylla* Chiov. @ حرر، حرحير
Soqotra, Abdul Kuri Island.
- Acacia senegal* (L.) Willd @ ثمر
Al Maraqisha (Abyen), Huf al Mahara
- Acacia seyal* Del. @ طلع، سيال، سمر
Taiz, Shuqra, w. of Tareem, Tihama foothills, Wussab, Rihab, Huth.
- Acacia stenophylla* A.Coun ex Benth. @
Introduced: Cultivated: Aden
- Acacia tortilis* (Forssk.) Hayne subsp. *tortilis* @ حراز، سمر
Tihama, Tihama foothills, Hagda, Warazan & Bani Shayba (Taiz), Aden, Abyen,
Lahj, Hadhramaut, al Mahara .
- Acacia yemenensis* Bolous. * @ عبال، حباله، قرضراض، يهسل، حراز، يهسل، حباله، عبال
(syn. *Acacia hockii* Del Willd.)
Subsp. yemenensis
J. Saber, Al Janadyah, Al Hujariyah and Tha'bat (Taiz), N of Al Qai'da, J.
Sumara, Ibb, Dhisufal, Assayani, Jiblah, J. Jihaf, Adhale',
Subsp. obtusifoliolata Boulos
J. An Nasira (Hajjah), Huth, Kuhlan, Shaharah, N of Raydah,
- Albizia lebbeck* (L.) Benth. @ ليخ، ذقن الشبية
Introduced: planted as ornamental.
- Dichrostachys cinerea* (L.) Wight & Arn جنزير، جزير، كشكش، حوجم، عطر
(syn. *D. nutans* Benth., *Dichrostachys glomerata* (Forssk.) Hutch.).
Tihama foothills, Western Low & Medium altitude mountains, Al Mahara, ,
- Dichrostachys dehiscens* Balf.f. * @ جنزير
Soqotra
- Faidherbia albida* (Delile) A.Chev. عول
(syn. *Acacia albida* Del.)
Rare: W of Dhamar, Qaa Shirah.
- Leucaena leucocephala* (Lam.) Dewit. @ ليوسينا
Introduced: planted as wind break, near houses and fields
- Pithecellobium dulce* (Roxb.) Benth. @ ديمان
Introduced: road sides, near houses and fields e.g. Taiz, Aden, Lahj , Abyen.

- Prosopis cineraria* (L.) Druce. (1) سيسبان، قاف،
(syn. *P. spicigera* L., *P. spicata* Burm.)
Khor Makser, Bir Ahmed (Aden), Hadhramaut .
- Prosopis farcta* (Banks. & Sol.)Mc Bride. (1) نويعمة، سيسبان
(syn. *P. stephaniana* (Willd.)Spreng.).
Hadhramaut
- Prosopis juliflora* (S.W.) DC. مسكيت، سيسبان @
Introduced: planted as wind break and fence.g. Tihama, Aden, al Mukalla, Lahj,
Shabwa, Soqotra.
- Prosopis tamarugo* F.Phill. @
Introduced: AREA experimental farm, Taiz.
- MORACEAE**
- Antiaris toxicaria* Lescheu. @ طميق، خلع
(syn. *A. challa* (schweinf.)Engl., *Ficus challa* Schweinf.)
subsp. *toxicaria* var. *africana* A.Chev.
Rare: J. Bura', Haraz, H'adiyyah.
- Dorstenia barnimiana* Schweinf. @
(syn. *D. barnimiana* Schweinf. var. *ophioglossoides*)
Shara'b & At Turbah (Taiz), Rihab, Al Qae'da, Assayani, Al U'deyn, Al Manar
(Dhamar), Jiblah, Ibb – Al U'deyn road..
- Dorstenia foetida* (Forssk.) Schweinf. & Engl. @ (8) كسار، فالقة الجوس
(syn. *D. radiata* Lam., *Kosaria foetida* Forssk.)
var. *foetida*
(syn. *D. arabica* Hem.).
Tihama, Taiz, Shara'b, Al U'deyn, Lawdar (Abyen), J. Gedu (Shabwa), Qa'tabah.
var. *obovata* (A.Rich.)Schweinf. & Endl.
NW Dhamar.
- Dorstenia gigas* Schweinf. ex Balf.f. * @ كرتب
Soqotra.
- Dorstenia socotrana* A.G.Miller. * @ كرتب
Soqotra.
- Ficus carica* L. @ بلس، تين
Cultivated near houses and on fields (Sanaa, Taiz, Marib, Sa'dah, Dhamar, Lahj).
- Ficus cordata* L. subsp. *salicifolia* (Vahl) Berg. @ اثناب، اثناب، اثناب
(syn. *F. ambigum* Forssk., *F. salicifolia* (vahl)Berg.)
Tihama foothills, Tihama plain, Taiz, Ibb, Hadhramaut , Lawder, Shabwa, Hajjah,
al Mahara, Soqotra.
- Ficus exasperata* Vahl. (7) حشرف
(syn. *F. serrata* Forssk.).
Assukhna, Al U'deyn, J. Milhan.
- Ficus glumosa* Del. (8) مداح، ظلف، ذلف، بدع، برع
(syn. *F. glumosa* Del. Var. *glaberrima* Martell.)
Bani Umar (Taiz), J. Bura', Dhisufal, al Mahwit, J. Milhan.
- Ficus ingens* (Mig.) Mig. @ تين، ظرف، ظروف، ظلف، قسطم، بداح
(syn. *F. lutea* Vahl., *F. ingentoides* Hutch. (8)).
Ases (S Taiz), J. Bura', Maqbanah, Jiblah, al Gabalayn (Al U'deyn), Huf,
Hadhramaut, J. Al Arays (Abyen).
- Ficus nitida* @
Introduced as ornamental.

Ficus palmata Forssk. subsp. *palmate* @ بلس بري، علس، تين بري
(*syn. F. morifolia* Forssk.)

Taiz, Madinat Ashsharq, Dhisufal, Ibb, J. Sumara, Yerim, Dhamar, Shibam,
Adhale'..Hadhramaut.

Ficus populifolia Vahl. @ مداح

Taiz, J. Bura', J. Milhan, Al Azareq, Lahj, Huf.

Ficus sur Forssk. @ سار، سر، سوري، خنسر

(*syn. F. capensis* Thunb., *sycomorus sur* (Forssk.)Miq.).

J. Saber, W of Jibla, Wadi Bana, Sumara, Baedan.

Ficus sycomorus L. @ خنس، سقم، ايره، غيطيط، خمع

(*syn. F. chanas* Forssk.)

Taiz, Adhale', Ibb, Lahj, Dhawran, Hajjah, J. Al Arayes, Abyen, Huf, al Mahara.

Ficus vasta Forssk. @ خصال، طولق، نالوق، طالوق، طيق

Taiz, Manakha, Lauder, Hajjah, Jabel Bura', Adhale', Abyen, Huf al Mahara,
Soqotra

Morus nigra L. @ توت

Cultivated. J. Saber, Sanaa.

MORINGACEAE

Moringa oleifera Lam. (7) حديقة

(*syn. M. pterygosperma* Gaertn.).

Introduced: Cultivated in Tihama plain and foothills, Aden, Surdud, W. Rusyan.

Moringa peregrina (Forssk.)fiori. @ بان

(*syn. Hyperanthera peregrina* Forssk., *M. aptera* Gaertn., *M. arabica* Pers.).

Taiz, Bayt al Faqih, Aden, Harib, Lahj, Dunaf Island (Aden), Shabwa: J.Gedu,
wadi Dharwa, and wadi Ahmadh, Hadhramaut .

MUSACEAE

Musa paradisiaca L. subsp. *sapientum* (L.)O. Ktze. @ موز

Cultivated: Tihama foothills, medium altitude.

MYRICACEAE

Myrica humilis Cham. & Schle. @ ثوام

(*syn. M. salicifolia* Hochst. ex A. Rich.).

J. Saber, J. Habashi & al Akahila (Taiz), W of Dhisufal, W. Bana & Ba'adan
(Ibb), Al Ahjor, Al Hayma al Kharijiyah.

MYRSINACEAE

Maesa lanceolata Forssk. @ معص، معس، عرار

Taiz, Dhisufal, W. Bana, J. Bura', Al U'deyn, Dhisufal, Bae'dan, J. Milhan,
Haraz, Manakha, Damt, al Ahjur.

Myrsine africana L. @ قتم، ثوام، شوحط، كتم، كتن

High mountain areas: J. Habashi, J. Saber, J. Bura', Samee', J. Razeh, Dhamar,
Shibam, J. Ta'aker, Ba'adan, Amran-Kuhlan road, Soqotra.

MYRTACEAE

Eucalyptus camaldulensis Dehnh. @ كافور

Introduced; street, near houses & fields.

Eucalyptus globulus Labill. @ كافور

Introduced; streets

Eucalyptus gomphocephala A.DC. @

Introduced; cultivated at AREA experimental farm, Taiz .

Eucalyptus grandis Hill ex Maiden @

Introduced; cultivated at AREA experimental farm, Taiz & Ibb.

Eucalyptus marginata Sm. @

Introduced; Sanaa.

Eucalyptus microthera F.Muell. @

Introduced; cultivated at AREA experimental farm, Taiz & Ibb.

Eucalyptus occidentalis Endl. @

Introduced: street, near houses & fields.

Eucalyptus tereticornis Sm. @

Introduced: cultivated at AREA experimental farm, Taiz & Ibb.

Eucalyptus torquata Luehm. @

Introduced: street, near houses & fields.

Myrtus communis L. @ هُدس، آس، مرسين

J. Saber, Qadas and Al Ahkum (Taiz), Bura', Yafee, J. Raymah, Haraz, Ukaybir (J. Milhan), Sanaa, Sa'dah.

Psidium guajava L. @ جوافة، زيتون

Cultivated.

Syzygium guineense (Willd.) DC. subsp. *Guineense* عصم، عضلم

Al Hujeriya, W of Dhisufal, Al Ahjur, Al U'deyn.

NAJADACEAE

Najas graminea Del. (8)

Rare : Al H'adiyyah, Soqotra

Najas marina L. (2)

Soqotra

NEURADACEAE

Neurada procumbens L. (7)

Southern coastal areas, Shabwa.

NYCTAGINACEAE

Boerhavia diffusa L. @ سطاح، مداد، هُدس (سقطرى)

(*syn. B. ascendens* Willd., *B. repens* L. var. *diffusa* L., *B. coccinea* Mill., *B. diffusa* var. *viscosa* (Lag. & Rod) Heim. *Commicarpus coccinea* Mill. Lahj.).

Tihama, Taiz, Aden, Raymah, Sanaa, Lahj, Soqotra.

Boerhavia elegans Choisy.

subsp. *adenensis* Miller. * (3)

Aden.

subsp. *elegans*. ** (7) حيدوان

Around Aden, Lahj, Hadhramaut, Shabwa.

subsp. *stenophylla* (Boiss.) Miller سطاح، مداد.

(*syn. B. elegans* var. *stenophylla* Boiss)

J. Bura', Southern low altitude areas.

Boerhavia repens L. @ سطاح، مداد، رقمة

(*syn. B. diandra* L., *B. repens* L. var. *glabra* Choisy)

Taiz, Tihama & foothills, s of Zabid, Sanaa plain, Lahj, al Qaeeda.

Bougainvillea spectabilis Willd. جهنمية

Introduced: Cultivated as ornamental

Commicarpus adenensis Miller. * (7)

Aden.

Commicarpus ambiguus Meikle. (in Kew Bull. 38(3): 482(1982)

N of Sanaa, Saada, al Baydha.

Commicarpus arabicus Meikle. * (7,8)

(*syn. Boerhavia plumbaginea* Cav. var. *forskalei* Schweinf.).

- At Turbah (Taiz), Saqayn, Dhamar, Haraz, Manakha.
Commicarpus boissieri (Heimerl)Cuf. @ رفر، عي طفت، عيطفت
(*syn. Boerhavia boissieri* Heimerl).
Dhamar, al Mahara, Abdul Kuri , Samha.
- Commicarpus grandiflorus* (A.Rich.)Standl. @ صدح، مكتنية
(*syn. Boerhavia grandiflora* A.Rich., *B. plumbaginea* Cav. var. *grandiflora* (A.Rich.)Schweinf.).
Taiz, Dhisufal, Sanaa, Kuhlan Affar, Damt.
- Commicarpus heimerlii* (Vierh.) Meike. * @ عي طفت، عيطفت
(*syn. Boerhavia heimerlii*).
Soqotra
- Commicarpus helenae* (J.A.Scholtes)Meikle. @
(*syn. Boerhavia helenae* Schultes, *Commicarpus stellatus* (Wight)Berhaut).
Taiz, Tihama foothills, Sa'dah, Radaa, Lahj , Abyen, Soqotra, Abdul Kuri .
- Commicarpus mistus* Thulin. (7,8)
(*syn. Boerhavia. squarrosas* (Heimerl.)Stand., *Commicarpus squarrosus* (Heimer) standl .).
Bani Umar (Taiz), al Baydha, Qaatabah, Damt, Hadhramaut .
- Commicarpus pedunculatus* (A.Rich.)Cuf. (7,8) رفر
(*syn. Boerhavia pedunculosa* A.Rich.).
Dhamar, Sanaa plain, Lahj, Abyen, Qaa Bakil, Shibam.
- Commicarpus plumbagineus* (Cav.)Standl. @ رفر، غرمل، حريدة حضاري، رهب
(*syn. Boerhavia dichotoma* Vahl. *B. plumbaginea* Cav. *B. plumbaginea* Cav. var. *dichotoma* (Vahl)Aschers. & Schweinf., *B. plumbaginea* Cav. var. *glabrata* Boiss., *C. verticillatus* (Poiret)Stand.).
Widespread: Taiz, Tihama foothills, Western mountains, Adhale', Haddah, Ibb, W. Dhahr, Dhamar.
- Commicarpus reniformis* (Choiv.)Cuf. (7)
N. of al Mukallah.
- Commicarpus simonyi* (Heim. & Vierh.) Meik. * @ عي طفت، عيطف
(*syn. Boerhavia plumbaginea* var. *socotrana* Heimert., *B. simonyi* Heimert & Vierh.).
Soqotra, Samha.
- Commicarpus sinuatus* Meikle. (7,8) رُقم
(*syn. Boerhavia plumbaginea* var. *viscosa* Boiss.).
Taiz, Ibb, Madinat Ashsharq, Khawlan Ashsham, Yasleh, Wadi Dhahr, Hadhramaut
- Commicarpus stenocarpus* (Chiov.)Cuf. ** (1)
(*syn. Boerhavia stenocarpa* Chiov.)
Hadhramaut .
- Mirabilis jalapa* L. @ ورد الليل
S of Taiz, Assayani, Ibb, J. Sumara, AlQae'ida, Dhisufal, Annajd Al Ahmer, Jibla, Mutheikhira, Al U'deyn, J. Bura', J. Raymah.
- Pisonia aculeata* L. (7,8)
Al U'deyn, Rayma, Haraz.
- NYMPHAEACEAE**
- Nymphaea nouchali* Burm.f. var. *caerulea* (Savigny) Verdc. (7)
Rare: Above Aduf near At Turbah (Taiz).

OCHNACEAE

- Ochna inermis* (Forssk.) Schweinf. @ حنة الضبع، حزنبل، شنصر ، بنة، بنات @
(syn. *Euonymus inermis* Forssk., *O. parvifolia* Vahl)
Hays, Al Hujariyah, Hagdah & Sharaab (Taiz), Tihama foothills, Al U'deyn,
Madinat Ashsharq, Haraz.

OLEACEAE

Jasminum fluminense Vell.

subsp. *grantissimum* (deflers)p.S.Green. @ ياسمين

(syn. *J. gratissimum* Deflers, *J. mauritanum* Boj.).

Tihama & foothills, Taiz, Al U'deyn.

subsp. *socotranum* P.S.Green * @ رتبه

(syn. *J. rotundifolium* Balf.f.).

Firmihin & Ma'alah plateau (Soqotra).

Jasminum grandiflorum L. subsp. *floribundum* (R.Br. ex Fres.)P.S.green @ ياسمين، قين

(syn. *J. floribundum* R.Br. ex Fres).

Tihama foothills, Taiz, western mountains, J. Sumara, Baa'dan, Ibb, J. Taa'ker,
Mashwara, Dhisufal, W of Jibla, Yarim, Shibam, Dhamar, Assayani, Al U'deyn,
Yafea, Abyen, Huf (Al Mahara).

Jasminum officinale L. (ref. Podlech, D. 1982)

Tihama foothills, N of Dhamar, Yesleh, NE Raydah, E of Manakha.

Jasminum sambac (L.)Ait. @ فل

Cultivated: Taiz, Tihama, Aden.

Olea capensis subsp. *macrocarpa* (C. H. Wright) I. Verd. (in Englera 28: 57-77, 2006)

(syn. *O. hochstetteri* Baker, *O. capensis* subsp. *hochstetteri* (Baker) Friis & P. S.
Green]

Hagher mountain (Soqotra)

Olea europaea L. @

subsp. *cuspidata* (Wall. ex G.Don) Cifferi. عتم، ماطن، يلق، زيتون بري

(syn. *O. africana* Mill, *O. chrysophylla* Lam.).

Taiz, J. Bura', Al U'deyn, Utuma, J. Sumra, Ba'adan, Mutheikhira, Shabwa,
Hajjah, J. Al Araes, J. Milhan, Hadhramaut, J. Fartak (Al Mahara), Abyan: Jabal
Arays, J. Gedu (Shabwa).

subsp. *europaea* . @ زيتون منزرع

Cultivated in Dhamar, Sanaa.

OLEANDRACEAE

Arthropteris orientalis (J.F.Gmelin)Posthu. (7)

J. Saber, J. Milhan, J. Bura', J. Raymah, Hagher (Soqotra).

Nephrolepis undulata (Afel. ex Sw.) J.Sm. (@ , 7)

Soqotra.

ONAGRACEAE

Epilobium hirsutum L. (8)

Jiblah, ibb, Kusuma, J. Annabi Shua'ib, Manakha, Attawilah, Mashwarah,
Mutheikhira.

Ludwigia octovalvis (Jacq.) Raven.

subsp. *brevisepala* (Brenan)Raven. (8)

Hillah, J. Bura'.

Ludwigia palustris Ell. (2)

Soqotra.

OPHIOGLOSSACEAE

- Ophioglossum gomezianum Welw. ex A. Braun (in Willdenowia 34: 159-182, 200)
Al-Mahra: N Fartak Mts, Jabel Karmoum, southwestern flank,
Ophioglossum polyphyllum A.Br. (7) (in Willdenowia 32: 239-269, 2002)
Shibam, J. Hubaysh, Radaa, Nihim, Soqotra, Hadhramaut, Huf (Al Mahara).
Ophioglossum reticulatum L. (7)
High land areas, Soqotra.

ORCHIDACEAE

- Angraecum dives Rolfe. @
(syn. *Angraecopsis tenerrima* Kraenzl.)
Above Dahro (Soqotra).
Bonatea steudneri (Reichb.f.)Dur. & Schine. (8)
(syn. *Habenaria arabica* (Defl.)Krach., *H. steudneri* Rchb.f., *Bicornella arabica*
Defl., *Bonatea arabica* (Fefl.)Summerh).
J. Habashi, Ibb, SW Dhulaa, Manakha, Shibam.
Disa pulchella Hochst. ex A.Reichb. (8)
Rare: Jiblah, J. Ta'aker: Ibb, Raymah.
Epipactis veratrifolia Boiss. (8)
(syn. *E. abyssinica* Pax, *E. consimilis* Wall. Ex Hook.f., *E. somaliensis* Rolfe)
Highlands e.g. At Turbah, Ibb, Dhisufal, Ibb, al Ahjur, SW of Shibam, E of
Raymah, J. Annabi Shua'ib, Mayfah-Habban road (Shabwa).
Eulophia clavicornis Lindl. var. nutans (Sond.) Hall. (8)
(syn. *E. nutans* Sond)
Rare: above Al H'adiyyah.
Eulophia petersii (Reichb.f.) Reichb.f. @
(syn. *E. coleae* Rolfe, *E. baginsensis* Rchb., *E. philipsiae* Rolfe, *E. schimperiana*
A.Rich., *Galeandra petersii* Rchb, *Orchis viridis* Forssk.,).
Tihama foothills, Taiz, al Qa'idah-Dhisufal road, Assayani, Lawder, J. al Araes,
Damt, Soqotra.
Eulophia guineensis Lindl. var. purpurata Ricb.f. ex Kotschy (8)
(syn. *E. quartiniana* A.Rich., *Galeandra quartiniana* (A.Rich.)Rchb.f.)
Rare: Al U'deyn, Huf (Al Mahara).
Eulophia streptopetala Lindl var. rueppelii (Rchb.f.)Cribb. (8)
(syn. *E. arabica* Lindl. *E. ruppelii* (Rchb.f.) Summerh, *Lissochilus ruppelii* Rchb.,
L. erythraeae Rolfe.)
J. Bura', Hilyal (Sumarah), J. Hubaysh, Kusuma, Al H'adiyyah, Sumara, Bayt al
Faqih, Milhan, J. Raymah.
Habenaria antennifera A.Rich. (8)
(syn. *H. leptobrachiata* Ridl, *H. pantothrix* Kraenzl., *H. simense* Rchb.)
Jiblah, J. Ta'aker, Bani Saed (al Jaafariyyah), Ibb.
Habenaria distantiflora A. Rich. (in Flora of Ethiopia & Eritrea, vol. 6, p. 208, 1997)
(syn. *H. attenuata* Hook.f., *H. variabilis* Ridl)
Ba'adan : Ibb.
Habenaria cultrata A.Rich. (8)
(syn. *H. ridleyana* Kraenzl.)
Ibb-Sanaa road, Ba'adan.
Habenaria cultriformis Kraenzl. ex Engl. (8)
(syn. *H. incompta* Kraenzl.)
J. Hisn Dafdaf nea Al U'deyn.
Habenaria keayi Summerh. (in Willdenowia 32: 239-269, 2002)

- Above Kadifut (Al Mahara).
Habenaria lefebureana (A.Rich.) Dur. & Schin. @
(*syn. Peristylus lefebureanus* A.Rich)
J. Saber, Jiblah, Ba'adan, J. Ta'aker, Wussab al Ali, Al H'adiyyah, Kusumah.
- Habenaria macrantha* A.Rich. (8)
Ibb-al Mashwera, J. Ta'aker, His'n Hab (Ba'adan), W of Sanaa, Manakha,
Sumara, Maswara pass, Shibam, Haraz, J. Ashmur.
- Habenaria malacophylla* Rchb.f. (in Willdenowia 32: 239-269, 2002)
Huf (Al Mahara)
- Habenaria myodes* Summerh. (in Willdenowia 32: 239-269, 2002)
Above Kadifut (Al Mahara).
- Habenaria peristyloides* A.Rich. (8)
(*syn. H. combusta* Ridl., *H. cardiochila* Kraenzl.)
Rare: His'n Hab (Ba'dan), His'n Madnan (Wussab al Ali)
- Habenaria schimperiana* Hochst. ex A.Rich. (8)
J. Nuaman and J. Ta'aker near Ibb, Al H'adiyyah.
- Habenaria socotrana* Balf.f. @
Firmihin (Soqotra).
- Holothrix aphylla* (Forssk.)Rchb.f. (8)
(*syn. Deroemeria acuminata* Rendle & Schltr., *Habenaria aphylla* (Forssk.)R.Br.,
Orchis aphylla Forssk., *Platanthera aphylla* (Forssk.)Lindl.)
Rare: Kusumah, Wussab, Ba'adan, Ibb, J. Maswer, N of Sanaa.
- Holothrix arachnoidea* (A.Rich.)Rchb.f. (8)
(*syn. Peristylus arachnoideus* A.Rich., *H. richardii* Rolfe, *H. vatkeana* Reichb.f.).
J. Saber, Ibb, J. Shibam (Haraz), al Mahwit, Manakha, al Muhwit.
- Holothrix socotrana* Rolfe * (2)
Soqotra.
- Nervilia bicarinata* (Blume) Schltr. (in Willdenowia 32: 239-269, 2002)
(*syn. Nervilia umbrosa* (Rchb.f.) Schltr. *Pogonia renschiana* Rchb.f., *P. umbrosa*
Rchb.f.)
Rare: Ibb, Wadi Addur: Al U'deyn, Above Kadifut (Al Mahara).
- Satyrium brachypetalum* A.Rich. (8)
Rare: Highlands e.g. Jiblah, J. Ta'aker, Ba'adan, J. Hubaysh, J. Raymah.
- OROBANCHACEAE**
- Cistanche phelypaea* (L.)Cout. @ فج الأرض
(*syn. C. lutea* (Desf.)Hoffm. & Link *C. tubulosa* (Schenk.) R.Wight).
Tiham foothills, Taiz, al Qaaedah, Dhisufal, Dhamar, Adhale', Rusabah, Sanaa,
Soqotra.
- Cistanche rosea* E.G.Baker. @
Hithran (w. of Taiz), Hadhramaut.
- Orobanche cernua* Loefl. (@, 8)
Rare: Taiz, Manakha, Qa Bakil, Sanaa, Lawdar (Abyen), Soqotra.
- Orobanche minor* Sm. (8)
(*syn. O. abyssinica* Ach.).
Shibam, Soqotra.
- Orobanche radicata* A.Rich.
Highlands.
- Orobanche ramosa* L.
(*syn. O. mutellii* F.W. Schultz).

subsp. *mutellii* (F.W.Schultz)Couti. (8)

Taiz, Jiblah, Soqotra.

subsp. *ramosa*. (8)

Highlands, Jiblah.

OXALIDACEAE

Oxalis corniculata L. @ حمض، حميض، زاوية

Taiz, Sanaa, Lab us (Yafea). Assayani, Ibb, Al U'deyn, Mashwara, Jibla, Dhisufal, Al Maghariba, Yarim-Al Makhader road, Ba'dan, Kitab.

Oxalis latifolia Kunth @

Introduced: Muthaikhira, new record

Oxalis radicata A.Rich. (8)

High plateau, Al Mahara: Hawf Mts, near the village Kon.

PANDANACEAE

Pandanus odoriferus (Forssk.)Chiov. @ كاذي

(*syn. P. odoratissimus* L., *P. tectorius* Sol.).

Tiama & foothills, westren and southern low mountains.

PAPAVERACEAE

Argemone mexicana L. @ بارود، سنافة، سنيف

Taiz, Ibb, Dhamar, Adhale' a, Mawaa, Muzaa, Damt, Soqotra.

Argemone ochroleuca Sweet. @

Dhamar, Ibb-Al U'deyn, Yerim.

Papaver dubium L.

subsp. *laevigatum* (M.Bieb)Kader. (8)

Rare: J. Sumara, J. Milhan, Kawkaban, W. Addur, W. Dhahr.

Papaver somniferum L. var. *album*. @ خشخاش

Cultivated in Ibb, Dhi sufal.

PARKERIACEAE

Ceratopteris cornuta (P. Beauv.) Le Prieur (7)

(*syn. C. thalictroides* Brongn.)

Tihama, western mountains, Wussab Assafel, Hajjah ila, Soqotra, Al Mahara.

PASSIFLORACEAE

Adenia venenata Forssk. @ جبكان، عنقب، جراز، حبكن، زمرطان

Taiz, Ibb, Dhamar, Hajjah, Adhale', J. Al Arays & Wadi Asurie (Abyen), J. Gedu, Habarun & Wadi Tawila (Shabwa).

Basananthe berberoides (Chiov.)W.j.de Wilde. (ref. Thulin, M. et al. (in pross.)

North Al Mukalla and near ArRayan airport(Hadhramaut), Sayhut-Qishin road (Al Mahara).

PEDALIACEAE

Sesamum indicum L. @ جلجل، سمسم

Cultivated. Tihama & foothills, medium alti. Mountains, Hadhramaut .

Padalium murex. L. (7)

Tihama & foothills, Soqotra.

PIPERACEAE

Piper betle L. (3) تنبول

Cultivated: Hadhramaut .

Peperomia abyssinica Miq. (7)

Hilyal (Sumara).

Peperomia blanda (Jacq.) Kunth

(*syn. P. arabica* Decne ex Miq.).

subsp. leptostachya (Hook. & Arn) Dull. (7)

J. Habashi, W. Addur (Al U'deyn), J. Milhan, Al Mahabisha, Soqotra.

Peperomia pellucida (L.) Kunth. (8)

Al U'deyn market, Huf (Al Mahara).

Peperomia tetraphylla (J. Forster) Hook. f. & Arn. (7)

(syn. *P. reflexa* (L. f.) A. Dietr.).

Soqotra.

PITTOSPORACEAE

Pittosporum viridiflorum Sims. subsp. arabicum Cuf. * (7,8)

(syn. *P. viridifolium subsp. arabicum Cufod.*).

Sa'dah, between Attarah and Hajarah (Haraz), between Saddah and Ribat (S of Yerim), Mahjar (Wadi Ahjar), Around As Sabah and Al Markah (J. Milhan), S of Rihab (N of Ibb), al Mahwit, J. Milhan, Soqotra.

PLANTAGINACEAE

Plantago afra L. (8)

Rare : near Maghrabah (J. Bura').

Plantago albicans L. (8)

(syn. *P. boissieri Hausskn. & Bornm.*).

Rare: Yerim, Amran, J. Allowz.

Plantago amplexicaulis Car. (8)

Sanaa, Soqotra.

Plantago cylindrica Forssk. (ref. Podlech, M. (1982) ?

N. of Amran, al Boun.

Plantago lanceolata L. J. @ وذانة، أذان المعزة

J. Saber, Ibb, Dhamar, Sanaa, Manakha, Hajjah, Yafea, Lawdar.

Plantago major L. @ وذنة، وذانة

Taiz, Ibb, Dhamar, Sanaa, Yafea, Amran, Mukairas.

Plantago ovata Forssk. @ بيانة

Dhamar, Dhawran, Huth, Khawlan Ashsham, J. Allowz, Soqotra.

PLUMBAGINACEAE

Dyerophytum indicum (Gibs. & Wight) Kuntze. @ ملحاح، مالح

Huf al Mahara

Dyerophytum pendulum (Balf. f.) O. Kuntze * (2)

(syn. *Vogelia pendula Balf. f.*).

Soqotra.

Dyerophytum socotranum J.R. Edmond. * (2)

(syn. *Vogella indica var. socotrana Balf. f.*).

Soqotra.

Limoniastrum arabicum J. Edmondson * @

Sayun-al Mukalla road (Hadhramaut).

Limoniastrum rechingeri J.R. EDMONDSON, sp.n. (in *Annalen des Naturhistorischen Museums in Wien 98 B Supplement, 1996*)

E of Al Mukalla (Hadhramaut),

Limonium axillare (Forssk.) Kuntz. (8)

(syn. *Statice axillari Forssk.*).

Coastal areas, Aden, Abyen, Ibb, Kawkaban, Ras Fartak (al Mahara).

Limonium cylindrifolium (Forssk.) Verdc @

(syn. *Statice cylindrifolia Forssk.*).

Coastal areas, above Qashin and near Al Mukalla. (Hadhramaut).

- Limonium paulayanum* (Vierh.) J.R.Edm. * (2) @ ضبيية، حاطب
(syn. *L. Kossmatii* Wagner & Vierh., *Statice kossmatii* Wagner & Vierh., *S. paulayana* Vierh.)
Soqotra, Abdul Kuri , Samha.
- Limonium sokotranum* (Vierh.) Radci.-Sm. * (2)
(syn. *Statice socotrana* Vierh.)
Soqotra, Abdul Kuri , Samha.
- Limonium teretifolia* (Baker ex Oliv.) Cufod. (3) (Doubtful record ??)
(syn. *Statice teretifolia* Baker ex Oliv.).
- Plumbago auricolata* Lam. @
(syn. *P. capensis* Thunb.).
Introduced: Cultivated as ornamental in Sanaa, Taiz, Ibb.
- Plumbago zeylanica* L. (8)
Taiz, Dhisufal, Jiblah, Shahara, Hadhtamaut.
- POACEAE (GRAMINEA)**
- Acrachne racemosa* (Heyne ex Roemer & Schultes) Ohwi. (9)
(syn. *Eleusine verticillata* Roxb.).
Tihama foothills, Raymah, Bura', Milhan, Haraz, Soqotra.
- Aeluropus lagopoides* (L.) Trin. ex Thwaites @ كرشح، نجيل بلدي، كوشب، مليح،
(syn. *A. repens* (Desf.) Parl., *A. brevifolius* (Koenig ex Willd.) Nees ex Steud., *A. lagpoides* var. *mesopotamicus* (nabelek) Bor, *A. massauensis* (Fresen) Mattei, *A. villosus* Trin. ex C.A. Mey.).
Coastal areas, Radaa, Adhale', Aden, Hadhramaut , Soqotra.
- Agrostis lachnantha* Nees. (9)
Rare: Ba'adan, Sumara, Shibam.
- Andropogon amethystinus* Steud. (9)
Western mountains, J. Saber, Ibb, J. Maswer.
- Andropogon bentii* Stapf. * (2)
Soqotra.
- Andropogon chinensis* (Nees)Merr (9)
J. Milhan.
- Andropogon crossotus* Cope. @ حشيش أحمر
Dhamar, Sanaa, al Mahwit, Huth, Russabah, Radaa.
- Andropogon distachyos* L. @ هشمة
(syn. *Pollinia distachya* (L.) Spreng.)
Taiz, Jiblah, Sumara.
- Andropogon fastigiatus* Sw. (9)
(syn. *Diectomis fastigiata* (Sw.)P.Beauv.).
Al U'deyn.
- Andropogon greenwayi* Napper. @ ثيل
Ibb, Yeslih, Dhamar, J. Razeh, Khamer.
- Anthephora nigritana* Stapf & C.E. Hubb. (9)
Highlands e.g. Rujum-Attawilah.
- Anthephora pubescens* Nees (8) ?
(syn. *A. hochstetteri* Nees ex Hochst.).
S. of Sanaa.
- Apluda mutica* L. (9)
(syn. *A. aristata* L., *A. varia* subsp. *aristata* (L.) Hack.).
Huf al Mahara, Soqotra.

Aristida abnormis Chiov. (9) ذنب الفأر
Shabwa

Aristida adscensionis L. شعارة @

(syn. *A. caerulescens* Desf., *A. paniculata* Forssk., *A. pumila* Decne., *A. ehrenbergii* Trin. & Rupr., *A. adscensionis* var. *pumila* (Decne.) Coss. & Durieu, *A. adscensionis* var. *aethiopica* (Trin. & Rupr.) T.Durand & Schinz, *A. adscensionis* var. *typica* Stapf, *A. adscensionis* var. *ehrenbergii* (Trin. & Rupr.) Henrard, *A. adscensionis* var. *festucoides* (Poir.) Henrard, *A. adscensionis* var. *typica* subvar. *Abyssinica* (Trin. & Rupr.) henrard, *Aristida caerulescens* var. *arabica* Henrard, *A. caerulescens* var. *breviaristata* Schweinf., *Aristida caerulescens* var. *exilis* Schweinf. Ex Blatter).

Widespread: Taiz, Ibb, Dhamar, Sanaa, Qa Bakil, Lahj , Abyen, Soqotra, Hadhramaut, Al Mahara.

Aristida anaclasta Cope. * (9)
Soqotra

Aristida congesta Roem. & Schult. @

(syn. *A. elytriphoroides* Chiov.).

Dhamar, Maaber, Radaa, Arhab, Qa Bakil.

Aristida ferrilateris S.M.Philips . (9)

(syn. *Aristida adoensis* auct.).

Widespread in highlands.

Aristida funiculata Trin. & Rupr. (9)

Rare: Haradh, Soqotra.

Aristida migiurtina Chiov. (9)

(syn. *Aristida stenophylla* auct.)

Rare: J. Annabi Shua'ib, Al Mahara, Aden, Hadhramaut.

Aristida mutabilis Trin. & Rupr. خليس (9)

(syn. *A. cassanellii* Terra., *A. meccana* Trin & Rupr. *A. mutabilis* var. *aequilonga* Trin. & Rupr., *A. mutabilis* var. *meccana* (Hochst. Ex Trin & Rupr.) Fenzl, *A. schweinfurthi* var. *boissieri* Schweinf.,)

Coastal areas, S. of Zabid, Wadi Rimaa, Lahj , Adhale' .

Aristida pennei Chiov. (9)

(syn. *A. yemensis* Henrard.).

Highlands: Dhamar, Bani Matar, J. Allawz.

Aristida sieberiana Trin.

(syn. *A. Pallida* Steud.)

Aristida tricornis H. Scholz & P. Konig (9)

High altitude area

Aristida triticoides Henrard. (1,9) شبيبة

Abyen, Hadhramaut.

Arthraxon lancifolius (Trin.) Hochst. (9)

(syn. *A. molle* (Nees) Benth., *A. lancifolius* var. *eremophilus* Bor)

Taiz, western mountains, Soqotra.

Arthraxon micans (Nees) Hochst. (9)

(syn. *A. quartinianus* (A. Rich.) Nash).

Rare: At Turbah, Ba'adan, Soqotra.

Arthraxon prionodes (Steud.) Dandy. @

(syn. *A. lanceolatus* (Roxb.) Dandy).

Widespread: Tihama foothills, J. Saber, W of Amran.

- Arundo donax* L. (9) قصب، جرع
Tihama foothills, western mountains.
- Avena abyssinica* Hochst. ex A.Rich. @
(syn. *A. sativa* L.var. *abyssinica* (Aa.Rich.)Engl.)
Highlands: J. Saber, al Ahkum(Taiz), Ba'adan, Sanaa, Yerim, Manakha.
- Avena barbata* Pott ex Link
subsp. *barbata*. (9)
J. Ta'aker ?
- Avena fatua* L. @
Dhamar, J. Ta'aker.
- Avena sterilis* L. subsp. *ludoviciana* (Durieu) Gillet & Magne (9)
Abyen ?
- Bothriochloa bladhii* (Retz.)S.T.Blake. ? (8) (Doubtful record)
N. of Ibb.
- Bothriochloa insculpta* (Hochst. ex A. Rich) Camus @ خمار
Tihama foothills, Taiz, Radaa, Sumara, Sanaa-Arhab, Hadhramaut, Soqotra.
- Brachiaria arida* (Mez)Stapf. (9)
(syn. *Panicum aridum* Mez)
Al Mukalla-Bayn al Jibal (Hadhramout:), AL Mahara, Soqotra.
- Brachiaria brizantha* (Hochst. ex A.Rich.) Stapf (8)
Rare: Ibb.
- Brachiaria chusqueoides* (Hack.) Clayton (8)
Rare: J. Bura', Al H'adiyyah.
- Brachiaria comata* (Hochst. ex A.Rich) Stapf. (9)
Rare: Adhabab (Taiz), W.Thabet, W. Assukhnah, J. Hubaish.
- Brachiaria deflexa* (Schum.) C.E. Hubb. ex F. Robyns (9) كحيلية
(syn. *B. regularis* (Nees) Stapf).
Tihama foothills, medium altitude mountains, Lahj, Adhale', Soqotra.
- Brachiaria eruciformis* (Sm.) Griseb. @
(syn. *B. isachne* (Roth & Schult.) Stapf, *Panicum eruciformis* Sm.).
At Turbah, Taiz-al Qadah, Ibb, Qa Bakil, Radaa, Russabah, Sanaa, Al-Mahra: N
Fartak, Soqotra.
- Brachiaria lata* (Schum.)C.E.Hubb. (8)
(syn. *Urochloa insculpta* (Steud.) Stapf, *Panicum insculptum* Steud).
Hagdah, W. Rusyan (W. of Taiz), Bagel, Raymah, Madinat Ashsharq.
Soqotra.
- Brachiaria leersioides* (Hochst.) Stapf. @ كحيلية
(syn. *Panicum leesioides* Hochst.)
Widespread: Tihaama foothills, medium altitude mountains, Lahj , Aden, Abyen,
w. of Amran.
- Brachiaria mutica* (Forssk.)Stapf. (9)
(syn. *Panicum muticum* Forssk, *P. appressum* Forssk.)
Tihama
- Brachiaria ovalis* Stapf. (9) كحيلية
(syn. *Panicum nudiglume* var. *major* Hochst. ex balfour,).
Rare: Hagdah, Maqbanah (w. of Taiz), Aden, Wussab Assafel, Soqotra.
- Brachiaria ramosa* (L.) Stapf. (9)
Rare: Tihama & foothills: Bagel, Bayt al Faqih, al Mishrafah, Soqotra.
- Brachiaria reptans* (L.) C.A. Gardner & C.E. Hubb. @

- (syn. *Panicum prostratum* Lam, *Urochloa reptans* (L.) Stapf.).
Taiz, Tihama, low altitude mountains.
- Brachiaria scalaris* Pilg. (9)
Rare: W. Hadabah (Al U'deyn).
- Brachypodium distachyom* (L.) P.Beauv. (8)
(syn. *Trachynia distachya* (L.) Link).
Rare: Highlands e.g. Shaharah
- Brachypodium retusum* (Pers.)P.Beauv. (9)
(syn. *B. ramosum* Roem. & Schult.).
Widespread on hgilands e.g. Jabel Saber, al Akahilah (Taiz), J. Milhan, J. Maswer.
- Bromus leptoclados* Nees. (9)
(syn. *B. cognatus* Steud.).
Highlands e.g. J. Saber, Sumara. J. Maswer.
- Bromus pectinatus* Thumb. (9)
(syn. *B. adoensis* Steud.).
Highlands e.g. J. Saber, Dhamar, J. Maswer.
- Bromus pulchellus* Fig. & De (9)
Taiz, Dhamar ?
- Capillipedium parviflorum* (R. Br.) Stapf (in Willdenowia 34: 159-182, 2004)
Al-Mahra: N Fartak.
- Catapodium rigidum* (L.)C.E.Hubb. (8)
V. rare: Al H'adiyyah.
- Cenchrus biflorus* Roxb. (8) كريبس
(syn. *Elymus caput-medusae* Forssk.)
Coastal areas e.g. Bayt al Faqih, al Qanawiss.
- Cenchrus ciliaris* L. @ سبلة الثعل، حشيش أبيض، اييد، قرطم (سقطرى)
(syn. *Pennisetum cenchroides* Rich., *P. ciliaris* (L.) Link., *P. petraeum* Steud.).
Taiz, N. of Sanaa, al Boun, Raydah, Jahran, Aden, Lahj , Abyen, Yafea, Soqotra.
- Cenchrus pennisetiformis* Hochst. & Steudel. @ حشيش أبيض
Tihama, W. of Taiz, Aden, Lahj, Hadhramaut, Soqotra, Abdul Kuri .
- Cenchrus setigerus* Vahl. @ حشيش أبيض
(syn. *C. montanus* Nees ex Steud., *C. schimperi* Hochst. & Steud.)
Tihama & Foothils, W of Taiz, Abyen, Soqotra.
- Centropodia forskaolii* (Vahl) Cope . (8)
(syn. *Avena pensylvanica* Forssk., *Asthenatherum forskaolii* (Vahl) Nevski,
Danthonia forsskaolii (Vahl) R.Br.). Marib, Shabwa, Bani Hushaysh, Jubah.
- Centropodia fragilis* (Guinet & Sauvage) Cope. (9)
(syn. *Asthenatherum fragile* (P. Guinet & Sauvage)
Aden
- Chloris barbata* Sw. (1) أبو فوشة
Tihama, Lahj, Aden, Hadhramaut,
- Chloris mensensis* (Schwweinf.) Cuf. (8) ?
Very rare: J. Bura'.
- Chloris pycnothrix* Trin. @
(syn. *C. leptostachya* Hochst. ex A. Rich).
Widespread from Tihama foothills to highlands, Soqotra.
- Chloris roxburghiana* Schultes. (8)
(syn. *C. myriostachya* Hochst.).

- Rare: Al H'adiyyah, Raymah, J. Bura', Haaraz.
Chloris virgata Sw. @
(syn. *C. meccana* Hochst. & Steud. ex Schltld.)
Tihama, Taiz, Marib, Soqotra.
- Chrysopogon aucheri* (Boiss.) Stapf. (8)
(syn. *Andropogon aucheri* Boiss.).
Rare: J. Nuqum, Hadhramaut, Al Mahara.
- Chrysopogon plumulosus* Hochst. (9)
(syn. *C. aucheri* var. *quinqueplumis* (Hochst. Ex A. Rich.) Stapf, *Aristida chrysopila* Steud., *Andropogon quinqueplumis* (Hochst. ex A. Rich.) Steud., *A. aristidoides* Steud., *A. aucheri* var. *quinqueplumis* (Hochst. ex A. Rich.)
Taiz, Tihama foothills, NE Dhamar, Qa Bakil, Hadhramaut, Soqotra.
- Chrysopogon serrulatus* Trin.
Soqotra
- Coelachyrum brevifolium* Hochst. & Nees
(syn. *Eragrostis coelachyrum* Benth)
Hadhramaut
- Coelachyrum piercei* (Benth) Bor
(syn. *C. stoloniferum* C.E. Hubb)
Hadhramaut
- Coelachyrum poiflorum* Chiov. Bukta. @
(syn. *C. induratum* Pilge.).
Widespread: Taiz, al Rahidah, Al U'deyn, Dhamar.Huth, Nihm, N. of Sanaa.
- Coelachyrum yemenicum* (Schweinf.) S.Philips.
(syn. *Cypholepis yemenica* (Schweinf.) Chiov., *Eragrostis yemenica* Schweinf.).
Al Qa'idah, Radaa, Haraz, Anes, J. Ashsharq.
- Crypsis schoenoides* (L.) Lam. (8)
Rare: Huth, Radaa.
- Cymbopogon caesius* (Nees) Stapf. (9)
(syn. *Andropogon bicornis* Forssk., *A. caesius* Nees ex Hook. & Arn.)
Widespread: Bagel, al Khalifah (Tihama), Al Ahkum, J. Saber (Taiz), J. Marran,
J. Ta'aker.
- Cymbopogon commutatus* (Steudel) Stapf. @
(syn. *C. parkeri* Stapf, *C. schoenanthus* subsp. *velutinus* Cope).
Above Aduf near At Turba (Taiz), Wadi Al Maqad-Al Mukalla road, .
- Cymbopogon jwarancusa* (Jones) Schult. subsp. *olivieri* (Boiss.) Soena. @ خسع
(syn. *C. olivieri* (Boiss.) Bor).
Hagdah-al Barh (w. of Taiz), Marib, Soqotra.
- Cymbopogon pospischilii* (K. Schum.) C.E. Hubb. (9)
South of Taiz.
- Cymbopogon schoenanthus* (L.) Spreng. subsp. *schoenanthus* . @ شنان، خلال، سخبر، حلفاء
(syn. *C. circinnatus* (Hochst. & Steud.) Hochst. ex hack, *Andropogon laniger* Desf., *A. circinnatus* Hochst. & Steud. *A. jwarancusa* subsp. *laniger* (Desf.)
Hook.f.)
Tihama & foothills, Arrubayee & Warazan (Taiz), Adhale', Marib, Sa'dah, Sanaa,
Lahj, Shabwa, Hadhramaut.
- Cynodon dactylon* (L.) Pers. @ وبل، نجيل، ثيل
(syn. *C. dactylon* var. *villosus* Regel)

- Widespread; Tihama foothills, western mountains, Aden, Abyen, Hadhramout Soqotra.
- Dactyloctenium aegyptium* (L.) Willd. @ كرزى، رجل الحرباء @
(syn. *Eleusine aegyptia* (L.) Desf.)
Coastal plains, Tihama & foothills, western mountains, Aden, Aabyen, Hadhramaut , Soqotra, Abdul Kuri .
- Dactyloctenium aristatum* Link. (9)
Aden, Soqotra.
- Dactyloctenium hackelii* Wagner & Vierh. * @
Soqotra, Abdul Kuri .
- Dactyloctenium robecchii* (Chiov.) Chiov. (9)
Hadhramaut, Al Mahara, Soqotra
- Dactyloctenium scindicum* Boiss. @ كرزى
(syn. *D. glaucophyllum* Courb., *Eleusine glaucophylla* (Courbai) Munro ex Benth.).
Tihama, W. of Taiz, E. of Manakha, Sanaa, Qaetabah, Lahj, Abyen, Al Mahara.
- Danthoniopsis barbata* (Nees) C.E. Hubb. (9)
(syn. *Tristachya barbata* Nees)
Near suq Al Kawlah in the W. Zabid, Maaafhaq-Bani Maansoor, Abyen
- Desmostachya bipinnata* (L.) Stapf. @ صداع
(syn. *Cynosurus durus* Forssk., *Eragrostis bipinnata* (L.) K.Schum., *E. cynosuroides* (Retz.) P. Beauv.)
Tihama & foothills, Taiz, W. Rimaa, Aden, Marib, Lahj , al Jawf, Hadhramaut , Soqotra.
- Dichanthium annulatum* (Forssk.) Stop.f. (9)
(syn. *Andropogon annulatus* Forssk.)
Tihama & Foothills, Maaber, Radaa, Arhab, Soqotra.
- Dichanthium aristatum* (Poiret) C.E. Hubb. (9)
Taiz, Ibb, al Qa'idah.
- Dichanthium foveolatum* (Del.) Roberty. (9)
(syn. *Andropogon foveolatus* Delile, *Eremopogon foveolatus* (Del.) Stapf).
Coastal areas: Aden, Abyen, Hadhramaut, Soqotra.
- Dichanthium insculptum* (A.Rich.) Clayton. (9) ???
Jiblah, Hadhramaut .
- Dichanthium micranthum* Cope ** (in Willdenowia 34: 159-182, 2004)
W of Huf (Al MAhara).
- Digitaria abyssinica* (Hochst.) Stapf. @
(syn., *D. scalarum* (Schweinf.)Chiov., *Panicum abyssinicum* Hochst. ex A. Rich.).
Widespread in highlands.
- Digitaria ciliaris* (Retz.)Koeler. (9)
(syn. *D. marginata* Link, *Panicum commutatum* (Schult.) Nees).
Coastal areas, Tihama & low altitude mountains, Hadhramaut, Soqotra.
- Digitaria diagonalis* (Nees) Stapf. (9)
Medium & high altitude e.g. Milhan, al Mahwit, Raymah, Al H'adiyyah.
- Digitaria nodosa* Parl. @
(syn. *Panicu commutatum* var. *nodosum* (Parl.) Hack. Ex T. Durand & Schinz)
Tihama foothills, Taiz, Sa'dah, Sanaa, Nihm, al Baydhah, Wussab Assafel, Sumara, Hadhramaut .
- Digitaria pennata* (Hochst.) T. Cooke. @

- Widespread: Tihama foothills, low altitude mountains, Taiz, Hadhramaut.
Digitaria ternata (A.Rich.) Stapf. (9)
Taiz, Ibb.
Digitaria rivae (Chiov.) Stapf (9)
Soqotra
Digitaria velutina (Forssk.) P. Beauv. @
(syn. *Phalaris velutina* Forssk., *Panicum sanguinale* var. *fentestratum* (Hochst. ex A. Rich.) Schweinf.)
Widespread: from Tihama foothills to highlands, Lahj, Shabwa, Soqotra.
Dignathia hirtella Stapf. (8,9)
Rare: Below Al H'adiyyah.
Dinebra retroflexa (Vahl) Panzer. (8,9)
Rare: Tihama foothills, Hithran, al Qa'idah, Al H'adiyyah.
Echinochloa colona (L.) Link. @ كحيلة، رخينة
(syn. *Panicum colonum* L.)
Widespread: Tihama, Taiz, w of Hammam Ali, Wadi Rimaa, Aden, Lahj, Abyen, Hadhramaut, Soqotra.
Echinochloa crusgalli (L.) P. Beauv. (9)
(syn. *Panicum crusgalli* L.)
Abyen ?, Haraz.
Ehrharta erecta var. *abyssinica* (Hochst.) Pilger. (9)
(syn. *E. abyssinica* Hochst.).
Saber, Khawlan Ashsham.
Eleusine coracana (L.) Gaerth. @ كنب
(syn. *E. tocussa* Fresen.)
Cultivated: Taiz, Hajjah, Abyen, Soqotra, Hadhramaut, Al Mahara.
Eleusine africana Kenn.-O'Byrne (9)
(syn. *Eleusine indica* (L.) Gaer. subsp. *africana* Kennedy-O Byne) SM. Phillips)
J. Habashi, al Misrakh (Taiz), Ibb, J. Bura', Raymah, SW of Sanaa, Soqotra.
Eleusine floccifolia (Forssk.) Spreng. @ سراق
(syn. *Cynosurus floccifolius* Forssk.)
Widespread in highlands: J. Saber, Qa Jahranr, Sumara, Dhamar, Utuma.
Eleusine multiflora A.Rich. (9)
Widespread in highlands: J. Saber, Shibam, Sanaa, Dhamar, Shaharah.
Elionurus muticus (Spreng.) Kuntze. @ حشيش أحمر
Highlands e.g. Dhamar, J. Sumara, Ba'adan.
Elionurus royleanus Nees ex A. Rich. (9)
(syn. *Andropogon elegantissimus* var. *arabicus* Steud)
J. Shaharah.
Enneapogon cenchroides (Roem. & Schult.) C.E.Hubb. (9)
(syn. *Pappophorum molle* (Lehm.) Kunth., *P. Cencroides* Roem. & Schult.).
Al Hudaidah - Sanaa road.
Enneapogon desvauxii P. Beauv. @ شعارة
(syn. *E. brachystachus* (Jaub & Spach) Stapf., *Pappophorum phleoides* Trin, *P. brachystachyum* Jaub. & Spach., *P. arabicum* Hochst. & Steud.).
Dhubhan (Taiz), Dhamar, Khawlan Ashsham, Raydah, Wadi Dhahr, Rada', Hadhramaut, Soqotra.
Enneapogon lophotrichus Chiov. Ex H. Scholz. & P. Konig (9)
Tihama, Aden, Abyen

- Enneapogon persicus* Boiss. (9) شعارة
(*syn. Pappophorum persicum* (Boiss.) Steud., *E. schimperianus* (Jaub. & Spach) Renvoize).
Huth. NE of Raydah, Tihama foothills to Highlands, Soqotra.
- Enneapogon scoparius* Stapf. (9)
Shibam, Manakha, W. Dhahr (Sanaa).
- Enteropogon dolichostachyus* (Lagas.) Keng ex Lazorides (9)
Westrn mountain
- Enteropogon macrostachyus* (Hochst. ex A. Rich.) Munro ex Benth. (9)
Tihama foothills, Hithran (Taiz), Madinat Ashsharq, al Mahwit.
- Eragrostis aethiopica* Chiov. (9)
Annugaybah-Al Mafraq (Tihama).
- Eragrostis aspera* (Jacq.) Nees. (9)
Rare: W. Assukhna, Al Misrakh, Al U'deyn, Soqotra.
- Eragrostis barrelieri* Dav. @
Widespread: Tihama foothills, Taiz, Lahj , Dhamar, Abyen, Marib, Soqotra.
- Eragrostis braunii* Schweinf. (9)
Highlands e.g. Sanaa.
- Eragrostis cilianensis* (All.) Vignolo ex Janch. (9)
(*syn. E. major* Host)
Widespread: Tihama foothills, Taiz, highlands, Soqotra.
- Eragrostis ciliaris* (L.) R.Br. (9)
(*syn. E. arabica* Jaub. & Spach, *E. ciliaris* var. *brachystachya* Boiss.)
Coastal areas, Tihama foothills, Hadhramaut, Abyen, Soqotra.
- Eragrostis curvula* (Schrad.) Nees. (8)
Very rare: Highlands e.g. Shibam, Kawkaban, J. Allowz.
- Eragrostis cylindriflora* Hochst. (9)
(*syn. E. porosa* auct.).
Bani Manssur, Wussab, Rihab.
- Eragrostis japonica* (Thunb.) Trin. (9)
Haradh.
- Eragrostis lepida* (A.Rich.) Hochst. ex Steud. (9)
Soqotra
- Eragrostis longifolia* Hocst. ex Steud. (9)
Al H'adiyyah.
- Eragrostis macilenta* (A.Rich.) Steud. (9)
(*syn. E. decidua* Hochst.).
Ibb, Manakha, J. Bura', J. Milhan.
- Eragrostis maharana* Schweinf. @
(*syn. E. fruticans* Jedwabn.)
Hadhramaut, al Mahara.
- Eragrostis minor* Host. (9)
Rare: J. Attur, al Maraqisha (Abyen), Soqotra.
- Eragrostis papposa* (Roemer & Schult.) Steud. @
(*syn. E. aulacosperma* var. *perennis* Schweinf.)
Widespread: Tihama foothills, Taiz, Dhamar, Lahj, Sumara, al Boun, Soqotra.
- Eragrostis pilosa* (L.) P.Beauv. @
Coastal areas, Taiz, Huth, highlands.
- Eragrostis schweinfurthii* Chiov. (8)

- var. *schweinfurthii*
Rare: Highland e.g. J. Saber, J. Ta'aker, Wussab al Ali, Utuma, J. Milhan.
var. *kiwuensis* (Jedw.) S.M. Phillips. (8)
J. Saber, Sumara, Wussab al Ali, Kusumah, Rayma.
- Eragrostis tef* (Zucc.) Trotter. (9) طهف
(*syn. Poa abyssinica Jacq.*)
Cultivated: W. Saba (Marib).
- Eragrostis tenella* (L.) P.Beauv. ex Roem. & Schult. (9)
J. Bura'.
- Eragrostis tenuifolia* (A.Rich.) Hochst. ex Steud. (9)
Ibb, Soqotra.
- Eragrostis viscosa* (Retz) Trin. (9)
Soqotra.
- Eriochloa fatmensis* (Hochst. & Steud.) Clayton. (1,9)
(*syn. E. nubica (Steud.)Hack. ex Thell., E. acrotricha (Steud.) Hack. ex Thell.,
Panicum fatmense Hochst. & Steud.*)
Coastal areas, Lahj , Hadhramaut .
- Eriochloa meyeriana* (Nees) Pilg. (9)
(*syn. Panicum meyerianum Nees.*)
Hithran, al Barakani (Taiz), al Qa'idah, Ibb.
- Eustachys paspaloides* (Vahl) Lanza & Mattei (9)
(*syn. Chlori petraea auct..*)
Ibb, Raymah, al Ahjur.
- Festuca cryptantha* T.Cope. * (9)
Highlands: J. Sumara, J. Khudra (Hubeish), J. Annabi Shua'ib, J. Maswer, J.
Ta'ker, J. Mahdad (Amran-Hajjah road).
- Festuca obturbans* St.-Yves. (9)
Rare: Highlands: Sanaa, J. Dhawran, J. Annabi Shua'ib, Shibam, Kawkaban.
- Festuca rubra* L. (9)
Introduced as lawn grass: Sanaa.
- Festuca pilosella* Alexeev * (9)
Rare: Highlands: Sanaa, J. Dhawran, J. Annabi Shua'ib, Shibam, Kawkaban.
- Festuca yemenensis* Alexeev * (9)
High altitude areas
- Fingerhuthia africana* Lehm. (9)
(*syn. F. africana var. minor (Nees) Pilg. ex Schwartz*)
Wadi Dhahr. Highlands: Yasleh, Radaa, Khawlan Ashsham, Waalan, Nuqum,
- Gastridium phleoides* (Nees & Meyen) C.E. Hubb. (9)
Highlands e.g. J. Saber, J. Taaaker, Ba'adan, Manar, Kusuma, Milhan, Attawilah,
Soqotr.
- Hackelochloa granularis* (L.) Kuntze (9)
(*syn.: Mnesithea granularis (L.) Koning & Sosef*)
Ibb, W. Assukhnah, Huf (Al Mahara), Soqotra.
- Halopyrum mucronatum* (L.) Stapf. @علال
(*syn. Desmazeria unioides Deflers*)
Coastal areas: al Hudaydah, al Khawkha, Aden, al Mukalla, Soqotra.
- Harpachne schimperii* Hochst. ex Rich. (9)
Highlands: Ibb, Shibam, al Aahjur, J. RazeH.
- Helictotrichon arctum* Cope * (9).

- Highlands: J. Ta'aker.
Helictotrichon elongatum (Hochst ex A.Rich.)C.E.Hubbard. (9)
Highlands: Jibla, J. Saber, Dhamar, Al H'adiyyah, al Aahjur, Yerim.
Heteropogon contortus (L.) P. Beauv. ex Roem. & Schult. @ حشيش أحمر
(syn. *Andropogon contortus* L., *H. contortus* var. *Glaber* (Pers.) hack., *H. Hirtus* Pers.)
Al Hudaidah - Sanaa road, Dhamar, Soqotra.
Hordeum spontaneum K.Koch. (9)
Yerim ?
Hordeum vulgare L. @ شعير
(syn. *H. aegiceras* Nees ex Royle, *H. deficiens* Ssteud. Ex A. Braun, *H. distichon* L. *H. vulgare* subsp. *tetrastichum* var. *pallidum* Ser. *H. vulgare* subsp. *hexastichum* var. *brachyurum* (Alef.) Korn. *H. vulgare* subsp. *distichon* var. *deficiens* (Steud. Ex A. Braun) Schweinf., *H. vulgare* subsp. *distichon* (L.) Thell., *H. vulgare* subsp. *tetrastichum* (Stokes) Celak.).
Cultivated. J. Saber, Yerim, Hadhramaut.
Hyparrhenia coleotricha (Steud.)Ander. ex Clayton (9)
Middle altitude e.g. around Al U'deyn.
Hyparrhenia dregeana (Nees) Stapf ex Stent (Nees). (9)
Rare: Highlands : Ibb, Al U'deyn, J. Shibam
Hyparrhenia formosa Stapf (9)
Rare: J. Kaburah above Al H'adiyyah.
Hyparrhenia hirta (L.) Stapf @ حشيش أحمر، صفصوف، مخير
(syn. *Andropogon hirtus* L.)
Sanaa, Yesliih, Huth, al Bon, Dhamar, Hajjah, Lahj, Ashue'ib, Soqotra .
Hyparrhenia papiilipes (Hochst. Ex A.Rich.)Anderss. ex Stapf (9)
Rare : J. Sumara.
Hyparrhenia quarrei Robyns (9)
Rare : Ibb Al U'deyn pass below Mashwarah.
Hyparrhenia variabilis Stapf. (9)
Rare : Between Ibb and Suq As Sabt.
Imperata cylindrica (L.)P. Beauv. (8, 9)
(syn. *Arundo epigeios* Forssk., *I. arundinacea* Cirillo)
Very rare: N. of Radaa, Soqotra.
Ischaemum impressum Hack. (9)
Soqotra
Koeleria macrantha ((Ledeb.) Schult. (9)
Highlands: J. Saber, Al H'adiyyah, J. Milhan, Shibam, Haraz, Maswer.
Lamarckia aurea (L.)Moench. (9)
(syn. *Cynosurus aureus* L.)
Taiz, Ibb, Sumara, Kusumah, Raymah, Milhan, Shibam, Haraz, Attawilah.
Lasiurus scindicus Henrard. @ بكار، طعم الصد
(syn. *L. hirsutus* (Vahl) Boiss., *L. hirsutus* subsp. *arabicus* Chrtk, *Elionurus hirsutus* (Vahl) Munro ex Benth., *Saccharum hirsutum* Forssk., *Triticum aegilopoides* Forssk.).
Southern Tihama, W. of Taiz, Aden, Hadhramaut .
Leptocarydion vulpiastrum (De Not.) Stapf. (8)
Very rare: Al Misrakh.
Leptochloa fusca (L.) Kunth (9)

- (*syn. Bromus polystachios* Forssk., *Diplachne fusca* (L.) P. Beauv. Ex Roem. & Schult.).
Rada'a
- Leptochloa obtusifolra* Hochst. (8)
(*syn. Eleusine obtusiflora* (Hochst.) Schweinf.).
Tihama foothills, Bura', Taiz.
- Leptochloa rupestris* C.E. Hubb. (8)
Tihama foothills, W. Adhabab (Taiz), Khawlan Ashsham.
- Leptochloa uniflora* Hochst. Ex A. Rich. (9)
Western mountains
- Leptotherim senegalense* (Kunth) Clayton. (8) صرخ
(*syn. Latipes senegalensis* Kunth)
S. of Zabid, Shabwa, eastern mountains, Abyen, Hadhramaut, Soqotra.
- Lepturus calcareus* Cope * (9)
Soqotra
- Lepturus nesioties* Cope (9)
Soqotra
- Lepturus pulchellus* (Balf.f.) Clayton * (9)
(*syn. Ischnurus pulchellus* Balf.)
Soqotra
- Lepturus tenuis* Balf.f. * (2)
Soqotra
- Lolium multiflorum* Lam. (8)
Ba'adan, J. Manar, J. Ta'aker.
- Lolium perenne* L. (9)
Lawn grass: Yerim, Sanaa. Highlands: Amran, Khamer, Al H'adiyyah, W. Bana.
- Lolium persicum* Boiss. & Hoben (9)
Ba'adan, J. Manar, J. Ta'aker, Soqotra.
- Lolium rigidum* Gaudin. (9)
Sanaa ?
- Lolium temulentum* L. (9)
Rare: Taiz, Sanaa, Soqotra.
- Loudetia flavida* (Stapf) C. E. Hubb. (in Willdenowia 34: 159-182, 2004)
Hadhramaut, Al Mahara.
- Melanocenchris jacquemonthii* Jaub. & Sparch.
(*syn. M. royleana* Nees ex Steud.)
Soqotra.
- Milinis repens* (Willd.) Zizka subsp. *grandiflora* (Hochst.) Zizka (9)
(*syn. M. barbeyana* Mez *Tricholaena grandiflora* Hochst. ex A. Rich., *T. wightii* Nees & Arn. ex Steud., *Rhynchelytrum grandiflorum* Hochst *R. microstachyum* Balfour, *R. microstachyum* var. *albicomum* Balfour, *R. villosum* (Parl.) Chiov.,)
Tihama foothills: J. Bura' & J. Raymah, Madinat Ashsharq, Hajjah, J. Sumara,
Soqotra.
- Microchloa kunthii* Desv. @ قرية
(*syn. M. indica* auct. Non (L.) P. Beauv.)
Widespread: Medium to highlands e.g Dhamar, Soqotra.
- Ochthochloa compressa* (Forssk.) Hilu. (9)
(*syn. Eleusine compressa* (Forssk.) Asch & Schweinf., *E. flagellifera* Nees, *E. arabica* Hochst. ex Steud, *Panicum compressum* Forssk.,).

- Coastal areas, Taiz, Lahj .
Odontelytrum abyssinicum Hack. (9)
Highlands: Yerim, Sumara, W. Bana, Anis.
Odyssea mucronata (Forssk.) Stapf. @ شوخم، شخم
(syn. *Aeluropus arabicus* (Spring.) Steud., *A. mucronatus* (Forssk.) Asch., *Festuca mucronata* Forssk.)
western and southern coastal areas, Soqotra.
Oplismenus burmannii (Retz.) P. Beauv. (9)
Huf (Al Mahara), Soqotra.
Oplismenus compositus (L.) P. Beauv. (9)
J. Bura', Suq Ar Ribat (J. Raymah), Milhan, Al H'adiyyah, Soqotra.
Oplismenus hirtellus (L.) P. Beauv. (9)
Wadi Ad Dur (Al U'deyn).
Oropetium capense Stapf. (9)
(syn. *O. capense* var. *arabicum* H. Scholz & P. Konig)
Rare: Fardah pass, Hadhramaut, Al Mahara..
Oropetium minimum (Hochst.) Pilger. @ قرية
Coastal areas, Dhamar, Wussab, Shaharah, Soqotra.
Oryza sativa L. (8) رز
Very rare, Cultivated in Abs-Muharraq. (9)
Piptatherum holciforme (M. Bieb.) Roem. & Schult. Subsp. abyssinicum Freitag (9)
(syn. *Oryzopsis holciformis* (M. Bieb.) Hackel.
J. Saber, Ayfuu, Milhan, J. Maswer, Shaharah, J. Ta'aker.
Panicum antidotale Retz. (1.9) تمام، تمام ايراني
Aden, Lahj.
Panicum atrosanguineum Hochst. ex A. Rich. (9)
Tihama foothills, Taiz, Shaharah, Soqotra.
Panicum coloratum L. (9)
Coastal areas, eastern mountains, Taiz. Al Qa'idah, Ibb.
Panicum maximum Jacq. @
Tihama foothills, Maaber, Hadhramaut, Soqotra.
Panicum miliaceum L. (8) دخن
Cultivated: Tihama, Aden, Hadhramaut..
Panicum rigidum Balf.f. * @
Soqotra, Abdul Kuri, Samha.
Panicum socotranum Cope. * (9)
Soqotra.
Panicum turgidum Forssk. @ تمام، بكار
Coastal areas, Hadhramaut, Marib, Soqotra.
Paspalidium desertorum (A. Rich.) Stapf. (9)
(syn. *Panicum desertorum* A. Rich., *P. arabicum* Nees ex Steud.)
Coastal areas e.g. Bagel, W. Zabid, Al Hudayda, Aden.
Paspalidium flavidum (Retz.) A. Camus. (9)
Tihama.
Paspalidium geminatum (Forssk.) Stapf. (9)
(syn. *Panicum geminatum* Forssk., *P. brizoides* Lam., *P. paspalodes* Pers.)
western coastal areas, Soqotra.
Paspalum distichum L. (9)
(syn. *P. paspalodes* (Michx.) Scribn.)

- Introduced as forage: W. hadaba (Al U'deyn), near Suq As Sabt (Ibb).
Paspalum scrobiculatum L. (8,9)
Rare: al Aduf near At Turbah, Wussab Assafel, Khamis Ban Saad, Soqotra.
Paspalum vaginatum Sw. (9)
Coastal areas. Taiz, Radaa., Soqotra.
Pennisetum clandestinum Hochst. ex Chiov. (9)
Introduced as low grass and fodder in Sanaa.
Pennisetum divisum (J. Gmelin) Henrard. (9)
(syn. *P. dichotomum* Delile, *Panicum dichotomum* Forssk., *P. elatum* Hochst. & Steud.)
Eastern mountains, Aden, Harib, Lahj, Ataq-Bayhan (Shabwa), Soqotra..
Pennisetum glaucum (L.) R.Br. @ دخن
(syn. *P. spicatum* (L.) Korn, *P. americanum* (L.) Leek, *P. typhoides* (Burm.f.) Stapf. & Hobb., *Holcus racemosus* Forssk.,).
Cultivated: coastal areas
Pennisetum macrourum Trin. (9)
(syn. *P. quartinianum* A. Rich.).
At Turbah, Khawlan Ashsham, Wadi Shalalah.
Pennisetum orientale Rich. (9)
Soqotra, Lahj, Adhale', .
Pennisetum setaceum (Forssk.) Chiov. @ خناق، عذف، حزاز
(syn. *P. rueppellii* Steud., *Phalaris setacea* Forssk.).
Tihama foothills, Taiz, Ibb, Qa Bakil, Huth, Dhamar, Raydah, Sanaa, Soqotra.
Pennisetum sieberianum (Schltdl.) Stapf & C.E. Hubb. (9)
Tiham foothills, Abyen
Pennisetum stramineum Peter. (9)
Highlands e.g. Arhab, Nihm, Radaa, Shiharah, Manakha, Attawilah.
Pennisetum thunbergii Kunth. (9)
(syn. *P. glabrum* Hochst. ex Steud., *P. depauperatum* Schweinf.).
Widespread on highlands e.g. Ibb, Yerim.
Pennisetum unisetum (Nees) Benth. (9)
(syn. *Beckeropsis uniseta* (Nees) K. Schum.).
Widespread on highlands e.g. Ibb.
Pennisetum villosum R.Br. ex Fresen. @ زياد
Jiblah, Qa Bakil, Dhamar, Sanaa, al Boun, Yerim, Eryan, Ibb, J. Sumara, Kitab, Annajd Al Ahmer, Abyen.
Pennisetum yemense Deflers (9)
High altitude areas
Pentastichis pictigluma (Steud.) Pilger. (9)
Rare: Highlands e.g. Sanaa, J. Annabi Shua'ib, Taaker, J. Maswer.
Phaenanthoecium koestlinii (Hochst. Ex A. Rich.) C.E. Hubb. (9)
Raymah, Haraz, Maswer, J. Ta'aker.
Phalaris paradoxa L. (9)
(syn. *P. Paradoxa* var. *praemorsa* (Lam.) Coss. & Durieu)
Hadda (Sanaa).
Phragmites australis (Cav.) Trin. ex Steud. subsp. *australis* (9)
(syn. *P. Communis* Trin., *P. communis* Trin. var. *stenophylla* Boiss.).
Radaa, Arhab, near al Mukalla, Wadi Al maqad-Al Mukalla road.
Phragmites karka (Retz) Trin ex Steudel. (8,9)

- Very rare: Ibb.
Poa annua L. (9)
Highlands.
Poa leptoclada Hochst. ex A. Rich. (9)
Rare: Highlands: J. Maswer.
Poa menachensis *Schweinf** (9)
Very rare: J. Shibam near Manakha.
Poa pseudoschimperia Chiov.
Highlands: above Dimarayn (J. Saber), His'n Hab (Ba'dan), J. Ta'aker.
Poa schimperiana Hochst. ex A. Rich. (9)
Highlands: Ibb, J. Maswer.
Polypogon monspeliensis (L.) Desf. (9)
Taiz, Tihama foothills, Soqatra.
Polypogon viridis (Gouan) Breistr. (9)
(*syn Agrostis viridis Gouan, A. semiverticillata Forssk., A. verticillata Vill., Polypogon semiverticillatus (Forssk.) Hyl.*)
Tihama foothills, Dhisufal, western mountains, Hadhramaut .
Polypogon schimperianus (Hochst. Ex Steud.) (9)
(*syn. Agrostis schimperiana Hochst. ex Steud., A. hirtella Hochst. ex Steud.*).
Rare: Manakha, Dhamar, Bawaan, Khawlan Ashsham
Rottboellia cochinchinensis (Lour.) Clayton (9)
(*syn. R. exaltata L.f.*)
Tihama, Hagdah (W of Taiz), medium altitude.
Rytidosperma subulata (A. Rich.) Cope. (9)
Highlands: Sumara-Maaber.
Saccharum griffithii Munro ex Boiss. (9)
Hadhramaut
Saccharum officinarum L. (9) قصب السكر
Cultivated: Ibb
Saccharum ravennae (L.) Murr. (9)
Sa'dah, Nihm, Marib.
Saccharum spontaneum L. (9)
Tihama, Tihama foothills, Highlands, Abyen.
subsp. spontaneum
Tihama, Tihama foothills, Abyen
Schmidtia pappophoroides Steud. (9)
Soqatra.
Schoenefeldia gracilis Kunch (9)
Bayt al Faqih: Tihama.
Sehima ischaemoides Forssk. (9)
(*syn. Andropogon sehima Steud.*)
Taiz, Raymah, Al H'adiyyah..
Sehima nervosum (Rottler.) Stapf. (9)
(*syn. Ischaemum laxum R. Br.*)
Tihama foothills, At Turbah, Ibb, Al U'deyn, Soqatra.
Setaria barbata (Lam.) Kunth. @
Tihama foothills, Adhabab (SW of Taiz).
Setaria intermedia Roem. & Schult. (9)
Soqatra.

- Setaria italica* (L.) P. Beauv. (9) نخن إيطالي
Cultivated in Hadhramaut
- Setaria megaphylla* (Steud.) T. Durand & Schinz (9)
(syn. *S. plicatilis* (Hochst.) Hack. Ex Engl., *panicum plicatile* Hochst.) (9)
Tiham foothills, al Mussallah (Taiz), Hajjah .
- Setaria pumila* (Poir.) Roem & Schult. (9)
Taiz, Ibb, Al U'deyn, J. Razeh., western mountains, Soqotra.
- Setaria sagittifolia* (Hochst. ex A.Rich.) Walp. (9)
(syn. *Panicum sagittifolium* (Hochst. ex A. Rich.)
Wussab, Rihab, Madinat Ashsharq, Raymah, Haraz.
- Setaria sphacelata* (Schum.) Stapf. & C.E. Hubb. ex M.B. Moss. (9)
(syn. *S. sphacelata* var. *aurea* (A. Braun) Clayton.)
Al Mahwit.
- Setaria verticillata* (L.)P. Beur. @ سبيط
(syn. *S. adhaerens* (Forssk.)Chiov., *S. verticilliformis* Dumort., *Panicum adhaerens* Forssk.).
Tihama foothills, Taiz, Western mountains, Hadhramaut, Soqotra, Abdul Kuri .
- Snowdenia polystachya* (Fresen.)Pilger. @
(syn. *Beckera polystachya* Fresen.)
Highlands: J. Saber, J. Habashi, Warazan, Sumara, Sanaa, Haraz, Shahrarah, Bani Matar.
- Sorghum bicolor* (L.) Moench @ ذرة
Cultivated.
- Sorghum versicolor* Andersson (in Willdenowia 34: 159-182, 2004)
Huf (AL Mahara).
- Sporobolus africanus* (Poiret) Robyns & Tournay. (9)
J. Saber, At Turbah, J. Maswer, Ibb, Dhamar, Yerim.
- Sporobolus angustifolius* A. Rich. (9)
Ibb, al Dalil, Sumarah, Bura', Al H'adiyyah, Milhan, al Mahabisha, Soqotra.
- Sporobolus airiformis* Chiov. (9)
Abyen ?
- Sporobolus confinis* (Steud.)Chiov. (9)
Medium altitude e.g. J. Razeh.
- Sporobolus consimilis* Fresen. (9) حشيش مالج، مملح
Tiham foothills, Hujaylah, Aden, Damt, al Baydhah, Radaa, Sa'dah., Aden.
- Sporobolus coromandelianus* (Retz.) Kunth. (9)
Hajjaylah, Al-Mahra: 5-10 km W of Hawf
- Sporobolus diander* (Retz.) P. Beauv. (9)
Soqotra
- Sporobolus festivus* Hochst. ex A. Rich. (9)
Tiham foothills, Sharaab, Al U'deyn, J. Hubaysh, J. Ashsharq.
- Sporobolus gloeocladus* Cope (9)
Abyen ?
- Sporobolus helvolus* (Trin.)T.Duran. & Schinz. (9)
(syn. *S. glaucifolius* (Steud.) Hochst. ex Dur. & Schinz, *Vilfa helvola* Trin.).
Coastal areas, Tihama foothills.
- Sporobolus ioclados* (Nees ex Trin.) Nees . @
(syn. *S. arabicus* Boiss., *S. marginatus* Hochst. ex A. Rich., *S. jemenicus* Pilg. Ex Schwartz, *S. kentrophyllus* (Schum.) Clayton.).

- Tihama foothills, Taiz, Sanaa, Sa'dah, Hadhramaut, Soqotra.
Sporobolus minutus Link. (9)
Soqotra.
Sporobolus natalensis (Steud.) Dur. & Schinz. (9)
Shibam.
Sporobolus nervosus Hochst. (8,9)
V. rare: NW Sanaa.
Sporobolus panicoides A.Rich. (9)
At Turbah, al Qadah, Dhisufal, Ibb, Al U'deyn, Rihab, Wussab al Ali, J Ashsharq.
Sporobolus pellucidus Hochst. (9)
Radaa, W. Dhahr, Shamalan, Soqotra.
Sporobolus pyramidalis P. Beauv. (9)
(*syn. Agrostis indica* Forssk.)
Widespread: western low and highlands.
Sporobolus ruspolianus Chiov. (2,9)
Hadhramaut, Soqotra.
Sporobolus spicatus (Vahl) Kuntze. @ حشيش مالح، مملح، النمص @
(*syn. Agrostis virginica* Forss.)
Taiz, Tihama, Aden, Lahj, Hadhramaut, Hagdah-Hays, Soqotra, Abdul Kuri .
Sporobolus stapfianus Gand. (9)
Northern high lands
Sporobolus tourneuxii Coss. (9)
NE Dhamar, Milhan, Sanaban, Radaa, Bani Hushaysh, Hadhramaut .
Sporobolus virginicus (L.) Kunth. (3,9)
Hadhramaut
Stipa parviflora Desf. (Doubtful record, ref. the herbarbarium of al Kod)
Sayhut-Qishin road (Hadhramaut) .
Stipa tigrensis Chiov. (9)
J. Habashi, Haraz, Sumara, J. Allouz, Kuhlan, J. Manar, Haraz, Shibam.
Stipagrostis acutiflora (Trin. & Rupr.) De Winter. (9)
Hadhramaut
Stipagrostis ciliata (Desf.) De Winter. @ حشيش أحمر @
(*syn. Aristida ciliata* Desf.).
Highlands: Maaber, Dhamar, Sanaa, Radaa, Amran, Hadhramaut .
Stipagrostis drarii (Tackh.) De Winter
(*syn. S. arabiifelicis* Bor)
North Hadhramaut
Stipagrostis foexiana (Maire & Wilczek.) De Winter. (9)
(*syn. Aristida bifida* Karl)
Stipagrostis hirtigluma (Steud. ex Trin. & Rupr.) De Winter. (9)
(*syn. Aristida hirtigluma* Trin. & Rupr.).
Tiham foothills, Bani Umar, Damt, Amran, Hadhramaut .
Stipagrostis multinerva H. Scholz (9)
Hadhramaut
Stipagrostis obtusa (Del.) Nees. (9)
(*syn. Aristida obtusa* Delile).
Highlands: Radaa, Sa'dah, Khawlan Ashsham, Al Bon.
Stipagrostis paradisea (Edgew.) de Winter. (9) ذريرة
(*syn. Aristida paradisea* Edgew., *Arthratherum caloptilum* Jaub. & Spach).

- Aden, Jubah, Harib.
Stipagrostis plumosa (L.) Munro ex T. Ander. (9)
(syn. *Aristida plumosa* L.).
Al Mafrag-Al Makha, Aden.
- Stipagrostis raddiana (Savi) De Winter (9)
Fartak (Al Mahara).
- Stipagrostis sokotrana (Vierh.) De Winter. (9)
(syn. *Aristida sokotrana* Vienth.).
Soqotra, Hadhramaut.
- Stipagrostis uniplumis (Licht.) De Winter. (9) ذريرة
(syn. *Aristida pogonoptila* (Jaub. & Spach) Boiss.)
Abyen, Aden.
- Stipagrostis xylosa Cope
Western coastal area, Hadhramaut.
- Tetrachaete elionuroides Chiov. (9)
Coastal areas, Taiz, al Mafrag.
- Tetrapogon cenchriformis (A. Rich.) W.D. Clayton. (9)
(syn. *Lepidopironia cenchriformis* A. Rich, *T. spathaceus* (Hochst. ex Steud.)
Hack.).
Tiham foothills, western medium altitude.
- Tetrapogon tenellus (K.D. ex Roxb.) Chiov. (9) بجمة
(syn. *T. macroanthus* (Jaub. & Spach) Benth., *T. triangulatus* (Hochst. ex A.
Rich.) Schweinf., *Chloris tenella* Roxb, *C. macrantha* Jaub. & Spach.).
Tihama foothills, medium altitude, S. of Taiz, Lahj, Radfan, Soqotra.
- Tetrapogon villosus Desf. @ حشيش أحمر، قطحهن (سقطرى)
(syn. *Chloris villosa* (Desf.) Pers.)
Widespread: Tiham foothills, Taiz, Dhamar, Raydah, Sanaa, Aden, Lahj ,
Soqotra.
- Themeda quadrivalvis (L.) Kuntze. (9)
(syn. *Anthistiria ciliata* L.f.).
Soqotra.
- Themeda triandra Forssk. @
(syn. *T. forsskalii* Hack., *T. triandra* var. *imberbis* (Retz.) Hack., *T. triandra* var.
glauca (Desf.) Hand.-Mazz.)
J. Saber, Shibam, Dhamar, Yasleh, Hajjah, Raydah, Utuma, Kuhlan, Soqotra.
- Tragus berteronianus Schult. (9)
(syn. *T. occidentalis* Nees, *T. alienus* var. *brevispinus* Henrard)
Tihama foothills, J. Bura', Abyen, Marib, Hadhramaut , Soqotra.
- Tragus racemosus (L.) All. @
(syn. *T. brevicaulis* Boiss.)
Taiz, Yerim, Sanaa, Abyen, Hadhramaut , Soqotra.
- Tricholaena teneriffae (L.f.) Link. (9)
(syn. *T. leucantha* (A. Rich.) Stapf & C.E. Hubb., *T. mascatensis* Gand. *Panicum*
teneriffae (L.f.) R.Br., *P. leucanthum* A. Rich.).
Tihama foothills, Highlands, Abyen, Aden, Hadhramaut.
- Tricholaena vestita (Balf.f.) Stapf & C.E. Hubb. * (9)
(syn. *Eriochloa vestita* Balf.f.).
Soqotra.
- Trichoneura mollis (Kunth) Ekman (9)

- (*syn. Uralepis arenaria Steud.*)
Soqatra
Tripogon leptophyllus (A.Rich.) Cuf. (9)
Rare: Highlands e.g. Al Mahwit, Al H'adiyyah, Milhan, N Fartak (AL Mahara)..
Tripogon montanus Chiov. (9)
Highlands e.g. Ba'adan, Bawaan, Kawkaban, shibam, Dhawran.
Tripogon multiflorus Mire & H.G.illet. (9)
Al U'deyn, J. Raymah, Shamlan, Arhab.
Tripogon oliganthos Cope * (9)
High altitude mountain areas
Tripogon purpurascens Duthie. (9)
Sumara, near Addalil.
Tripogon subtilissimus Chiov. (9)
Abyen, Hadhramaut.
Triraphis pumilio R.Br. (9)
V. rare: Marib, Hadhramaut.
Triticum aestivum L. (9) قمح، بر، حنطة
(*syn. T. vulgare Vill., T. vulgare var. caesium Alef., T. erythrosperrum T. vulgare var. ferrugineum Alef.*)
Cultivated: Yerim, Hadhramaut.
Triticum dicocum (Schrank.) Schuev. (9) علاس
(*syn. Gigachilon polonicum subsp. Dicoccon (Schrank) A. Love*)
Cultivated: Manakha.
Triticum durum Desf. (9) سمرة
(*syn. Gigachilon polonicum subsp. durum (Desf.) A. Love*)
Cultivated : Jiblah, al Kod.
Urochloa panicoides P.Beauv. @
(*syn. U. helopus (Trin.) Stapf, Panicum controversum Steud.*)).
Hagdah, Sharaab (Taiz), Al U'deyn, Wussab-Rihab, Al H'adiyyah, Haraz, Lahj,
Adhale' Urochloa trichopus (Hochst.) Stapf (9)
Tihama & foothills, Taiz, Madinat Ashsharq.
Urochondra setulosa (Trin.)C. E.Hubb. @ خُصَّيْبِيَّة
(*syn. Vilfa setulosa Trin., Sporobolus setulosus (Trin.) A. Terrace.*)
Coastal areas: Al Hudaydah, Hadhramaut, Soqatra.
Vulpia bromoides (L.)Gray. (9)
Highlands e.g. J. Ta'aker.
Zea mays L. @ هند، سبول، ذرة شامية
Cultivated.
Zingeria trichopoda (Boiss.)P.Smirn. @
Taiz.

POLYGALACEAE

- Polygala abyssinica R.Br. ex Fresen.
var. abyssinica @
J. Saber, Manakha, Hadhramaut , Dhamar, Soqatra.
var. subaphylla (O. Schwartz) Wood (8)
(*syn. P. aubaphylla O. Schartz*)
East of Radaa, near Majz Bani Hushaish.
Polygala dhofarica Baker (in Anales Jard. Bot. Madrid 45(1): 151-158.)

- Jabel An Nabi Shwayib, Jebel Hisu Naduan, Wusab al Ali, Hadhramaut, Al Mahara,
Polygala erioptera DC. (8@) مستندرة
(syn. *P. thurmanniana* Chodat, *P. paulayana* Vierh).
Bait al Faqih, Aden, Lahj, Jihaf, Abyen, Kuhlan Affar, Hadhramaut, Soqotra.
var. *perennis* Schweinf.
Aden, Huneish island, Qa tabah.
- Polygala irregularis Boiss. (8)
Coastal areas, al Mafraq-al Barh, Dhamar, Abyen.
- Polygala kuriensis A.G.Mill. * (2)
Abdul Kuri island
- Polygala persicariifolia DC. (8)
Rare: Ibb
- Polygala rupicola Hochst. & Steud. ex A.Rich. (8)
(syn. *P. aethiopica* Chodat.).
J. Saber, al Ahjur, Raydah, Wusab Al Ali, J Annabi Shua'ib.
- Polygala schwartziana Paiva. (3)
(syn. *P. subaphylla* Schwartz).
NE of Sanaa, N of Sa'ada, W. Hajr (Hadhramaut), Marib-Harib road.
- Polygala senensis Klotzsch. @ صرية
(syn. *P. quartiniana* A.Rich., *P. obtusissima* Hochit., *P. calcicola* Chodat).
Tihama foothills, Taiz, Aden, Lahj , Adhale, Nihm, Shabwa, Kuhlan, Lawdar-Al Mukala, Hadhramaut .
- Polygala steudneri Chodat (in Anales Jard. Bot. Madrid 45(1): 151-158.)
(syn. *P. negrii* Chiov.)
Sana'a-Hodeida road to summit of Jebel an Nabi Shu'ayb
- Polygala tinctoria Vahl. (8)
(syn. *P. bracteolata* Forssk. non L.).
At Turbah, Dhisufal, Tihama foothills.
- POLYGONACEAE**
- Antigonon leptopus Hook. & Arn. @
Introduced : Cultivated as an ornamental.
- Calligonum comosum Herit. @
(syn. *C. polygonoides* subsp. *comosum* (L Her) Sosk.)
Matfaa – Aden road, Soqotra ?
- Calligonum crinitum Boiss ** subsp. *arabicum* (Sosk.)Sock. عيال
Marib, Harib, Hadhramaut .
- Emex australis Steinh. (7)
Introduced : weed at 1700
- Emex spinosus (L.)Campd. (7)
Highlands e.g. Yerim, Sumarah, Manakha, W. Dhahr, Shibam, Soqotra.
- Oxygonum sinuatum (Hochst. & Steud.) Dammer. (7)
(syn. *O. atriplicifolium* (Meish.) var. *sinuatum*.).
Ibb, Soqotra.
- Perisicaria amphibia (L.)S.F.Gray (7)
(syn. *polgonum amphibium* L.).
Highlands: Sumara, Bani Matar, Yerim, Sanafan.
- Perisicaria barbata (L.) Hara (7)
(syn. *Polygonum barbatum* L., *P. setulosum* A.Rich).

- Rare: Taiz, J. Bura', J. Milhan, al Ahjur, Al H'adiyyah, Assukhnah, Soqotra.
Persicaria decipiens (R.Br.)Wilson (7)
(syn. *P. salicifolia* (Brouss. ex Willd., *Polygonum salicifolia* Brouss ex Willd).
Ibb, al Qa'idah, Hithran (Taiz), J. Milhan, Harz.
- Persicaria glabra* (Willd.) Gomez de la Maze (7)
(syn. *Polygonum glabrum* Willd.).
Haraz, Khawlan Ashsham, Soqotra.
- Persicaria lapathifolia* (L.)Gray. (7,9)
(syn. *Polygonum lapathifolium* L.).
Yerim, Sanafan.
- Persicaria maculosa* Gray. (7,8)
(syn. *P. dolichopoda* (Ohki)Sasak, *Polygonum persicaria* L.).
Ibb, al Ahjur, Sanafan, Attawila, W. Dhahr.
- Persicaria nepalensis* (Meis.)Gross. (7, 8)
(syn. *Polygonum nepalense* Meissner).
Rare: J. Rayma, Wussab al Ali, Ba'adan, J. Ta'aker, Barat, Kusumah.
- Persicaria salicifolia* (Willd.)S.F.Gray. (7)
(syn. *Polygonum salicifolium* Willd., *P. serrulatum* Lag.).
Rare: Hithran (Taiz), al Qaeedah, Ibb, Milhan, Haraz, Hujaylah.
- Persicaria senegalensis* (Meis.)Sojak. (7,8)
(syn. *Polygonum senegalensis* Meiss.).
Widespread from Tihama foothills to highlands.
- Polygonum aviculara* L. (7,8)
Taiz, High altitude mountains.
- Polygonum corrigioloides* Jaub. & Spach.
High altitude mountains: Huth
- Rumex dentatus* L.
High altitude areas: Dhamar, Yerim, Shibam, Dhawran, Khamer.
- Rumex nervosus* Vahl. @ عثرب
Widespread on high altitude areas: e.g. J. Saber, J. Habashi, Ibb, Baa'dan , Yerim,
Kitab, Annajd Al Ahmer, J. Ta'ker, Assayani, Jibla, Dhisufal, Dhamar, Sanaa,
Amran, Hajjah, Khamer, Shibam, Dhawran, Qa'taba, Jihaf, Al Husha, Juban,
Damt, Yafea.
- Rumex obtusifolius* L. (8) عثرب
High altitude mountains:
J. Maswer, Haraz, Attawilah, Dhamar, Kawkaban, Baa'dan.
- Rumex steudelii* Hochst. ex A.Rich. (7,8) تبعل
Rare: High altitude areas: wadi Nakhla (Assayani), J. Ta'ker, S of Mashwara,
Dhisufal , W of Jibla, Arrabadi, Al Jirdad, Sanafan.
- Rumex vesicarius* L. (7,8)
Shihara, Raydah, J. Eraf, Qa Jahran, Abyen, Hadhramaut .

POLYPODIACEAE

- Loxogramme abyssinica* (Swartz.) C.Presl (2)
Soqotra
- Loxogramme lanceolata* (Swartz) C. Presl (7)
Rare: Tihama foothills, Al H'adiyyah, J. Milhan.
- Pleopeltis macrocarpa* (Bory ex Willd.) Kaulf. (7)
Rare: J. Saber, Western mountains, Ba'adan, Hagher (Soqotra).

PORTULACACEAE

- Portulaca commutata* M. G. Gilbert (in Willdenowia 34: 159-182, 2004)
Lahj, Kor Seiban (Hadhramaut), N Fartak (Al Mahara).
- Portulaca constricta* M. G. Gilbert (in Willdenowia 34: 159-182, 2004)
Al Mukalla - Sayun road,
- Portulaca dhofarica* M. G. Gilbert ** (in Willdenowia 34: 159-182, 2004)
Hadhramout: Wadi Al-Muhammedin, Al-Mahra: Jabel Sharwayn J. Fartak.
- Portulaca foliosa* Ker-Gawl. (8)
J. Bura'.
- Portulaca kuriensis* M.G.Gilbert * (2)
Vulnerable: Abdul Kuri .
- Portulaca oleracea* L. @ رجلة، رجنة
Taiz, Tihama foothills, Aden, Abyen, Lahj, Hadhramaut, Abdul Kuri.
- Portulaca quadrifida* L. (7,8) ارينية، رجنة
(syn. *P. hareschata* Forssk., *P. imbricata* Forssk., *P. linifolia* Forssk.)
Tihama foothills, Taiz, Dhamar, Russabah, Aden, J. Al Araes, Abyen, Soqotra.
- Portulaca samhaensis* A.G.Mill. *
Endangered: Samha island
- Portulaca sedifolia* A.G.Mill. *
Endangered: Soqotra
- Talinum portulacifolium* (Forssk.) Aschers. ex Schweinf. (7.)
(syn. *T. cuneifolium* (Vahl)Willd., *Orygia portulacifolia* Forssk., *Portulaca cuneifolia* Vahl.)
Low escarpment, Taiz, Al Mahra: Track from Ghaydah to Hawf, Soqotra.

POTAMOGETONACEAE

- Potamogeton filiformis* Pers. (2)
Soqotra
- Potamogeton natans* L. (8)
SW of Yerim, Sanaa, al Ahjur, Soqotra.
- Potamogeton nodosus* Poir. @ بلسة
(syn. *P. natans* subsp. *plantagineus* Ducros, *P. semicoloratus* A.Benn.)
Tihama, W. al Masha'er (S. of Taiz), Huth, Huf (Al Mahara), Soqotra.
- Potamogeton pectinatus* L. (2)
Soqotra.
- Potamogeton pusillus* L. (8)
At Turbah, Shibam, Manakha, J. Milhan, Huth, al Ahjur.
- Potamogeton schweinfurthii* A.Benn (8)
. Rare: J. Sumarah, J. Manar, Wadi Bana.

PRIMULACEAE

- Anagallis arvensis* L. var. *caerulea* (L.) Gouan @ (8) عين الجمل
At Turbah, Dhisufal, Dhamar, Sanafan, Hadhramaut, Soqotra.
- Anagallis foemina* Miller. (8)
Rare: Assayani, J. Saber, Sumarah, Barat, Kusuma, Haraz, Kuhlan, J. Annabi
Shua'ib, Shibam, Saada.
- Anagallis minima* (L.)E.H.L.Krause. (8)
Rare: J. Ta'aker.
- Anagallis serpens* Hochst. ex DC. (8)
Rare: E. of Dhamar, J. Manar, Sumara.
- Asterolinon adoense* Kunze. (8)
J. Ba'adan.

Lysimachia ruhmeriana Vatke. (8)

Rare : J. kaburah (Al H'adiyyah).

Primula verticillata Forssk. (8)

Hayfan & At Turbah (Taiz), J. Sumara, N of Ibb, Wussab, J. Milhan, J. Alloz, Yerim, Jiblah, Haddah (Sanaa), Amraan, Hajjah , Mukairas.

Samolus valerandi L. (8)

J. Saber & At Turbah (Taiz), Dhisufal, al Qaeedah, Dhamar, Huf (Al Mahara).

PROTEACEAE

Grevillea robusta A.Cunn. ex R.Br. @

Introduced: AREA experimental farm, Taiz

PSILOACEAE

Psilotum nudum (L.)P.Beauv. (7)

At Turbah: S. Taiz, J. Milhan, al Mahwit, Al H'adiyyah, Ba'adan.

PTERIDACEAE

Pteris cretica L. (7)

(syn. *P. obliqua* Forssk., *P. semiserrata* Forssk.)

J. Saber, Ba'dan J. Kaburah, Al H'adiyyah, J. Milhan, Al Mahwit, Soqotra, .

Pteris dentata Forssk. @

(syn. *P. serrulata* Forssk, *P. arguta* Ait.var. *flabellata* Mett.).

Taiz, Sanaa, Dhamar, Shibam, Dhisufal, Manakha.

Pteris quadriaurita Ret. (2)

(syn. *P. catoptera* Kunze).

Al H'adiyyah,, J. Bura', J. Milhan, Soqotra.

Pteris vittata L. (2,8)

(syn. *P. obliqua* Forssk., *P. longifolia* L.).

Medium to highlands e.g. Dhisufal, J. Milhan, Manakha, Ashawaet', Muthaikhira, Hajjah, Soqotra, Hadhramaut, Al Mahara.

PUNICACEAE

Punica granatum L. @ رمان

Cultivated,

Punica protopunica Balf.f. * @

Vulnerable: Soqotra.

RANUNCULACEAE

Adonis dentata Del. (7)

Al Ahjur.

Clematis hirsuta Guill. & Perr. @ ذيقع، شريج

(syn. *C. incisodentata* A.Rich, *C. wightiana* Wall.).

Taiz, Ibb, J. Al Arays (Abyen).

Clematis longicauda Steud. ex A.Rich. (7)

J. Nasser (Hajjah).

Clematis simensis Fresen. @ شريج، فيقع

Highlands e.g. J. Saber, Wadi Shalalah, Muthaikhira,.

Nigella sativa L. @ حبة السوداء

Cultivated: Qa Bakil, Arhab, Hadhramaut.

Ranunculus multifidus Forssk. (7,8)

(syn. *R. forskoehlii* DC.).

Yerim, Sanafan.

Ranunculus rionii Lagg. (7,8)

(syn. *R. trichophyllus* Chair var. *rionii* (Lagg.)Rikl.).

Yerim.

Thalictrum minus L. @

◦Adhabab, At Turbah, W of Jibla, Wussab, Eryan.

RESEDACEAE

Caylusea abyssinica (Fresen.) Fisch. & Mey. (7,8)

Rare: Al jabin-Assalafiyah, J. Rayma.

Caylusea hexagyna (Forssk.) M.L.Green. @ بر الجمل

(syn. *C. canescens* A.St.Hil., *C. jaberii* Abedin, *Reseda hexagyna* Forssk.).

N. of al Qaedah, Dhamar, Sanaa, J. Annabi Shua'ib, Bani Mater, Manakha, Yafea, Hadhramaut, Soqotra.

Ochradenus arabicus Chaud. Hillc. & Mill. (in Not. RBG Edinb: 41(3): 494)

Hadhramaut, Abyen, Al Mahara.

Ochradenus baccatus Del. @ قرصي، قين، ير الجمل، حرشية، عضة الجمل، مشط الحدا، كسار جيشو

(syn. *O. baccatus* Del. var. *monstrosa* Muell., *O. baccatus* Del. var. *scandens* Hochst. & Steud. Ex Muell)

Taiz, Al Qae'ida, Yarin, Muteikhira, Baa'dan, Sanaa, Yeslih, Manakha, Dhamar, Qa'tabah, Demt, Ashue'ib, Juban, Al Hussein, Adadale', Al Husha, Jihaf, Shabwa, Hadhramaut, al Mahara

Ochradenus gifrii Thulin. ** (in Nord. J. Bot. 14(4): 383-384 (1994)

Al Mahara, Sayhut-Qishin, Hadhramaut.

Ochradenus socotranus A.G.Mill * (2)

Soqotra, Samha.

Ochradenus spartioides (Schwartz) Abdulla. * (7)

(syn. *Ranodonia spartioides* Schwartz).

Rare: J. Gedu: Shabwa, W. Himam above al Mukalla (Hadhramaut).

Oligomeris linifolia (Vahl)J.F.Macbr. (7,8)

(syn. *O. subulata* Webb.)Boiss.

Sanaa, Arhab, Radaa.

Reseda alba L. subsp. *decursiva* (Forssk.)Maire. (7)

(syn. *R. decursiva* Forssk.)

Low altitude areas, W of Taiz .

Reseda amblyocarpa Fresen. var. *adenensis* Perk. (7)

Aden, ArRayan-Sayun road.

Reseda sphenocleoides Defl. ** (1,7,8)

Al Hujariyah, W of Arrona (N of Taiz), Mawiya-Al Janad road, Aden, Lahj, Dhamar, Radaa, Sa'dah, Al Mahabisha, Bani Al Hareth-Nihm, W. Dhahr, Sanaa-Marib road, Demt, Jihaf, Qa'tabah, Al Hus'ain, Ras Huweira, Hadhramaut, Al Mahara.

Reseda spinescens Schwartz (ref. The herbar. of al Kod)

Abyen, Yafea, Adhale' , al Mahara.

Reseda viridis Balf.f. * (7)

Soqotra

RHAMNACEAE

Berchemia discolor (Klotzsch)Hemsl. @ تمار

(syn. *phyllogeiton discolor* (Klotzsch)Herzog).

Tihama foothills, W of Taiz, middle altitude mountains.

Helinus integrifolius (Lam.) Kuntze (8)

(syn. *H. arabicus* Jaoub. & Spach).

- Sharab, al Misrakh (Taiz), Al U'deyn, J. Gedu (Shabwa), Kor Seiban (Hadhramaut), Soqotra.
- Rhamnus prinoidea L'Herit. (8)
Highlands e.g. J. Habashi, J. Ba'adan, Kusumah, J. Raymah, J. Milhan, Al H'adiyyah.
- Rhamnus staddo A.Rich. var. deflersii (Schweinf.)Chiov. @ جدب، حمك، حوحریت
میطین(حوف)
Taiz, J. Saber, Al Hujeriyah, Assayani, W of Jibla, Mutheikhira, Dhisufal, Al Qae'ida, Sanaa-Al Hudaydah, W. Adduf, Qa'tabah, al Husha, Demt, J. Al Arays (Abyen), Huf.
- Segetaria thea (Osborn) M.S.John. @ شرز، زرب، عوسج، مسرب، كهن، حنة الرباح، عنمنم، نمم
(syn. *S. brandrethiana* Aitch. var. *bornmuelleri* Schneider, *S. spiciflora* (A.Rich.) Hutch & Bruce, *Berchemia yemensis* Defl.).
Tihama foothills, western scarpment, J. Saber, Jibla, Ibb, Hubeish, Dhamar, Sanaa, J. Rimah, Hajjah, Ibb, Shibam, W. Bana, Qa' Al haql, J. Al Arays (Abyen), Hadhramaut, Huf: Al Mahara.
- Ziziphus leucodermis (E.G.Baker) Schwartz. ** حبض (1,4)
(syn. *Rhamnus leucodermis* Bak.)
Hadhramaut, Al Mahara, Shabwa.
- Ziziphus jujuba Mills. @
(syn. *Z. vulgaris* Lam.).
Introduced: Cultivated.
- Ziziphus lotus (L.)Lam. (3)
Introduced: Cultivated: Ataq-Bayhan (Shabwa), Ghayl Bawezir and Wadi Al Ayn (Hadhramaut).
- Ziziphus mucronata Willd. @ سدّار، علّاب
Tihama foothills, Adhabab and Al Hujerya (Taiz), Addalil, Al Manazel, western middle altitude mountains, S of Ibb,
- Ziziphus nummularia (Borm.f.)Wight & Arm. (3)
(syn. *Z. rotundifolia* Lam.)
J. Bura'.
- Ziziphus spina-christi (L.) Willd. @ سدر، علب، عرج، دوم
Throughout the country.
- RHIZOPHORACEAE**
- Rhizophora mucronata Lam. (8)
Rare: Coastal areas. Medi, Alluhayyah.
- ROSACEAE**
- Alchemilla cryptantha Steud. ex A. Rich. (7,8)
J. Saber, J. Rayma, Mankhah, J. Annabi Shua'ib.
- Cydonia oblonga Miller. @ سفرجل
(syn. *C. vulgaris* Pers., *Pyrus cydonia* L.,)
Cultivated in highlands.
- Cotoneaster nummularia Fisch. & C.Mey. (7)
Hilyal (Sumara).
- Malus sylvestris Miller. @ تفاح
(syn. *M. communis* Poir., *Pyrus malus* L.)
Cultivated.
- Potentilla dentata Forssk. @
J. Saber, Ibb, J. Maswer, Manakha, J. Sumara.

Potentilla reptans L. (7,8)

(syn. *P. Abyssinica* A. Rich.)

Ibb, Yerim, NW of Al Mahwit, Khawlan Ashsham.

Prunus armeniaca L. @ برقوق، مشمش

(syn. *Armenica vulgaris* Lam.)

Cultivated: Sanaa, Shibam.

Prunus domestica L. @ أنجاس

Cultivated: Sanaa, Shibam.

Prunus dulcis (Mill.)D.A.Weeb. @ لوز

(syn. *Amygdalus communis* L. A. *dulcis* Miller, *Prunus amygdalus* Batsch, *P. communis* (L.)Arcang.)

Cultivated: Sanaa.

Prunus persica (L.)Batsch. @ فرسك

(syn. *Amygdalus persica* L.)

Cultivated: e.g. Sanaa, J. Saber.

Pyrus communis L. subsp. *sativa* (DC.) Hegi. @ عمبروت

Cultivated: al Hada, Sanaa.

Rosa abyssinica R.Br. ex Lindl. @ عشق، حوجم، زرب

(syn. *R. bottaiana* Boulen., *R. moschata* Herrm. var. *abyssinica* (Lindley) Crepin, *R. schweinfurthii* Boule.

High lands e.g. J. Saber, Sumara, Mutheikhira, Dhisufal, Ba'dan, Sanaa, Dhamar, Hajjah, Amran.

Rosa barbeyi Boul. * (7)

Low altititude mountains

*Rosa x bifer*a (Poir.) Pers. (8)

Introduced: Cultivated. Sanaa.

Rubus apetalus Poir. (7) حميص

(syn. *R. exsuccus* A. Rich, *R. petitianus* A. Rich., *R. quartinians* A. Rich).

Ibb, Dhisufal.

*Rubus arabis*cus (Defl.) Schweinf. * (7,8) حنطفيس، توت بري، عنفيس

(syn. *R. glandulosus* Bell. var. *arabicus* Defl.)

Haraz, J. Milhan, Shibam, Kuhlman.

Rubus caesius L. (7,8)

Al Mihwit, Bani Mater, W. Dhahr, al Ahjor, Attawilah.

RUBIACEAE

Anthospermum herbaceum L.f. (8)

(syn. *A. muriculatum* Hochst. ex A. Rich.).

Highlands e.g. Dhisufal.

Breonadia salicina (Vahl) Hepper & J.R.I.Wood. @ ذراح، دندل

(syn. *B. microcephala* (Del.) Ridsd. *Adina microcephala* (Del.) Hiern.).

Tihama foothills (e.g., J. Bura'), W. al Mua'ten (J. Rayma), S of Taiz, Al U'deyn, Baa'dan, Hajjah, Utuma.

Canthium schimperianum A. Rich. (8) شقص، شبيص

(syn. *Plectronia schimperiana* (A. Rich.) Vatke).

Ibb, Al U'deyn, al Mihwit, al Mahabishah, Utuma, J. Razeh, Mirran..

Carphalea obovata (Balf.f.) Verdc. * (2@) شبيط، شبيط

(syn. *C. glaucescens* (Hiern.) Vatke. *C. obovata* var. *albescens* Balf.f., *Dirichletia lanceolata* Balf.f., *D. obovata* Balf.f., *D. Glaucescens* Hiern, *D. venulosa* Balf.f., *Plectronia bagosensis* Martelli).

- Soqotra.
Coffea arabica L. @ بن
Cultivated : meddle altitude areas.
- Coptosperma graveolens (S.Moore) Degreeef subsp. arabicum (Cuf.) Degreeef. (in Syst. Geogr. Pl. 71:367-382, 2001)@ صر، ببیس، صلیة، ثوب، رماح
(syn. *Tarenna graveolens* (S. Moore) Bremek. ssp. *arabica* (Cuf.) Bridson, T. boranensis Cuf. subsp. *arabica* Cuf)
Bani Umar, Ases (S. of Taiz), J. Bura', J. Gedu (Shabwa), J. Al Arays (Abyen), Huf, Qa'tabah, Hadhramaut.
- Diodia aulacosperma K.Schum. (2)
Soqotra
- Gaillonia aucheri (Guill.) Jaub. and Spach
(syn. *Jaubertia aucheri* Guill.) (1)
Hadhramaut .
- Gaillonia calycoptera (Decne.)Lincz. (in Nord. J. of Bot. 18(1): 31-38 (1998).
(syn. *Neogaillonia calycoptera* (Decne.)Puff, *Pterogaillonia calycoptera*. (Decne.)Lincz.).
Rare: Highlands e.g. Nuqum, J. Shamsan, W. Dhahr.
- Gaillonia jolana Thulin. * (in Nord. J. of Bot. 18(1): 31-38,1998)
Jol plateau N of al Mukalla, Jol above Mahdi Pass (Hadhramaut), J. Gedu (Shabwa), Soqotra.
- Gaillonia puberula Balf.f. * @ ظرط هینتن (in Nord. J. of Bot. 18(1): 31-38 (1998).
(syn. *Neogaillonia puberula* (Balf.f.) Lincz).
Soqotra.
- Gaillonia putorioides (A.R.Smith)Thulin. * ظرط هینتن (in Nord. J. of Bot.18(1):31-38 (1998)
(syn. *Jaubertia putoroides* A.R. Smith , *Neogaillonia putoroides*(A.R.Smith) Lincz).
Soqotra.
- Gaillonia thymoides Balf.f. * ظرط هینتن (in Nord. J. of Bot. 18(1): 31-38 (1998).
(syn. *Neogaillonia thymoides* (Balf.f.) Lincz.).
Soqotra.
- Gaillonia tinctoria Balf.f. * ظرط هینتن (in Nord. J. of Bot. 18(1): 31-38 (1998).
(syn. *Neogaillonia tinctoria* (Balf.f.) Lincz).
Soqotra.
- Gaillonia yemenensis Thulin ** (in Nord. J. of Bot. 18(1): 31-38 (1998)
SW Zabid Jabal Ras, Kawr sayban and Mola Matar (Hadhramaut) , Awdillah plateau (Abyen).
- Galium kahelianum Deflers. * (8)
Arribat (Yerim), Hissn Madnam (Wussab al Ali), His'n Hab (Ba'adan).
- Galium setaceum Lam. subsp. decaisnei (Lam.) Boiss. (2)
Soqotra.
- Galium spurium L. subsp. africanum Verdc. (8)
(syn. *Galium aparinoides* Forssk., *G. aparine* var. *hamatum* (Hochst.) Hook) (8)
J. Saber, J. Maswer, Ibb, Huf: Al Mahara, Soqotra.
- Galium tricorutum Dandy. (8)
high mountains e.g. J. Saber, J. Maswer, al Mahwit, Bawan, Waalan, Yerim.
- Galium yemense Kotschy. ** (4)
Western highlands.

- Kohautia aspera* (Heyne ex Roth) Bremek. (8)
(syn. *Oldenlandia strumosa* (A.Rich.) Hiern., *O. aspera* (Roth) DC.).
Tihama & foothills, Taiz, Ibb, Rihab-Wussab, Hajjah .
- Kohautia caespitosa* Schnizl. (8)
(syn., *Kohautia sarcophylla* (Chiov.) Bremek., *Oldenlandia schimperi* (C.Prest.) T.Anders *O. sarcophylla* Chiov.).
Tihama & foothills, al Mahwit, Rihab, Wussab, J.Bura', Damt, Radaa, Sa'dah, Hadhramaut .
- Kohautia coccinea* Royle (8)
(syn. *Oldenlandia ledermannii* K.Krause, *O. abyssinica* (Hochst. ex A.Rich.) Hiern
Ibb, Jiblah.
- Kohautia retrorsa* (Boiss.) Bremek. @
Hadhramaut
- Kohautia socotrana* Brem. * (2)
Soqotra.
- Kohautia subverticellata* (K.Schum.) Mantell (2)
Soqotra
- Kraussia socotrana* Bridson * (2)
Soqotra.
- Oldenlandia aretioides* Vierh. * (2)
Soqotra
- Oldenlandia balfourii* Bremek. * @ حَشَاك
(syn. *Hedyotis stellarioides* Balf.f.)
Soqotra.
- Oldenlandia bicornuta* (Balf.f.) Bremek. * @
(syn. *Hedyotis bicornuta* Balf.f.).
Soqotra.
- Oldenlandia corymbosa* L. var. *caespitosa* (Benth.) Verdc. (8)
(syn. *O. caespitosa* Hiern, *Oldenlandia caespitosa* Hiern var. *subpedunculata* (O.Kuntze) Bremek.)
Al U'deyn, al Mahwit, Soqotra.
- Oldenlandia herbacea* (L.) Roxb. (2)
(syn. *O. heynei* Olive).
Soqotra.
- Oldenlandia ocellata* Bremek. * (2)
Abdul Kuri.
- Oldenlandia pulvinata* (Balf.f.) Bremek. * (2)
(syn. *Hedyotis pulvinata* Balf.f., *O. Pulvinata forma congesta* Vierh.)(2)
Soqotra, Samha.
- Pavetta longiflora* Vahl. subsp. *longiflora* ** @ شِوَاْف، بِن الرِّبَاْح، بَلِيْسَان، عَرِيْب، اَشْب، شِيْق
(syn. *P. arabica* Brenek, *P. deflersii* Bremek.).
Taiz, At Turba, J. Saber, Assayani, Al Qae'da, Ibb, Dhisufal, As Sayani, al U'deyn, al Qae'ida, Ibb, Rayma, Jihaf, Al Hus'ain, Ashue'ib, Adhale' .
- Pavetta villosa* Vahl. (8)
(syn. *P. gloveri* Bremek., *P. gillilandii* Bremek.)
Rare: Kusumah, Al H'adiyyah, Ba'adan.
- Pentas lanceolata* (Forssk.) Benth. & Hook. (8) عَزْف
Al Hujariyah, Dhisufal, Kuhlan Affar.

- Pentodon pentandrus (Schum. & Thonn.) Vatke. (8)
(syn. *Oldenlandia macrophylla* DC., *Pentodon abyssinicus* Hochst)
. Taiz, central escarpment.
- Placopoda virgata Balf.f. * @ تيفط
(syn. *P. virgata* var. *nana* Balf.f.)
Soqotra.
- Pyrostria phyllanthoidea (Baill.) Bridson (in Willdenowia 32: 239-269, 2002)
(syn. *Canthium phyllanthoideum* Baill, *C. bogosensis* (Mart.) Penzing, *Rytigynia phyllantoidea* (Baill.) Bullock.). (8)
NE of Taiz, Al Hujariyah, J. Sawraq, J. Bura', Sharaab, Al U'deyn, Assayani, Ibb, Dhisufal, Ussab al Ali, al Mahwit, al Mahabishah, N fartak and Hawf Mts, NW of Jadib (Al Mahara).
- Pyrostria socotrana (Radcl.-Sm) Bridson * (2) حاحير
(syn. *Canthium socotranum* A.R.Smith)
Soqotra
- Rubia tinctorum L. (8) فواح
Cultivated. as dye
- Spermaceoce sphaerostigma (A.Rich.)Vatke. (8)
(syn. *Arbulocarpus sphaerostigma* (A.Rich.)Tennant).
At Turbah, Ibb, Al U'deyn, Dhisufal.
- Tamridea capsulifera (Balf.f) Thulin & B.Bremer * @ حارشيم
(syn. *Mussaenda capsulifera* Balf.f., *Pseudomussaenda capsulifera* (Balf.f.)Wernham.).
Soqotra.
- Wendlandia arabica Defl. subsp. arabica (8) صراع
Rare: Warazan, Al Hujariyah, Hadhramout: Wadi Araf, near village Haglay.
- Valantia hispida L. (2)
Soqotra.
- RUPPIACEAE**
- Ruppia maritima L. subsp. rostellata Koch. (8)
Taiz, Soqotra.
- RUTACEAE**
- Citrus aurantifolia (Christum) Swingle. @ ليم حامض
Cultivated
- Citrus aurantium L. (8) تنجة
Cultivated: Al Rahidah, Soqotra.
- Citrus deliciosa Ten. @ يوسفى
Cultivated .
- Citrus limetta Risso. (8)
(syn. *C. limonia* Osbeck var. *pusilla* Risso.).
Cultivated
- Citrus limon (L.) Burm.f. @ ليمون
Cultivated .
- Citrus medica L. @ ترنج
Cultivated.
- Citrus sinensis (L.) Osbeck. @ برتقال
Cultivated
- Haplophyllum tuberculatum (Forssk.) A.Juss. Bukta. (8) سم الكتان

(syn. *H. haussknechtii* Boiss., *H. villosulum* Boiss., *Ruta obovata* (Steud.)
Schwartz), *Ruta tuberculata* Forssk., *Ruta glabra* DC., *Ruta propinqua* (Spach)
O. Schwartz).

Aden, Al Boun, Harf Sufyan, Nihim, Marib, Rada'.

Ruta amoena Schwartz. * (@ 3) رصرناخ

Hadhramaut e.g. J. Ghureyba south Duqm

Ruta chalepensis L. @ شذاب، سذاب، فيجل

J. Saber, Samae, near Kusuma, Soqotra.

Teclea nobilis Del. @ ضرم، ضرم

Taiz, Ibb, Al U'deyn, W. Mouna (w. of Dhamar), N of Addalil, E of Ibb, Dhisufal
, Qa'taba, Jihaf.

Thamnosma hirschii Schweinf. (3, 2)

Soqotra

Thamnosma socotrana Balf.f. (2)

Soqotra.

SALICACEAE

Salix alba L. (8)

Taiz, Aden.

Salix mucronata Thunb. @

(syn. *S. subserrata* Willd).

Introduced. Taiz, Yerim, W. Bana, W. Dhahr, J. Annabi Shua'ib, Waalan.

Salix pentandra L. (8)

Raydah.

SALVADORACEAE

Azima tetraacantha Lam. (ref. Thulin, M. et al. 2001)

Al Mukalla-Sayun road, Hadhramaut, Ras Fartak (Al Mahara).

Dobera glabra (Forssk.) Poir. @ ظير، ضير، دبير، دبر

Tihama & foothills, low western mountains, Ashueib, Al Husa, Al Azareq.

Salvadora persica L. @ أراك، راک، إرهک، هدل

Widespread: Tihama plain, Tihama foothills, low western mountains, al
Maraqisha (Abyen), Marib, Hadhramaut, al Mahara, Soqotra.

SANTALACEAE

Osyris quadripartita Decne (@, 8) صندل

(syn. *O. abyssinica* Hochst ex Streed., *O. lanceolata* Hochst. & Steud., *O. arborea*
Wall, *O. pendula* Balf.).

Tihama foothills, Shahara, Hajjah, H'adiyyah, Above Darho (Soqotra).

Osyris sp. A. sensu Miller & Cope ** (in Willdenowia 32: 239-269, 2002)

Al Mahara: Huf.

Thesium radicans Hochst. ex A.Rich. (7,8)

Ibb, J. Maswer, J. Milhan, Qaa al Haql, al Mahara.

Thesium stuhlmannii Engl. (7,8)

Al H'adiyyah, J.Raymah.

SAPINDACEAE

Allophylus rubifolius (Hochst.)Engl. @ شيرز

Tihama foothills, western low mountains e.g. Haraz, Milhan, Rhaymah, Bura', al
Mahara.

var. *Rhusiphyllus* زرکن

Soqotra

Dodonaea viscosa L. (شهت، شهس، ضرور، زرکين (حوف)

(*syn. D. angustifolia L.f., D. thunbergiana Radlk.*)
Tiham foothills, Taiz, Haraz, w. of Dhamar, Ibb, medium altitude mountains,
Abyen, al Maraqisha (Abyen), J. Gedu (Shabwa), Hadhramaut, al Mahara,
Soqotra.

Cardiospermum corindum L. (8)

J. Rayma, J. Milhan, J. Bura', Haraz.

Cardiospermum halicacabum L. (8)

Tihama foothills, al Hujariyah, Khawlan Ashsham.

Pappea capensis Eckl. & Zeyh. (ref. Thulin, M. et al. 2001)

Rare: J. Gedu (Shabwa), Kor Seiban and from Al Mukalla to Bayn al Jibal
(Hadhramaut).

Sapindus trifoliatus L. (3) جوز الغسيل الهندي

Cultivated.

SAPOTACEAE

Manilkara zapota (L.)Roye. (3) العباسي، شجرة التشيكو

(*syn. Achras sapota*).

Cultivated.in Lahj, Usseifera farm (Taiz), and Aden

Mimusops laurifolia (Forssk.)Friis. @ نبخ، لبخ

(*syn. M. schimperi A.Rich.*).

Tihama foothills, low altitude mountains e.g. J. Bura', Al H'adiyyah, Milhan,
Haraz, al Mehwit, J. Al Arays (Abyen), J. Gedu (Shabwa).

Sideroxylon fimbriatumb Balf.f. * (2,6)

Soqotra

Sideroxylon mascatense (A.D.C.) T.D. Penn. (in Willdenowia 32: 239-269, 2002) ظلام ، يلق

(*syn. Edgeworthia buxifolia Falc., Monotheca buxifolia (Falc.)A.DC. Reptonia muscatensis (A.DC.)Radlk. ex O.Schwartz, Sideroxylon buxifolia Hutch, S. aubertii A.Chev. Spiniluma buxifolia (Hutch.) Aubrév.,*)

Rare: J. Thujan al Qabbayta, Assumeided Saber (Taiz), Al Azareq, Al-Mahra:
Fartak Mts Hadhramaut.

Spiniluma discolor (A.R. Smith.) I.Friis. * (2)

(*syn. Sideroxylon discolor Radcl.-Sm.*)

Soqotra

Spiniluma oxyacantha (Baill.)Aubrev. (8) جروم

(*syn. Sideroxylon oxyacantha Bail.*).

Ibb, J. Ayfue, J. Manar, Sa'dah, Raymah, al Mahara.

SCROPHULARIACEAE

Alectra parasitica (Hochst.) A.Rich. (8)

At Turbah, J. Ta'aker, , Huf (Al Mahara).

Alectra sessiliflora (Vahl.)Kuntze

(*syn. A. arabica Defl.*).

var. *senegalensis (Benth.) Hepper.* (8)

J. Saber, Ibb, Jiblah, al Mahwit, J. Ta'aker.

Anarrhinum forskahlii (J.F.Gmel.) Cuf. @ بر الجمل، سيلة النسم

(*syn. A. orientale Benth.*).

Yeslih, Sanaa, Dhamar, Wadi Dhahr.

Anticharis arabica (Hochst. & Steud.) Endl. (8)

Tihama foothills, between al Mafraq & Nuqaybah (w. of. Taiz), Radfan (Lahj),
Aden, al Maraqisha (Aden), Soqotra, Abdul Kuri, Samha.

Anticharis glandulosa (Ehrenb. & Hempr.) Aschers. (3) @ إحتيكة

- Aden, Abyen, Lahj , Radfan, Hadhramaut , Soqotra.
Anticharis senegalensis (Walp.) Bhandari خزيمة
(syn. *A. linearis* (Benth.) Hochst. ex Asch. (8), *A. longifolia* Marloth & Engl.,
A. azurea Dinter ex Schinz)
Tihama & foothills, W. Yur (Milhan), Shaharah, Shamlan, Sanaa, Marib, Abyen,
Lahj, Hadhramaut: Jol plateau, Wadi Yirib close to Ghayl bin Yamin.
- Antirrhinum majus* L. (8) فم السمكة
Cultivated as garden plant in Sanaa as ornamental
- Aptosimum pumilum* (Hochst.) Benth. @,
Highlands: Sa'dah, Lawdar, Dhamar, Amran, Nogad plain, Hadhramaut,
Hadhramout: Tarim-Thamud road, Qaarah (Soqotra).
- Bacopa monniera* (L.)Wettst. @ حيدبية، بريين بري
(syn. *Herpestes monniera* (L.) H.B.K.).
Tihama, Taiz, Al U'deyn, Radfan, Bates (Abyen), Lahj, Sayun, Tareem, Soqotra.
- Bartsia longiflora* Benth. (8)
V. rare: Sumara.
- Bellardia trixago* (L.)All. (8)
(syn. *Bartsia trixago* L.).
Al H'adiyyah, Kusumah, Raymah.
- Buchnera hispida* Buch.-Ham. (8)
Rare: Ibb, Milhan, al Jaafariyah (Raymah), Huf (Al Mahara),.
- Camptoloma lyperiiiflorum* (Vatke) Hilliard (2)
(syn. *C. villosa* Balf.f., *C. liperiflorum* (Vatke) Wettst., *Chaenostoma oxypetalum*
Wagner & Vierh.)
Soqotra, Samha.
- Campylanthus antonii* Thulin * (in Nord. J. Bot. 15(2): 191-192 (1995)
Sayhut-Al Qishn road (Al Mahara)
- Campylanthus chascaniflorus* A.Miller. ** (in Not. RBG. Edinb. 38(3):380(1980).
Al Mahara
- Campylanthus hubaishanii* N. Kilia & P. Hein. * (in Willdenowia 32: 271-279, 2002)
Rare: S Fartak mountains (Al Mahara)
- Campylanthus junceus* Edgeweirth. (8)
Rare: Radaa, al Baydha, Harib, J. Shamsan (Aden), w of Aden, Ataq-Al Mukalla
road, north al Mukalla, w of Shuqra and above Maadi (Hadhramaut) .
- Campylanthus pungens* Schwartz.. ** (8) سيواق
Dhamar. J. Shamsan, Abyen, Hadhramaut .
- Campylanthus spinosus* Balf.f. (2)
Soqotra, Abdul Kuri, Samha.
- Campylanthus yemenensis* A.G.Miller. * @ درد
Tihama & foothills, Al Mafraq (W of Taiz)
- Craterostigma plantagineum* Hochst. (8)
Harz, Huth, W. Dhahr, J. Ashsharq, Al H'adiyyah.
- Craterostigma pumilum* Hochst. @ أححسن
Widespread on Highlands e.g. Dhamar, Soqotra.
- Cycniopsis himifusa* (Forssk.) Engl. (8)
Ibb, Aduf, Al U'deyn, Hajjah , Raymah, al Mehwit, Haraz.
- Cycniopsis obtusifolia* Skan. (5)
Jiblah.
- Graderia fruticosa* Balf.f. * @ بيشي

- Soqotra.
Halleria lucida L. (8) شبراد
Rare: W. Ahjor.
Harveya obtusifolia (Benth.) Vatke. (8)
V. rare: Assalafiyah (Raymah).
Kickxia acerbiana (Boiss.) Taeckh. & Boulos. (8)
Rare: s. of Mamar.
Kickxia asparagoides (Schweinf.)Cuf. (8)
(syn. *Linaria asparagiodes Schweinf.*).
Shaharah, Madan.
Kickxia elatine (L.) Dumont.
(syn. *Elatinoides elatine (L.)Wett.*)
subsp. *crinita* (Mabille)W.Greuter. @
W. Adhabab(Taiz), Ibb, Sanaa.
Kickxia heterophylla (Schousb.) Dandy. (3)
(syn. *Linaria sagittata (Poir.)S.D.Hook.*).
Sayhut-Qashin road
Kickxia macilenta (Decne.)Danin. (3) (Doubtful record) ?
(syn. *Linaria macilenta Decne.*).
Kickxia petiolata D.Sutton. * (8)
Shara'b, Al Ayfu'a, Muthaikhira (Taiz), Al U'deyn.
Kickxia pseudoscoparia D.A.Sutton. (1) ?
Abyen, Hadhramaut .
Kickxia qaraticus D.A.Sutton. ** (3)
Abyen ?
Kickxia sabaea D.Sutton. (8)
J. Dhawran, Yesleh, S. of Sa'dah, Bani Hushaysh.
Kickxia sabarum V.W.Sm. & D.A.Sutton. * (4)
Northern highlands, NW Dhamar
Kickxia saccata D. A. Sutton. (8)
Rare: J. Ras.
Kickxia scalarum Schweinf. ex D.Sutton. * (8)
Shara'b Assalam (Taiz), Dhisufal, Haraz : J. Shibam, J. Masar, J. Sa'fan and Usil
Ashaawaet, J. Milhan, W. Yur, Al Mahwit.
Kickxia spiniflora (Schwartz)D.A.Sutton. * (4)
NW Ash shihr (Hadhramaut)
Kickxia woodii D.A.Sutton. * @
Al Hujaryia: Taiz.
Limosella africana Gluck. (8)
Rare: Sumara, J. Hubaysh, Kawkaban, J. Ashsharq, Haraz, al Mehwit, J. Masaar.
Limosella macrantha R.E.Fries. (8)
Rare: J. Manar, J. Hubaysh.
Lindenbergia indica (L.) Kuntze. @
(syn. *L. abyssinica Hochst ex Benth, L. sinaica (Decne.) Benth.*).
Rare: Bani Shayba area: S. of Taiz, W. Assukhnah, al Mahabishah, Shaharah,
Hadhramaut .
Lindenbergia muraria (Roxb.) Brühl (in Willdenowia 34: 159-182, 2004)
Huf (Al Mahara)
Lindenbergia sokotrana Vierh. * (2)

- (syn. *L. kuriensis vierh.*, *L. paulayana Vierh.*)
Soqotra.
- Mimulus gracilis R.Br. (8)
V. Rare: Ibb, J. Hubaysh, Sumara.
- Misopates orontium (L.)Raf. @
(syn. *Antirrhinum ororetium (L.)Raf.*)
Dhamar, Russabah, Raydah, Soqotra.
- Nanorrhinum hastatum (Benth.) Ghebrehewit (2)
(Syn. *Kickxia hastata (R.Br. ex Benth.)Dandy*, *Linaria hastata R.Br.*)
Taiz, Soqotra.
- Nanorrhinum kuriensis (Radcl.-Sm.) Ghebrehiwet * (2)
(syn. *Kickxia kuriensis A.R.Smith.*)
Abdul Kuri, Samha.
- Schweinfurthia latifolia (.Baker.ex) Oliver * (ref. Miller, A.G. et al (1982).
(syn. *S. pterosperma (A.Rich.)A.Braun var. latifolia (Bak.)Rothm.*)
Hadhramaut , near al Mukalla, W. Bani Ali, al Hudaidha, al Mahara.
- Schweinfurthia papillionaceae (L.) Boiss. (ref. Miller, A.G. et al (1982).
(syn. *Antirrhinum glaucum (Stocks ex)Wight*, *A. papilionaceum L.*, *Orontium papilionaceum (L.)Pers.*, *S. sphaerocarpa (Benth.)A.Braun.*)
Sayun (Hadhramaut).
- Schweinfurthia pedicellata Benth. & Hook. (2)
(syn. *Anarrhinum pedicellatum T.Ander.*, *A. apterum Vatke*, *A. pedicellare Bentham*, *Schweinfurthia pedicellaris (T.Ander.)Wetts.*)
Tihama, al Jawf, al Mukalla, Aden, Abyen, Soqotra.
- Schweinfurthia pterosperma (A.Rich.) A.Braun. (ref. Miller, A.G. et al (1982).
(syn. *Antirrhinum pterosperma A.Rich.*, *S. pterosperma var. latifolia Rothm.*)
Between Haradh & Medi: Tihama plain, Bir Ahmed.
- Schweinfurthia spinosa Miller, Sutton & Short. ** (in notes RBG Edinb. 40(1):37
(1982).
NE of Ar Rayan (Hadhramaut), Al Ghaydha .
- Scrophularia arguta Ait. (8)
At Turbah, Bura', Milhan, Haraz, al Mahwit, Soqotra.
- Scrophularia deserti Del. (8)
Rare: J. Annabi Shua'ib, Sanaban, Shamlan.
- Scoparia dulcis L. (8)
V. rare: W. Sukhnah, Suq al Jammah.
- Striga angustifolia (D.Don) Saldanha (in Willdenowia 32: 239-269, 2002)
Al Ghaydha-Huf road (Al Mahara).
- Striga asiatica (L.) Kuntze. (8)
(syn. *S. hirsuta Benth.*)
Bagel, Taiz, Ibb, Yerim, Raymah, J. Annabi Shua'ib, Yafea, Hadhramaut, Soqotra.
- Striga densiflora Benth. (2)
Soqotra
- Striga aspera Benth. (5)
J. Ta'aker Jiblah.
- Striga gesnerioides (Willd.) Vatke. @ فجّل الأرض
(syn. *S. orabanchoides Benth.*)
Taiz, Jiblah, E of Ibb, W of Dhisufal, Huth, Soqotra.
- Striga hermonthica (Del.) Benth. @ عذار، عذار

- Tihama, Taiz, Modia (Abyen).
Striga yemenica Mussel. & Hepper. (8) عدار
Ibb, Wussab al Ali, Kusuma, Raymah.
Verbascum bottae (Defl.) Huber-Mor * (8)
(syn. *Celsia bottae* Defl.).
At Turbah (S of Taiz), Yerim, Kuhlan, al Mahwit, Tina;m, Khawlan, His'n Hab
(Ba'dan), Al Makhadr.
Verbascum longibracteatum Defl. (3)
Hadhramaut
Verbascum luntii E.G.Baker. * (4)؟ سمع الحمار
Rare: Hadhramaut .
Verbascum melhanense (Murb.) Huber-Mor. ** (8)
(syn. *Celsia melhanensis* Murb.).
J. Milhan, J. Marran, Manakha, U'sil, J. Masar in Haraz, Shaharah, J. Razeh.
Verbascum sinaiticum Benth. @
(syn. *V. somaliense* Baker, *V. erianthum* Benth., *V. nubicum* Murb.)
Taiz, Dhisufal, al Qa'idah, al Mahwit, Sanaa, Radhma.
Verbascum yemense Defl. ** (4)
High plateau e.g J. Saber.
Veronica anagallis-aquatica L. @
(syn. *V. anagallis* L.).
W. al Mashaer (S of Taiz), Dhamar-Radaa road, Al U'deyn, Dhisufal.
Veronica persica Poir. (8)
(syn. *V. tournefortii* Gmel.).
J. Saber, Dhisufal, Jiblah.
Veronica polita Fr. (5)
Wadi Shalalah, Abyen, Soqotra.
Xylocalyx aculeolatus S.Carter. * @
Soqotra.
Xylocalyx asper Balf.f. * (2)
Soqotra, Samha.
- SELAGINELLACEAE**
Globularia arabica Jaub. & Spach. (3) ??
Selaginella goudotana Spring var. abyssinica (Spring)Bizarri. (7)
Southern uplands e.g. Ba'adan.
Selaginella imbricata (Forssk.) Spring. @ كفان (in Willdenowia 32: 239-269, 2002)
Tihama foothills, Bagel, J. Bura', Taiz, J. Milhan, Al U'deyn, Hadhramaut, Al
Mahara..
Selaginella yemensis (Swartz) Spring. حكة، شحزة (8)
J. Bura', Shamir, Maqbanah, J. Habashi, J. Milhan, Dhisufal, Al U'deyn, Addalil,
Annajd Al Ahmer, Jibla, J. Ta'ker, Al Qafr, Anes & Al Manar (Dhamar), J.
Sumara.
- SIMAROUBACEAE**
Brucea antidysenterica J.F. Mill. (8)
Rare: Al Ja fariyah (Raymah)
- SOLANACEAE**
Capsicum annum L. @ بيير
Cultivated.
Capsicum frutescens L. @ بسباس

- Cultivated.
Datura fastuosa L. منج، بنج
(*syn. D. metel, D. fastuosa L. var. alba (Nees) Clarke*).
Taiz, Tihama foothills, Bayt al Faqih, Hadhramaut, Soqotra.
- Datura ferox* L.
Introduced: Taiz, Adhale'
- Datura innoxia* Mill. @ منج، بنج
Tihama, Taiz, Aden, Hadhramaut .
- Datura stramonium* L. @ منج، بنج
Taiz, Dhamar, Adhale' .
- Hyoscyamus albus* L. (8)
Rare: Dhamar, Shahara, Hadhramaut .
- Hyoscyamus flaccidus* Wright ** (3)
Al Mahara: Hawf Mts, bay 8 km W of Jadib and .
- Lycium schweinfurthii* U. Dammer (3) (Doubtful record ?)
Dhamar, Hadhramaut .
- Lycium shawii* Roem & Schult. @ عوسج، زرب
(*syn. L. arabicum Schweinf., L. persicum Miers*).
Taiz, Dhamar, Sanaa, Qa Jahran, Huth, Adhale' , Marib, Hadhramaut , al Mahara.
- Lycium sokotranum* Wagner & Vierh. * @ سوهر، سوهر
(*syn. L. socotrana L.*)
Soqotra, Abdul Kuri.
- Lycopersicum esculentum* Mill. @ طماطم
(*syn. Solanum lycopersicum L.*).
Cultivated.
- Nicandra physaloides* Gaertn. (2)
Soqotra
- Nicotiana glauca*
Introduced: Sanaa, Taiz
- Nicotiana rustica* L. @ تمباك، تتن
Cultivated.
- Nicotiana tabacum* L. @ تمباك، تتن
Cultivated.
- Physalis angulata* L. (8)
J. Raymah, al Mishrafah.
- Physalis micrantha* Link. (8)
(*syn. P. minima L.*).
Ussab al Ali, Huf (Al Mahara).
- Physalis minima* L. (2)
Coastal plains near Hadibu & Qalansya (Soqotra).
- Solanum anguivi* L. (2) حارشيم
Al U'deyn.
- Solanum coagulans* Forssk. (8) بقيم
(*syn. S. dubium Fresen.*).
Taiz, Hagda, Addimna, Mutheikhira, Tihama & foothills, E. of Manakha,
Khamer, Hadhramaut, Soqotra.
- Solanum cordatum* Forssk. @ حنق
(*syn. S. gracilipes Dec., S. hadaq Defl., S. sabaeorum Defl.*).
Taiz, Soqotra.

- Solanum forskalii* Dunal (8)
(syn. *S. albicaule* (Kotschy)Dunal).
Tihama foothills, J. Ras, Surdud, Milahan, Hadhramaut .
- Solanum glabratum* Dunal حدق
(syn. *S. palmetorum* Dunal, *S. sepicula* Dun.).
var. *glabratum*. @
Tihama & foothills, Labus (Yafea), Amran, Adhale' , Soqotra
var. *sepicula* (Dunal)Wood. @
Taiz, Dhi Sufal, Ibb, Yeslih, Sanaa, Amran.
- Solanum incanum* L. @ عرصم، نغم
Widespread: e.g. Taiz, Ibb, Dhamar, Sanaa, Al U'deyn, Hajjah , al Mahwit, Lahj ,
Abyen, Adhale' , Juben, Qa'taba, Jihaf, Al Azareq, Al Hussein, Attawilah,
Hadhramaut, Soqotra.
- Solanum melongena* L. @ بلذ نجان
Cultivated.
- Solanum nigrum* L. @ عنمنة، عنمنم، حدق
Taiz, Sanaa, Jiblah, Dhamar, Abyen, Hadhramaut .
var. *miniatum* (Bernh.)Fr.
Maaber, Soqotra.
- Solanum platanthum* Dun. * (8)
At Turbah, Yerim, W of Jibla, J.Razeh, J. Milhan.
- Solanum pubescens* Willd. (3)
S of Sayun (Hadhramaut).
- Solanum schimperianum* Hochst. ex A.Rich.
(syn. *S. carense* Dun., *S. polyanthemum* Hochst. ex A.Rich.).
var. *carense* (Dun.) Wood. (8)
Dhamar, Khawlan Ashsham.
var. *subglabrum* Bitter.
Qa Bakil, Manakha, Bura', Milhan, J. Ashsharq, Yeslih, Haddah, W. Dhahr.
- Solanum surattense* Burm.f. (8)
(syn. *S. xanthocarpum* Schrad., *S. armatum* Forssk.).
Tihama, Wussab al Ali, Al Qafr.
- Solanum terminale* Forssk. (9, 8)
Jahran, Baa'dan, S of mashwara, Al Jirdad, Manakha, Milhan, al Mehwit.
- Solanum tuberosum* L. @ بطاطس، البطاطا
Cultivated.
- Solanum villosum* Willd. (8)
(syn. *S. luteum* L., *S. hirsutum* Dunal,)
subsp. *puniceum* (Kirsch.)Edmon. (8)
Tiham foothills, Dhamar, Sanaa, Radaa.
subsp. *villosum* . @
J. Saber: Taiz, Yerim, Sanaa, Shibam, J. Annabi Shua'ib.
subsp. *Miniatum* (Bernh. ex Willd.) Edmonds (2)
Soqotra.
- Withania adunensis* Vierh. * (@, 2) عيب
Soqotra.
- Withania qaraitica* A.Miller & J.Biagi. ** (ref. Thulin, M. et al. (in press)
Between Jadib and Damqut (al Mahara)
- Withania riebeckii* Schweinf. ex Balf.f. * (@, 2) عيب

Soqotra.

Withania somnifera (L.) Dun. @ عيب

Widespread: e.g. Tihama foothills, Taiz, Maqbana, J. Habashi, J. Saber, Mawiya, Ibb, Dhamar, Sanaa, Manakha, Abyen, Lahj, Adhale', Juben, Damt, Qa'taba, Ashshue'ib, Al Hussein, Jihaf, Al Azareq, Bani Mater, Hadhramaut, Soqotra.

Withania sphaerocarpa Hepper & Boulus var. *sphaerocarpa* (3) عيب

Al mukalla – Sayun road (Hadhramaut).

STERCULIACEAE

Brachychiton diversifolius (G.Don) Terr. (8)

Cultivated as ornamental: Taiz, Sanaa.

Dombeya schimperianum A.Rich. (8) تتفاح

J. Habashi (Taiz), Khawlan, Haraz.

Hermannia madesta (Ehrenb.) Mast. (8)

Rare: Mafhaq.

Hermannia paniculata Franch. @

Al Maraqisha (Abyen), Hadhramaut

Hermannia testacea Vollesen (in Willdenowia 34: 159-182, 2004)

Huf (Al Mahara).

Melhania denhamii .R. Br. (8)

W. Maur, al Maraqisha (Abyen), Ashehr-Al Mukalla road.

Melhania incana Heyne

(syn. *M. steudner Schweinf.*).

Madinat Ashsharq, Khawlan Ashsham.

Melhania milleri Abedin * (2)

Soqotra

Melhania muricata Balf.f. @

Bani Umar (Taiz), Bagel, Lahj, Hadhramaut, Soqotra.

Melhania ovata (Cav.) Spreng. @

Maqbana, Sharaab (W. of Taiz), al Faydh(Abyen).

Melhania philipsiae E.G.Baker. (8)

Aden, J. Shahara, al Mahfad.

Melhania stipulosa J.R.I.Wood. (8)

Maghreb Ans, Yafea, Adhale', Eastern mountains.

Melhania velutina Forssk. (8)

(syn. *M. ferruginea* A.Rich.).

Tihama foothills, J. Eraf (al Maqatira), J. Bura', al Mahwit.

Sterculia africana (L.) Fiori. @ دثري، فلغم، كلهم، رقع

(syn. *Culhamia hadiensis* J.F.Gme, *S. arabica* (R.Br.)T.Ander.).

Al Ahkum, East Hagda, Shar'ab (Taiz), Aden, Tur al Baha, Al Azareq (Adhale'),

W. Siham, Abyen, Al Udain, Yahar, J. Al Araes (Abyen), Al Habilein (Lahj),

Hadhramaut .

var. *socotrana* (K.Scum.) Fiori * @ بوهن

(syn. *S. triphaca* R.Br.)

Soqotra

Waltheria indica L. (8)

Tihama foothills, J. Rayma, Haraz, Soqotra.

TAMARICACEAE

Tamarix aphylla (L.) Karst. @ أثل، وعل

(syn. *T. articulata* Vahl, *T. orientalis* Forssk.).

Coastal areas, eastern & medium alti. Mountains, Soqotra.
Tamarix nilotica (Ehrenb.) Bunge. @ أنل، وعل
(syn. *T. arabica* Bunge., *T. mascatensis* Bunge, *T. socotrana* Vierh., *Tamarix scebelensis* Chiov.)

Hagdah, Qa Bakil, wadi Dhahr, Dhamar, Abyen, Hadhramaut, Soqotra.
Tamarix passerinoides Del. (ref. the herbar. Of al Kod) أنل
Around al Mukalla (Hadhramaut).

THELYPTERIDACEAE

Christella dentata (Forssk.) Bronnsey & Jermy @
(syn. *Cyclosurus dentatus* (Forssk.) Ching., *Dryopteris dentata* (Forssk.) Chr.).
Tihama foothills, Al U'deyn, Soqotra.

THYMELIACEAE

Gnidia socotrana . (Balf.f.)Gilg. * @ لاقهن، قيطهر
(syn. *Lasiosiphon Soqotranus* Balf.f.)
Soqotra.

Gnidia somalensis Gilg var. *sphaerocephala* (Bak.)Gastald. @ بارحة، خارطة، صوارخة
(syn. *Lasiosiphon sphaerocephalus* (Bak.f.)Do.).
J. Eraf (S. of Taiz), Dhamar, Raydah, Sa'dah, Damt, al Baydhah, al Mahwit,
Yafea, Abyen, Shaharah, Huth, J. Gedu (Shabwa), Hadhramaut.

TILIACEAE

Corchorus aestuans L. (2)
(syn. *C. acutangulus* Lam.)
Soqotra

Corchorus cinerascens Defl. * (3)
(syn. *C. stenophyllus* (K.Schum.) Weim., *C. erinaceus* Weim., *C. hirsutus* L. var.
stenophyllus K.Schum., *C. bricchettii* Weim.).

Corchorus depressus (L.)Christ. @ ويكة بريية
(syn. *C. antichorus* (L.) Raeusch.).
Tihama & foothills, W of Taiz, low western mountains, Aden, al Kod, Abyen,
Lahj, Shabwa, Hadhramaut, Soqotra.

Corchorus erodiodes Balf.f. * @ إزرب
(syn. *C. erodiodes* var. *pinnatus* Vierh., *C. erodiodes* var. *bicrenatus* Vierh.)
Soqotra

Corchorus olitorius L. @ ملوخية
Cultivated: Taiz, Al U'deyn, Abyen, Shihara.

Corchorus tridens L. @ ويكة، ملوخية
Tihama , Tihama foothills, W. of Taiz, Abyen, Shaharah.

Corchorus trilocularis L. @ ويكة، ملوخية
Taiz, Tihama foothills, Abyen, Hadhramaut .

Grewia arborea (Forssk.) Lam. (8) سراك
(syn. *G. fallax* K.Schum).
V. rare: J. Bura', Taiz, al Mishrafa, Wussab Assafel.

Grewia bilocularis Balf.f. * @ حارثامو
Vulnerable: Soqotra

Grewia erythraea Schweinf. @ شوحط، حنقص، خدار
Taiz, Tihama foothills, J. Milhan, Haraz, Marib, Radaa, Abyen, Wussab Assafel,
Marib, Hadhramaut,..

Grewia flavescens Juss. (8)
Al U'deyn, Haraz, Rayma.

- Grewia gillettii* Sebsebe (8) نشم، قضيم (8)
(*syn. G. bicolor* Schwartz).
J. Saber & al Hujariyah (Taiz), western mountains, Tihama foothills.
- Grewia mansouriana* Abedin (2)
Soqotra
- Grewia milleri* Abedin * (2)
Vulnerable: Soqotra.
- Grewia mollis* Juss. @ نشم
(*syn. Grewia venusta* Fresen.)
Taiz, Tihama foothills, Al Hujariyah, Rayma, J. Bura'. J. Milhan, al Hayma.
- Grewia schweinfurthii* Burret. @ برطم، عيهك، حجر، بطم
Tihama foothills, western mountains.
- Grewia tembensis* Fresen. @ (8) خدار، شوحت، حنقايص، شقيز
Widespread :Tihama foothills, western mountains, E of Ibb, J. Gedu (Shabwa),
Demt, Qa'tabah, Abyen .
var. *ellenbeckii* Burret. شوحت
Al Hujariyah.
- Grewia tenax* (Forssk.) Fiori. @ شوحت، خدار
(*syn. G. populifolia* Vahl.).
Taiz, Tihama foothills, western mountains, Lahj , Adhale', Ataq, Soqotra.
- Grewia trichocarpa* (Hochst.) Burret @ شوحت
(*syn. G. mollis* Juss var. *petitiana* (A.Rich.)Burret., *G. mollis* var. *trichocarpa*
(Hochst. A.Rich.) Burret)
var. *petitiana* (A.Rich.) Burret. (8)
Tihama foothills
var. *trichocarpa* (Hochst.) Burret. (8) نشم
Western mountains, Shabwa, J. Al Arays, Ras Fartak: Al Mahara.
- Grewia turbinata* Balf.f. * @ حارثامو، عرط
Soqotra
- Grewia velutina* (Forssk.) Vahl. @ نشم، مشم
(*syn. G. bicolor* var. *canescens* (A.Rich.)Burret).
Taiz, Tihama foothills, western mountains.
- Grewia villosa* Willd. بریق، غبيرة، خمان
Taiz, Tihama foothills, western mountains, Dhawran.
- Triumfetta flavescens* Hochst. ex Rich. (8)
J. Rayma, J. Bura', J. Milhan, Haraz.
- Triumfetta pentandra* A.Rich. (8)
Rare: J. Rayma, J. Bura', J. Milhan, Haraz.
- Triumfetta rhomboidea* Jacq. (8)
Al Misrakh & Adhabab (Taiz), Al U'deyn, Tihama foothills.

TYPHACEAE

- Typha domingensis* Pers. @ علا ل، دخن كاذب، بردی
(*syn. T. angustata* Bory & Chaub.).
Tihama foothills, W. Hithran, Juban, Damt, Abyen, Gheyl Omar (Hadhramaut).
- Typha elephantina* Roxb. @ خسع
Tihama foothills, Aden, Taiz, Madinat Ashsharq.

ULMACEAE

- Celtis africana* Burm.f. (8) خمان، شرجب
(*syn. C. kraussiana* Bernh.).

- J. Saber & al Hujariyah (Taiz), Western mountains, Khawlan, al Hada, al Ahjur, J. Razez, Kor Seiban (Hadhramaut).
Celtis toka (Forssk.) Hepper & Wood. @ صلاح، نثاح
(syn. *C. integrifolia* Lam.).
Tihama foothills, Hagdah (w. of Taiz), al Mishrafah, Wussab, Haraz, Al H'adiyyah (Raymah).
Trema orientalis (L.) Blume. @
(syn. *C. orientalis* L., *T. guineensis* (Schum.)Engl. var. *hochstetteri* (Buch.)Engl., *T. hochstetteri* (Buch.)Engl.)
Adhabab (Taiz), J. Bura', Haraz.

URTICACEAE

- Debregeasia saeneb (Forssk.) Hepper & Wood (7,8) سنب
(syn. *D. bicolor* (Ruxb.)Wedd., *D. salicifolia* (D.Don)Rendle, *Rhus saneb* Forssk.)
J. Saber, Dhisufal, Khawlan, W of Jibla, Utuma.
Droguetia iners (Forssk.) Schweinf. (7,8)
J. Saber, Ibb, Wussab al Ali, Rayma, J. Milhan.
Forsskaolea griersonii A.Miller. * (in Edinb. J. Bot. 51(1)44:(1994)
J. al Arays.
Forsskaolea tenacissima L. @ سبيط، لصيق، قبيص، حكيكة
(syn. *Caidbeja adhaerens* Forssk.)
Taiz, Dhamar, Tihama foothills, Lahj , Abyen, Hadhramaut .
Forsskaolea viridis Ehrenb. 3) حريق
J. shamsan (Aden), Ghayl Ba Wazir (Hadhramaut), Al Mahara, Soqotra.
Girardinia diversifolia (Link.)Friis. (8) محرق
(syn. *G. condensata* (Hochst.) Wedd., *Urtica diversifolia* Link, *U. palmate* Forssk.)
J. Rayma, Al H'adiyyah.
Laportea aestuans (L.)Chew (7,8)
(syn. *Fleurya aestuans* (L.)Gaud., *Urtica divaricata* Forssk.).
Adhabab (Taiz), Al U'deyn.
Laportea interrupta (L.) Chew (in Willdenowia 34: 159-182, 2004)
(syn. *Urtica interrupta* L.)
Huf: Al Mahara
Parietaria alsinifolia Del. (7,8)
Rocky areas, J. Saber, J. Bura'.
Parietaria debilis G.Forster. @
Al Hujariya, J. Annabi Shua'ib, Soqotra.
Parietaria judaica L. (7,8)
Manakha, Haraz.
Parietaria umbricola A.G.Miller. ** (in Edinb. J. Bot. 51(1)46:(1994)
Middle altitude mountains, J. Al Arays (Abyen).
Pilea tetraphylla (Steud.) Blume (2)
Soqotra
Pouzolzia auriculata Wight. @
Wadi Darho (Soqotra).
Pouzolzia mixta Solms-Laub. (8)
Rare: J. Rayma, J. Milhan, Haraz, W. Addur, Al H'adiyyah.
Pouzolzia parasitica (Forssk.) Schweinf. (7,8)
(syn. *Urtica muratis* Vahl, *U. parasitica* Forssk.)

Al Misrakh & J. Saber (Taiz), Ibb, J. Milhan, J. Rayma, Haraz.
Urtica pilulifera L. (7,8)

Rare: Manakha.

Urtica urens L. @

Sanaa, Al Mahara, Soqotra.

VALERIANACEAE

Valerianella affinis Balf.f. * (2)

Extinct: Soqotra

VELLOZIACEAE

Xerophyta arabica (Baker) N. Menezes (8) **

(*syn. Vellozia arabica* E.G.Baker, *Barbecenia arabica* (E.G.Baker)Schwart.).

Tihama foothills, Damt, Huth, Dhi Naem, J. Al Arays (Abyen).

VERBENACEAE

Chascanum gillettii Moldenke (in *Kew Bull.* 45(1): 139 (1990).

(*syn. Chascanum obovatum* Sebseb subsp. *glaucum* Sebseb) (3)

Chascanum laetum Fenzl. ex Walp. (8)

(*syn. Bouchea pterygocarpa* Schaver, *C. arabicum* Moldenke, *Svensonia laeta* (Fenzl ex Walp.) Moldenke).

J. Bura', Haraz, Bagel, W. of Taiz, Madinat Ashsharq, Hammam Ali, Khamis Bani Sad.

Chascanum marrubifolium Fenzl ex Walp. (8)

(*syn. Bouchea marrubifolia* (Fenzl)Schaver).

Maqbanah (w. of Taiz), Haradh, Marib, Hadhramaut .

Chascanum sessilifolium (Vatke) Moldenke. (8)

At Turbah, J. Ashsharq, W. Dhahr, Sanaa, Qa' Jahran, Yerim-Dhamar, Qa' Bakil, Al Awadilla (Abyen), Mukayras-Al Baydha, .

Chascanum yemenense Sebseb. * (4)

J. al Arays

Clerodendrum galeatum Balf.f. * @ سنمهن

Vulnerable: Hagher (Soqotra).

Clerodendrum inerme (L.) Gaertn. (8)

Introduced: Al Hudaydah, Taiz.

Clerodendrum leucophloeum Balf.f. * @ سنمهن

Vulnerable: Soqotra.

Clerodendrum myricoides (Hochst.) Vatke. @ جيفة، سويد، صنعير

Adhabab & J. Eraf, Thubhan N of At Turba. (S. of Taiz), Ibb, J. Al Arays: Abyen.

Coelocarpum haggierensis A.G.Mill. * @ شجرة قالك

Hagher, Firmihin (Soqotra)

Coelocarpum socotranum Balf.f. * @

(*syn. C. socotranus* Balf.f.)

Soqotra.

Lantana camara L. @ حشف، مينا شجري، لانتانا، حنطيس

Introduced: Gardens, Road sides, wadis & neglected areas.

Lantana petitiiana A.Rich. @

Tihama foothills, western mountains

Lantana rugosa Thunb @ حنون

(*syn. Lantana salviifolia* Jacq).

Taiz, Dhamar, Dhisufal, Assayani, AdGalil, Yerim, Sanaa, Kuhlan Affar.

Lantana viburnoides (Forssk.) Vahl. @ حبوب الراعي، ننع بري

- Widespread: Taiz, Tihama foothills, western mountains, Adhale', Modia, Abyen.
Lippia triphylla (L.Herit) Kunze
(syn. *L. citriodera* Kurt).
Cultivated: Sanaa.
Phyla nodiflora (L.) Greene. @ بليحة
(syn. *Lippia nodiflora* (L.)A.Rich.).
Tihama, Taiz, Lawder, Modiah, Radaa, Lahj, Soqotra.
Premna resinosa (Hochst.) Schauer. @ شقيب
W. of Taiz, Bani Omar, J.Bura'
Priva cordifolia (L.) Druce. حمشد
Tihama foothills, Taiz.
Priva socotrana Moldenke * @ لوسك
Soqotra
Priva tenax Verdc. (8)
(syn. *P. leptostachya* Juss.).
Tihama, Tiham foothills.
Verbena officinalis L. (8)
Taiz, Yerim, W. Addur, Dhamar.

VIOLACEAE

- Hybanthus enneaspermus* (L.) F. Muell. (8)
var. *enneaspermus*.
J. Bura'.
var. *latifolius* (De Wild.) Engl.
At Turba, Dhi Sufal, Khawlan, J. Razeh, Hajjah, Sumara, Kuhlan Affar, Soqotra.
Hybanthus durus (Baker) Schwartz. (in Willdenowia 32: 239-269, 2002)
J. Fartak & J. Faydami (Al Mahara)
Viola cinerea Boiss. var. *stocksii* (Boiss.) W. Becker (2)
Abyen, Soqotra
Viola odorata L. (8)
introduced : extinct: cultivated.

VISCACEAE

- Korthalsella taenioides* (Comm. ex DC.) Engel (2)
Soqotra
Viscum schimperi Engl. (7)
Highlands, Hadhramaut.

VITACEAE (VITIDACEAE)

- Cayratia gracilis* (Guill. & Perr.) Suess. (8)
Rare: Ibb, W. Addur, Al U'deyn.
Cissus hamaderohensis A.R.Smith. * @ عطرهن
Widespread on low land of Soqotra.
Cissus paniculata (Balf.f.)Planch. * (2) عطرهن
(syn. *Vitis paniculata* Balf.f.).
Soqotra.
Cissus quadrangularis L. @ سلع، عطروت
(syn. *Vitis quadrangularis* Wall.)
Widespread: Tihama plain, Tihama foothills, Taiz, Assayani, Al U'deyn,
Dhisufal, Al Qae'dah, ,Al Qafr, Lahj, al Mahara .
Cissus rotundifolia (Forssk.) Vahl. @ حلاص، هدل، علفق

- Widespread: Taiz, Lahj, Al U'deyn, Dhisufal, Al Qafr, Mutheikhira, Abyen, Adhale'.
- Cissus subaphylla* (Balf.f.) Planch * @ عطرهن
(syn. *Vitis subaphylla* Balf.f.).
Soqotra, Samha
- Cyphostemma digitatum* (Forssk.) Desc. @ حلقة
(syn. *Cissus digitatum* (Forssk.) Lam.).
Sanaa, Huth, Manakha.
- Cyphostemma ternatum* (Forssk.) Des. (8) حلقة
(syn. *Cissus ternatua* (Forssk.) Gmel.
Qa Bakil, Tihama foothills, Hadhramaut .
- Rhoicissus revoilii* Planch. (8) مرو
Tihama foothills, al Mahwit, Al U'deyn, J. Al Arays (Abyen).
- Rhoicissus tridentata* (L.f.) Willd & Drum. (8)
(syn. *R. erythroides* (Fresen.) Planch.)
J. Saber, J. Sawraq, al Mahwit.
- Vitis vinifera* L. @ عنب
Cultivated on highlands.
- WOODSIACEAE**
- Cystopteris fragilis* (L.) Bernh. (8)
Rare: Taiz, J. Maswer, J. Ta'aker, J. Manar.
- ZANNICHELLIACEAE**
- Zannichellia palustris* L. var. *genuine* Asch. (8)
Bani Mater, Aduf, W. Mouna, al Ahjur.
- ZINGIBERACEAE**
- Curcuma longa* L. (8) هرد
Cultivated at J. Milhan
- Zingiber officinale* L. (8) زنجبيل
Cultivated at J. Bura', J. Raymah.
- ZYGOPHYLLACEAE**
- Fagonia bruguieri* DC. @ شكعة، حليلة، حلوة
(*F. schimperi* C., *F. myriacantha* Boiss., *F. echinella* Boiss.)
Taiz, Raydah, Bagel, Saada, Huth, Radaa, Arhab, Hadhramaout, Al Mahara.
- Fagonia hadramautica* Beier & Thulin * (Bieier, B.-A., 2005) قطب
Hadhramaut, Shabwa.
- Fagonia indica* Burm.f. @ شكعة، حلوة، مدركة، ضريمة
(syn. *F. mysorensis* B. Heyne ex Roth., *F. aucheri* Boiss., *F. ovalifolia* Hadidi, *F. parviflora* Boiss., *F. elliptica tabassum*).
Widespread: Tihama, Aden, Marib, Jubah, Western mountains, E. of Manakha, Saa'da, Juban, Jihaf, Demt, al Azareq, Hadhramaut .
- Fagonia lahovarii* Volkens & Schweinf. (Bieier, B.-A., 2005)
(syn. *F. lahovarii* var. *spinescens* O. Schwartz, *F. harerensis* Hadidi)
Abyen, lahj, Al Mukalla-Ash shehr (Hadhramaut). Al Mahara,
- Fagonia luntii* Baker @
(syn. *Fagonia nummularifolia* Baker, *F. socotrana* (Balf.f.) Schweinf. var. *somalica* Sprague, *F. socotrana* var. *Luntii* (baker) hadidi, *F. cretica* var. *socotrana* Balf. f.).
Al Mukalla & Shuqra (Hadhramaut), Al Mahara, Soqotra.
- Fagonia maharana* Beier ** (Bieier, B.-A., 2005)

- Al Mahara
Fagonia paulayana Wagner & Vierh. مدركة ، حليمة ، شكعة.
(syn. *Fagonia schweinfurthii* Hadidi, *F. elba hadidi*, *F. parviflora* var. *Brevispina* Schweinf., *F. glabra* K. Krause, *F. indica* var. *Schweinfurthii hadidi*, *F. ovalifolia* var. *Pakidtanica Ghafoor*)
Tihama, Shara' b, Muthaikhira, Aden, Lahj, Abyen, Qa'tabah, Demt, al Hus' ein, Ashue'ib, Juban, Amran, Raydah, Huth, Haddah, E of Rada, Hadhramaut, Soqotra.
- Kelleronia gillettiae Baker.f. var. gillettiae. (3)
Hadhramaut .
- Kelleronia splendens Schinz. (3)
Huf al Mahara
- Peganum harmala L. @ حرمل
Maaber, Sanaa, Amran, al Baydha, Mukayras(Abyen).
- Seetzenia lanata (Willd.) Bullock @
(syn. *Zygophyllum prostratum* Thunb, *S. prostrata* (Thunb.) Eckl. & Zeyh.)
.Near Hikma village (Hadharamout)
- Tribulus arabicus H.Hosnlined. @ شرشر
Lahj , Hadharamout.
- Tribulus bimucronatus Viv.
(syn. *T. spurius* Kralik.).
subsp. bimucronatus
Tihama & Foothills, J. Bura' (8) قطيب
subsp. inermis (Kralik)H.Hosni. (8)
Tihama.
- Tribulus macropterus Boiss. (3)
(syn. *T. pterocarpus* Ehrenb., *T. persicus* Kralik, *T. longipetalus* var. *macropterus*, (Boiss.) Maire ex Ozenda & Quezel) (in Saudi J. of Biol. Scien. 13 (1) 7-12: 2006).
Tihama, Bir Ahmed W. Tuban.
- Tribulus mollis Ehrenb. ex Schweinf. (8) قطيب
(syn. *T. ochroleucas* Maire).
Hays.
- Tribulus omanensis H.Hosni ex Haddidi. (8) زحار، قطبة
Marib, W. Nijran, Aden.
- Tribulus parvispinus Presl. (8) قطيب، قطبة
(syn.: *T. bispinulosus* Kralik, *T. pentandrus* El-Hadidi non Forssk). (in Saudi J. of Biol. Scien. 13 (1) 7-12: 2006).
N. of Sanaa, Lahj .
- Tribulus pentandrus Forssk. var. pentandrus. (8) قطيب، قطبة
(syn. *T. alataus* Defl., *T. longipetalus* Viv).
Tihama, W. Rimaa, Lahj , Adhale', Abyen.
- Tribulus terrestris L. @ قرطبة، قرطبة
(syn. *T. bicornutus* Fisch. & Mey., *T. lanuginosus* L., *T. lanuginosus* var. *orientalis* (Kerner) Nayar et Giri, *T. robustus* Boiss. & Noe, *T. orientalis* Kerner) (in Saudi J. of Biol. Scien. 13 (1) 7-12: 2006).
Widespread: Tihama, Taiz, Shara' b, Hagda, Dhisufal, Jibla, Ashshwaet', J. Sumara, W Jibla, Sanaa, Dhamar, Adhale', Qa'taba, Ashue'ib, Al Azareq, Al Husha, Abyen, Lahj, Hadhramaut, Soqotra.

- Zygophyllum album L. var. amblyocarpum (E.G.Baker)Hadidi. (8) حميم، نقاوة
Coastal areas, Soqotra, Abdul Kuri
- Zygophyllum coccineum L. (8)
Medi, Hadhramaut .
- Zygophyllum decumbens Del. قرمل
var. decumbens. (2,3)
Hadhramaut, Shabwa, Soqotra.
var. megacarpum H.Hosni. (3)
Hadhramaut, Al Mahara
- Zygophyllum fontanesii Webb. (3)
Sayhut-Qashin (Hadhramaut), Ras Fartak al Mahara .
- Zygophyllum hamiense Schweinf. (8)
Hadhramaut: Al Hami, Nihim, Sirwah, al Jawf, Sa'dah..
- Zygophyllum qatarense Hadidi ** (2)
Soqotra, Abdul Kuri, Samha.
- Zygophyllum robechii Engl. (3)
(syn. *Fagonia heinii* Schwartz)
- Zygophyllum smithii Hadidi ** (ref. Thulin, M. et al (in press.)
Hadhramaut, Ras Fartak (al Mahara)
- Zygophyllum simplex L. @ (سقطرى) قلفل، قلفل، ربل، جرم، قرمل، جرم، حرم،
Coastal areas, W. of Taiz, Hunaish island, Aden, Lahj , Marib, Adhale' , Abyen,
Hadhramaut, Soqotra, Abdul Kuri, Samha.

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