Conservation work performed with funds from the 1992/93 NEW YORK STATE CONSERVATION/PRESERVATION DISCRETIONARY GRANT PROGRAM.
COLOURED

ENGRAVINGS

OF

HEATHS.
COPOLYMER

Copolymer

HEATHS
Coloured Engravings

OF

HEATHS.

THE

DRAWINGS

TAKEN FROM

LIVING PLANTS ONLY.

WITH

THE APPROPRIATE SPECIFIC CHARACTER, FULL DESCRIPTION, NATIVE PLACE
OF GROWTH, AND TIME OF FLOWERING OF EACH;

In Latin and English.

EACH FIGURE ACCOMPANIED BY ACCURATE DISSECTIONS OF THE SEVERAL
PARTS, (MAGNIFIED WHERE NECESSARY,) UPON WHICH THE
SPECIFIC DISTINCTION HAS BEEN FOUNDED,

ACCORDING TO THE

LINNÆAN SYSTEM.

THE WHOLE EXECUTED

By H. C. ANDREWS,

BOTANICAL PAINTER, ENGRAVER, &c.

VOL. I.

LONDON:

PUBLISHED BY THE AUTHOR, NO. 5, KNIGHTSBRIDGE.

Printed by T. Bensley, Bolt Court, Fleet Street.

1802.
Coloured Chirographiae

REATHS

DRAWINGS

FEZEE TROYAUCK

[Illustrations and text]

LIST OF SUBJECTS

[Additional text and details]
In his endeavours to illustrate this brilliant and extended tribe of plants, the author thinks it necessary to premise, by way of depreciating the opinion of the Public on this part of his labours; that, as all his drawings are taken from cultivated plants, some of them may thence appear less picturesque, than if he indulged his fancy in their design; or more fortunately, have enjoyed the opportunity of copying them on the soil where nature has placed them indigenous: But, as the latter never was within his power; he would rather stand convicted of apparent want of taste, in the execution of a work where ornament should give way to science, than be taxed with having varied from a just representation of the plant, as it must meet the eye of the British Botanist. Numerous and beautiful as are the specimens of this Genus, in the splendid herbariums of Sir J. Banks, Bart. P. R. S. &c.; G. Hibbert, Esq.; A. B. Lambert, Esq. &c. &c.; yet, as the dried plant exhibits so very different an appearance, from the living one, in every character necessary for a perfect drawing, but particularly in the blossoms; no advantage can be taken, to ornament, or add to, the present undertaking, from them; unless, by comparison, to determine some species, which have been described by those Botanists who have named them at the Cape of Good Hope. Since, therefore, the original intent of this work, was, (and in its progress we have found no reason to alter the plan,) to give figures of those species of Heaths, only, which are actually cultivated in the different collections of this country: so, whatever may be imputed to want of freedom in the pencil of the artist, it is hoped, will be covered by this reflection; that he has invariably copied nature, though in a formal dress, without assuming the general licence of the painter. In pursuing the Botanical part of the work, he has endeavoured to give the specific names which are in general use in Britain, where the plant is commonly known in our gardens, in preference to any, published by either foreign or English Botanists which have not that character. Where the plant is new with us, but has a published, and received name among Botanists, he has invariably adopted it; but where none could be traced, to the best of his judgment, he has given it, then only, an appropriate title. A few alterations from the original plan, arising from the inundation of new species since the commencement of the work, it will be necessary briefly to state. He had at first arranged the whole of the Genus, then known, from the method given by Linnaeus, under two general heads, Bearded and Beardless tips; but, from the numbers now in our possession, which cannot, with any propriety, be placed under either head, he has been induced to alter it; and has formed them, under five of the most ostensible, and general characters of the same parts. Thus, 1st, bearded, where the tips are simple, and awned at the base; 2d, created when the tips are terminated by a curved like feather; 3d, two-horned, where the termination of the tip is thrown inward, and the parts quite smooth; 4th, beardless, where no protuberant part is seen, the tips of an oblong form, and fixed by their backs to the threads; 5th, pencilled, where no apparent division, but from colour, is perceivable in the Chives, which protrude considerably beyond the blossom. For the accommodation of those who wish to know what Synonims are attached to our figures, a statement is given, of those most worthy notice; under the names of the various authors from whence they are collated. These we have confined to six of the most modern; from whose works, if farther research may be thought necessary, a longer list may be obtained. As it is but bare justice to make acknowledgment for favours received; what remains for the author is to mention with gratitude, at least, the persons, from whose kind indulgence in the free use of their collections, he has chiefly drawn his resources.

G. Hibbert, Esq. Clapham Common, Surrey.
The Honourable Marquis of Blandford, White Knights, Berkshire.
The late Lady Archer, Ham Common, Surrey.
The Honourable William Henry Irby, Farnham Royal, Berks.
The late J. Robertson, Stockwell, Surrey.
J. Vere, Esq. Kensington Gore, Middlesex.
The text on this page is not legible due to the quality of the image. If you have a clearer version of the document, please provide it so that I can assist you further.
ERICA.

CLASSIS VIII. ORDO I.

OCTANDRIA MONOGYNIA.

CHARACTER GENERICUS.

CALYX. Perianthium tetraphyllum; foliolis ovato-oblongis, perfoliatis.

COROLLA monopetala, campanulata, quadrifida, fæpe ventricosa.

STAMINA. Filamenta octo, capillaria, receptaculo inferta. Antheræ apice bifide.


PERICARP. Capsula subrotunda, calyce minor, tecta, quadrilocularis, quattuorvalvis; dactylifera cum futuris coeuntibus.

SEMINA numerosa, minima.

Obs. Dantur species calycis duplici.

Figura Corollae ex ovato, tubulosa, ventricosa, et oblonga, in diversis varia est.

Antheræ in aliis emarginatae, in aliis bicornutæ, cristiatae, aristatae, muticæ, vel penicillatae; inclusa vel extensa.

ESSENTIALIS CHARACTER.

Calyx tetraphyllus. Corolla quadrifida.

Filamenta receptaculo inferta.


HEATH.

CLASSIS VIII. ORDO I.

Eight Chives. One Pointal.

GENERIC CHARACTER.

EMPAMMENT. Cup four-leaved; leaflets between egg-shaped and oblong, remaining.

Blossom one petal, bell-shaped, four-cleft, often bellied.

CHIVES. Threads eight, hair-like, inserted into the receptacle. Tips two-cleft at the end.

POINTAL. Seed-bud roundish, above. Shaft thread-shaped, upright, longer than the chives. Summits crowned, four-cornered, four-cleft.

SEED-VESSEL. Capsule roundish, less than the cup, covered, four-celled, four-valved; partitions meeting with the futures.

SEEDS numerous, very small.

Obs. There are some species with a double cup.

The figure of the blossom as to egg-shape, tubular, bell-shaped and oblong, differs in different species.

The Tips in some are notched at the end, in others two-horned, cristaed, bearded, beardless, or pencilled; within the blossom, or without.

ESSENTIAL CHARACTER.

Calyx tetraphyllus. Corolla quadrifida.

Threads inserted into the receptacle.

Tips two-cleft. Capsule four-celled. Partitions from the edge of the valves.
ERICA aitonia.

**CHARACTER SPECIFICUS.**

*ERICA*, antheris basi bicornibus, inclus; corollis longiflinis, vilicor, fulcata, sequepollicaribus, lacinis maximis, cordatis; foliis ternis.

**DESCRIPTIO.**

*Caulis*, rami, ramulique filiformes, flexibles; rami simplices, longi.

*Folia* terna, apice patantia, ferrata, acuminata, caffis, subbus fulcata.

*Flores* terminales, umbellati, terni, erecti, pedunculi longi, purpurei, bracteis tribus, coloratis, infracirri.

*Calyx.* Perianthium tetraphyllum, foliolis spathulatis, caffis, vilicor, apiciis obtusis, extra concavis.

*Corolla* sequepollicaris, fulcata, linearis, summa inflata, ore arctata; lacinis cordatis, maximis, expanis; extra dilute carneus, intus albida.

*Stamina.* Filamenta odo capillaria, torta; antherae basi bicornes, apice cornuta, inclus.

*Pistillum.* Germen oblongum, fulcatum; stylum rectum, filiformis, filiformis, erectus, purpureus; stigma tetragonum.

Habitat ad Caput Bone Spei.

Floret a mensi Julii, in Octobrem.

**REFERENTIA.**

1. Calyx, et Corolla.
2. Calyx lente auctus.
4. Stamina a Pistillo diduca, anthera una lente aucta.
5. Stylum, et Stigma, lente aucta.

**SPECIFIC CHARACTER.**

*HEATH*, whole tips have two horns at their base, and within the blossoms, which are extremely long, clammy, furrowed, of an inch and a half in length, the segments large, and heart-shaped; the leaves grow by fours.

**DESCRIPTION.**

The *Stem*, as well as the larger and smaller branches, are thread-shaped, and supple; the branches are simple, and long.

The *Leaves* grow by threes, spreading out at the end, sawed, sharp-pointed, thick and furrowed underneath.

The *Flowers* grow at the summit of the branches, three in a bunch, and upright; the footstalks are very long, and purple, having three coloured floral leaves.

*Empalement.* Cup four-leaved, which are spathula-shaped, thick, clammy, blunt at their ends, and hollow without.

The *Blossom* is an inch and a half long, channelled, and linear, swelled at the end, and narrowed at the mouth; the segments of the border are very large, and expanded; of a light flesh colour on the outside, white within.

*Chives.* Eight hair-like threads twisted; tips two horned at their base, the points horned, and within the blossom.

*Pointal.* Seed-velvct oblong, and furrowed; the shaft straight, thread-shaped, purple, and without the blossom; summit four-cornered.

Native of the Cape of Good Hope.

Flowers from July, till October.

**REFERENCE.**

1. The Empalement, and Blossom.
2. The Empalement magnified.
3. The Chives, and Pointal.
4. The Chives detached from the Pointal; one tip magnified.
5. The Shaft, and its Summit, magnified.
ERICA albens.

**Character Specificus.**

**Erica,** antheris muticis, inclusi; corollis ventricosis, axillaris, foliariis, sub-albidis; folias ternis, trigonis.

**Description.**

Caulis fruticosus, pedalis, erectus, ramosus, gracilis; rami simplices.

Folia terna, trigona, linearia, acuta, glabra, fuitus tenuissime sulcata, erecta; petiolis adpresi.

Flores in axillis foliorum foliarii, cernui, sub-albicantes; pedunculis curvatis, albidis.

Calyx. Perianthium tetraphyllum, foliolis coloratis, acuminatis, adpresi.

Corolla ventricosa, ore arrecta; limbo quadrilobo, lacinias aquilinas, acuminatis, retrorsatis.

Stamina. Filamenta ocho capillaria, curvata, receptaculo inserta. Antherae muticae, incluse.


Habitat ad Caput Bonae Spei.

Floret a mensi Aprili, in Julium.

**Referentia.**

1. Calyx, et Corolla.
2. Calyx lente acutus.
4. Stamina a Pistillo didueta; anthera una lente acuta.
5. Stylus, et Stigma, lente acutus.
6. Capulia.

**Specific Character.**

**Heath,** with beardless tips, within the blossoms, which are swelled at the lower part, growing finely at the base of the leaves, and whitish; the leaves grow by threes, and are three-sided.

**Description.**

Stem shrubby, grows a foot high, upright, branching, and slender; the branches are simple.

Leaves grow by threes, are three-sided, linear, sharp-pointed, smooth, slightly furrowed on the under part, and upright; the foot-flanks are prefled to the stem.

The flowers grow from the bottom of the foot-flanks of the leaves, finely, are bent downward, and whitish; the foot-flanks are curved, and whitish.

Empalement. Cup of four leaves, which are coloured, sharp-pointed, and prefled to the blossom.

Blossom swelled at the lower part, and flattened at the mouth; the border is four-lobed; segments equal, pointed, and rolled back.

Chives. Eight hair-like threads, which are bent, and fixed into the receptacle. Tips beardless, within the blossom.

Pointal. Seed-bud turban-shaped, and smooth. Shaft linear, curved, and just without the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from April, till July.

**Reference.**

1. The Empalement, and Blossom.
2. The Empalement magnified.
3. The Chives, and Pointal.
4. The Chives detached from the Pointal; one tip magnified.
5. The Shaft, and its Summit, magnified.
6. The Capule.
ERICA ampullacea.

CHARACTER SPECIFICUS.

ERICA, anthera basi bicornibus, inclusis; foliis quaternis, retortis; floribus viscosis, umbellatis, ampullaceis, striatis, sub-sesquipollicaribus.

DESCRIPTION.

CAULIS fruticosus, pedalis, ramosus; rami flexuosoi, filiformes.

FOLIA quaterna, trigona, ciliata, retorta, mucronata, supra plana, subtus sulcata; petioli brevissimi, adpressi.

FLORES umbellati, sepe quatuor, viscosi, terminalis; pedunculi longi, bracteis tribus spathulatis instructi.

CALYX. Perianthium tetraphyllum, foliolis spathulatis, margine ciliatis, viscosis, adpressis.

COROLLA basi inflata, apice attenuata, longitudinaliter striata, sub-sesquipollicaria, ore arcata, saturate purpurea; laciniis ovatis, expansis.

STAMINA. Filamenta octo capillaria; antherae inclusae, bifide, basi bicornes.


Habitat ad Caput Bonas Spei.

Floret a mense Julii ad Octobrem.

REFERENCE.

1. Folium unum lente auctum.
2. Calyx et Corolla.
3. Calyx lente auctus.
4. Stamina et Pisillum.
5. Stamina a Pisillo diducta; anthera una lente aucta.

SPECIFIC CHARACTER.

HEARTH, with tips two-horned at their base, within the blossom; the leaves grow by fours, and are rolled back; the flowers are clammy, grow in bunches, are flask-shaped, striped, and nearly an inch and a half long.

DESCRIPTION.

STEM shrubby, grows about a foot high, and branching; the branches are crooked, and thread-shaped.

LEAVES grow by fours, are three-sided, fringed, rolled back, sharp-pointed, smooth on the upper, and furrowed on the under surface; with short footstalks, pressed to the branches.

FLOWERS grow in bunches, mostly of four, are clammy, and terminate the branches; the fruit-stalks are long, having three spathula-shaped floral leaves.

EMPALMENT. Cup four-leaved, which are spathula-shaped, fringed at the edges, clammy, and pressed to the blossom.

BLOSSOM swelled at the base, and tapering to the top, striped longitudinally, nearly an inch and a half long, straightened at the mouth, which is of a deep purple; the segments egg-shaped, and spreading.

CHIVES. Eight hair-like threads; tips within the blossom, are cleft in two, and two-horned at their base.

POINTAL. Seed-vessel club-shaped, and furrowed. Shaft without the blossom, and thread-shaped. Summit four-cornered, and green.

Native of the Cape of Good Hope.

Flowers from the month of July till October.

REFERENCE.

1. A Leaf magnified.
2. The Empalement and Blossom.
3. The Empalement magnified.
4. The Chives and Pointal.
5. The Chives detached from the Pointal; one tip magnified.
6. The Shaft and its Summit magnified.
ERICA baccans.

**DESCRIPTION.**

Caulis fruticosus, erectus, fixipedalis, ramosissimus; rami rigidi, erecti, torti.

Folia quaterna, glauca, incurvata, subtus fulcata, rigida, ferrulata.

Flores terminales, plerumque quatuor, umbellati, mutantes; pedunculi longi, purpurei, bracteis tribus inserti.

Calyx. Perianthium tetraphyllum, foliis ovatis, carinatis, adpressis.

Corolla globosa purpurea, ima quadrata; limbo quadrilobo, lacinis equalibus, erectis.

Stamina. Filamenta oöto capillaria, receptaculo inferta. Antherae crispatae, inclusae.

Pistillum. Germen globosum, magnum, fulcatum; stylius subexsertus, pyramidatus; stigma tetragonum.

Habitat ad Caput Bonae Spei. Floret a mensa Aprilis, in Julium.

**REFERENCE.**

1. Calyx, et Corolla,
2. Calyx lente auctus,
3. Stamina, et Pistillum,
4. Stamina a Pistillo diducta, anthera una lente aucta.
5. Pistillum et Germen lente auctum.

**SPECIFIC CHARACTER.**

Heath, with crested tips, within the blossom; the leaves grow by fours, are harsh, and of a whitish green; the flowers are globular, in bunches, and are, as well as their cups, purple.

**REFERENCE.**

1. The Empalement, and Blossom.
2. The Empalement magnified.
3. The Chives and Pistillum.
4. The Chives detached from the Pistillum; one tip magnified.
5. The Pistillum and Seed-vessel magnified.
None of the text is legible to be transcribed.
ERIC A  Bankia.

CHARACTER SPECIFICUS.

ERICA, antherae muticae, exsertae, attenuata in filamenta plana; corolla cylindrica, viridi-lutea; caulis decumbens, sub-spithameus; folia terna.

DESCRIPTIO.

Caulis decumbens, rigidus, scaber, sub-spithameus, ramuliflorius; ramulis brevibus.

Folia terna, fabulata, trigona, acuminata, subitus tenuissime fulcata, supra plana, glabra, profunde viridia; petioli brevissimi, adpressi.

Flores in ultimis ramulis, bini vel terni, cer- nui; pedunculi brevissimi, bracteis nullis.

Calyx. Perianthium duplex, exterius triphylum, foliolis lato-ovatis, rigidis, carinatis, acuminatis; interius tetraphyllum, foliolis flaccidis, linearibus, longioribus.

Corolla cylindrica, ad basin parum inflata, viridi-lutea, oris laciniis revolutis.

Stamina. Filamenta obtus linearia, plana, corolla multitiotes longiores, receptaculo inferta. Antherae muticae, exsertae, nec filamentis distinguendis.

Pistillum. Germen sub-ovatum. Stylus filiformis, exsertus. Stigma tetragonum

Habitat ad Caput Bonae Spei. 

Floret a mensi Februarii, in Julium.

REFERENCE.

1. Calyx, et Corolla. 
2. Calyx lente auctus. 
4. Stamina a Pistillo diducla; anthera una lente aucta. 
5. Stylus, et Stigma, lente aucta.

SPECIFIC CHARACTER.

HEATH, whose tips are beardless, without the blossom, and tapering into threads, which are flat; the blossom is cylindrical, of a greenish-yellow; the stem droops, is scarce a span high; the leaves grow by threes.

DESCRIPTION.

Stem drooping, harsh, rough, less than a span in height, and very much branched; the smaller branches are short.

The Leav es grow by threes, are awl-shaped, three-leaved, and sharp-pointed, slightly channelled on the under part, smooth on the upper, and flat, of a deep green colour, having short foot-stalks pressed to the stem.

Flowers grow by twos or threes at the end of the smaller branches, hanging down; the foot-stalks are very short, without any floral leaves.

Ema plement. Cup double, the outer three-leaved, which are of a broad egg-shape, harsh, keeled, and sharp pointed; the inner is four-leaved, longer than the former, linear, and limber.

The Blossom is cylindrical, slightly swollen at the base, of a greenish-yellow; the segments of the mouth are rolled back.

Chives. Eight linear, flat threads, much longer than the blossom, fixed into the receptacle. Tips beardless, without the blossom, and not to be distinguished from the threads.

Pointal. Seed-vessel nearly oval. Shaft thread-shaped, and without the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from February, till July.

REFERENCE.

1. The Em emplament, and Blossom. 
2. The Empalement magnified. 
3. The Chives, and Pointal. 
4. The Chives detached from the Pointal; one tip magnified.
5. The Shaft, and its Summit, magnified.
ERICA Bruniades.

CHARACTER SPECIFICUS.

ERICA, anthericus muticis, exsertis, floribus terminalibus, subtenui, sub-ternis; calyces foliolis ovatis, carneis; foliis ternis, linearius, obtusi, margine revolutis, pilosis.

DESCRIPTIO.

CAULIS filiformis, sub-erectus, glaber, flexuofus; rami filiformes, villofi, ramuli capillares, frequentes, tomentosi.

FOLIA ternae, linearia, obtusae; seniores, reflexae, juniores patentia, margine pilis longis hirta.

Flores in extremis ramulis terminales, sub-terni; bracteis tribus, minutis, adpresso.

Calyx. Perianthium tetraphyllum, foliolis ovatis, concavis, exterioribus totis densiffime albo-lanatis, interioribus carneis.

Corolla urceolata, pubefcens, alba, tota tebta calyce lanato; oris laciniis patentibus, obtusis.

Stamina. Filamenta oño capillaria. Antheris muticis, exsertis, atris.


Habitat ad Caput Bonas Spei.

Floret a mensis Februarii in Junium.

REFERENTIA.

1. Folium unum, lente auctum.
2. Calyx.
3. Calyx, auclus.
5. Corolla, aucta.
7. Stamina a Pistillo diuclata.
8. Stamina unum, auctum.

SPECIFIC CHARACTER.

HEATH, with beardless tips, without the blossom, flowers terminating the smaller branches, nearly without footstalks, mostly by threes; blossoms white, pitcher-shaped, and covered by a woolly cup; the leaflets of the cup are egg-shaped, and flesh-coloured; the leaves grow by threes, are linear, blunt, rolled back at the edge, and hairy.

DESCRIPTION.

STEM thread-shaped, nearly upright, smooth, and growing zig-zag; the branches are thread-shaped, and hairy; the smaller branches are hair-like, numerous, and downy.

LEAVES grow by threes, are linear, and blunt, the older ones are bent back, the younger ones spreading out, the edge covered with long hairs.

FLOWERS grow at the extremity of the younger branches, fitting close, and mostly by threes; three small floral leaves, pressed to the cup.

EMPLACEMENT. Cup of four leaves, which are egg-shaped, concave, on their outsides covered with a thick white wool, and on their insides flesh coloured.

BLOSSOM pitcher-shaped, downy, white, and covered totally by a woolly cup; the segments of the mouth are spread out, and blunt.

CHIVES. Eight hair-like threads. Tips beardless, without the blossom, and black.

POINTAL. Seed bud turban shape, downy, and glandular at the base. Shaft thread-shaped, a little longer than the chives. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from February, till June.

REFERENCE.

1. A Leaf, magnified.
2. The Empalement.
3. The Empalement, magnified.
4. The Blossom.
5. The Blossom, magnified.
7. The Chives, detached from the Pointal.
ERICA caffra.

CHARACTER SPECIFICUS.
ERICA, antheris arificatis, includis, stylo exerto; corollis campanulatis, alludis; floribus umbellatis, fccundis, cernuis, odoratissimis; folii quaternis, linearibus, scabrlulis.

DESCRIPTIO.
CAULIS fruticofus, pedalis, rami et ramuli erecti, cinereo-tomentosi, rigidi.

FOLIA quaterna, linearia, obtusa, subciliata, scabria, patentia; petiolis brevissimis, adpressis.

FLORES in rami supremis racemosi, secundis, cernui, umbellati; pedunculi brevissimi, bracteis tribus minutis instructi.

CALYX. Perianthium tetraphyllum, foliolis acuminatis, brevissimis, glabris, adpressis.

COROLLA campanulata, minuta, odoratissima, alba; laciniis erectis, apicibus parum reflexis.

STAMINA. Filamenta obo capillaria, apice curvata. Antherae arificatis, includis.

PISTILLUM. Germen sub-globofo, fulcatus. Stylus exsertus. Stigma tetragonum.

Habitat ad Caput Boni Spei.
Floret a mense October, in Februario.

REFERENTIA.
1. Folium unum, lente auctum.
2. Calyx, et Corolla.
3. Calyx, lente auctus.
4. Stamina, lente aucta.
5. Pistillum, lente auctum.

SPECIFIC CHARACTER.
HEATH, with bearded tips, within the blossom; the shaft without; the blossoms bell-shaped and white; flowers grow in bunches, pointing all one way, nodding and very sweet; leaves grow by fours, linear and rough.

DESCRIPTION.
STEM shrubby, growing a foot high, the larger and smaller branches grow upright, of an ash colour, downy and harsh.

LEAVES grow by fours, linear, obtuse, a little hairy, roughish and spreading; with very short foot-stalks, pressed to the branches.

FLOWERS grow on the upper branches in loose spikes, pointing one way, nodding and in bunches; the foot-stalks very short, having three small floral leaves.

EMPALEMENT. Cup of four leaves, which are tapered, very short, smooth and pressed to the blossom.

BLOSSOM, bell-shaped, small, sweet-scented, and white; the segments upright, with the points a little bent outwards.

CHIVES. Eight hair-like threads, curved at the end. Tips bearded, and within the blossom.

POINTAL. Seed-bud nearly globular and furrowed. Shaft without the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from October, till February.

REFERENCE.
1. A Leaf, magnified.
2. The Empalement, and Blossom.
3. The Empalement, magnified.
4. The Chives, magnified.
5. The Pointal, magnified.
ERICA calycina.

CHARACTER SPECIFICUS.

ERICA, antheris criftatis, inclufis; foliis ternis; rami filiformes; corollis minutis, urceoli-formes; calycis foliola corolla longiora; pedunculis longiffimis.

DESCRIPTION.

Caulis filiformis, spithameus, erectus, ramis filiformis.

Folia terna, lanceolata, supra concava, adpreffis, glabra; petiolis breviffimis.

Flores plures, in ultimis ramulis terminales, umbellati; pedunculis carneis, longiffimis, bracteis tribus coloratis instructis.

Calyx. Perianthium tetraphyllum, foliolis lato-ovatis, carneis, corolla longiora.

Corolla minuta, urceoli-formis, apice dilute carneae, ad basi viridescent; oris laciniae reflexae, saturate carneae.

Stamina. Filamenta oculo capillaria; anthera crifatae, incluse.


Habitat ad Caput Bonae Spei.

Floret a mensi Septembri, in Decembrem.

REFERENTIA.

1. Calyx, et Corolla.
2. Corolla.
3. Calyx, lente auextus.
5. Stamina a Pistillo diduca; anthera una lente auexta.

SPECIFIC CHARACTER.

Heath, with crested tips, within the blossom; the leaves grow by threes; the branches are thread-shaped, the blossoms small and pitcher-shaped; the leaves of the cup are longer than the flower, the foot-stalks very long.

DESCRIPTION.

Stem thread-shaped, grows half a foot high, upright, and very much branched.

The Leaves grow by threes, are lance-shaped, concave on the upper surface, prefixed to the stem, and smooth, having very short foot-stalks.

The Flowers are numerous, and terminate the smaller branches in bunches; the foot-stalks are very long, flesh coloured, with three coloured floral leaves.

Emplacement. Cup four-leaved, which are of a broad oval form, flesh coloured, and longer than the blossom.

The Blossom is small, of a pitcher-shape, light flesh colour at the end, greenish at the base; the segments of the mouth are bent back, and deep flesh coloured.

Chives. Eight hair-like threads; the tips crested, and within the blossom.

Pistillum. Seed-veffel nearly globular; the shaft thread-shaped, partly out of the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from September, till December.

REFERENCE.

1. The Emplacement, and Blossom.
2. The Blossom.
3. The Emplacement magnified.
4. The Chives and Pointal.
5. The Chives detached from the Pointal; one tip magnified.
6. The Shaft and its Summit magnified.
ERICA campanulata.

CHARACTER SPECIFICUS.
ERICA, antheris muticis, inclusi; floribus solitariis, cernuis; calycibus coloratis; corollis globoso-campanulatis, luteis; foliis quaternis, linearis, angustissimis.

DESCRIPTIO.
Caulis fruticosus, pedalis, erectus, filiformis; rami et ramuli filiformes, virgati, glabri.

Folia quaterna, linearia, angusta, glabra, erecta; petiolis brevissimis, adprelia.

Flores terminales, subfolitarii, cernui; pedunculi colorati, bradeis tribus, coloratis, subulatis, infundulii.

Calyx. Perianthium tetraphyllum, foliolis ovatis, acuminatis, concavis, adprelia, coloratis.

Corolla globoso-campanulata, lutea; lacinii semi-ovatis, subreflexis.


Habitat ad Caput Bonae Spei.

Florae a menti Junii, in Augustum.

REFERENCE.
1. Calyx, et Corolla.
2. Corolla.
3. Calyx, lente auscultus.
5. Anthera una, auscult.
6. Pistillum, lente auscultum.

SPECIFIC CHARACTER.
HEATH, with beardless tips, within the blossom; flowers grow singly, hanging down; cups coloured; blossoms globularly bell-shaped, and yellow; leaves grow by fours, are linear, and very narrow.

DESCRIPTION.
STEM shrubby, grows a foot high, upright, and thread-shaped; the greater and smaller branches are thread-shaped, twiggy, and smooth.

LEAVES grow by fours, linear, narrow, smooth, and upright; very short foot-stalks, pressed to the branches.

FLOWERS grow mostly solitary, at the end of the smaller branches, hanging down; the foot-stalks are coloured, having three awl-shaped, coloured floral leaves on them.

EMPALEMENT. Cup four-leaved, leaflets egg-shaped, pointed, concave, pressed to the blossom, and coloured.

BLOSSOM, globularly bell-shaped, and yellow; the segments half egg-shaped, and a little reflexed.

CHIVES. Eight hair-like threads, curved inwards. Tips beardless, and within the blossom.


Native of the Cape of Good Hope.

Flowers from June, till August.

REFERENCE.
1. The Empalement, and Blossom.
2. The Blossom.
3. The Empalement, magnified.
4. The Chives, and Pointal.
5. A Tip, magnified.
6. The Pointal, magnified.
ERICA capitata.

**CHARACTER SPECIFICUS.**

*Erica,* antheris muticis, sub-inclusis; corollis globosis, albidis, tomentosis, tectis calycis magnis, hirsutis, coloratis; foliis ternis, pilosis.

**DESCRIPTIO.**

*Caulis* erectus, laxus, filiformis, suffus; rami filiformes, villosi; ramuli capillares, frequentes, tomentosi.

*Folia* ternaria, linearia, obtusa, dorso suffusa, pilis longis hirta; petiolis brevissimis, adpressis.

*Flores* in extremis rami terminales bini, vel terni, cernuo-patentes; pedunculi brevissimi, bracteis tribus, minutis, adpressis, infructis.

*Calyx.* Perianthium tetraphyllum, foliolis ovatis, concavis, incurvatis maximis, totis densissime hirtis, adpressis, luteo-viridis.

*Corolla.* Sub-globosa, alba, lanata, in fructu calyceis fere recondita.

*Stamina.* Filamenta octo capillaria, receptaculo inferta. Antherae muticae sub-inclusae.


Habitat ad Caput Bonae Spei.

Floret a menti Julii, in Odobrem.

**REFERENTIA.**

1. Calyx, et Corolla.
2. Corolla.
3. Calyx, lente aussus.
5. Stamina a Pistillo detached, anthera una lente aussa.

**SPECIFIC CHARACTER.**

*Heath,* with beardless tips, just within the blossoms, which are globular, white and downy, being covered with a large, hairy, coloured cup; leaves grow by threes, and are hairy.

**DESCRIPTION.**

*Stem* upright, weak, thread-shaped, and brown; branches thread-shaped, and hairy; small branches like hairs, numerous, and downy.

*Leaves* grow by threes, linear, blunt, furrowed at the back, and covered with long, harsh hairs; foot-stalks very short, and pressed to the branches.

*Flowers* grow at the extremity of the smaller branches, by twos or threes, spreading out, and nodding; foot-stalks very short, having three small floral leaves, which are pressed to the blossoms.

*Empalement.* Cup of four leaves, which are egg-shaped, concave, turned inwards, very large, quite covered with strong hairs, pressed to the blossoms, and of a yellow-green.

*Blossom* nearly globular, white and woolly, almost hid within the cup.

*Chives.* Eight hair-like threads, fixed into the receptacle. Tips beardless, and nearly within the blossom.

*Pointal.* Seed-bud nearly round, and hairy at the end. Shaft thread-shaped, and without the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from the month of July, till October.

**REFERENCE.**

1. Empalement, and Blossom.
2. A Blossom.
3. The Empalement, magnified.
4. The Chives, and Pointal.
5. The Chives detached from the Pointal, one Tip magnified.
6. The Shaft, and its Summit, magnified.
null
ERICA cerinthoides.

**CHARACTER SPECIFICUS.**

*Erica,* antheris muticis, inclusis; corollis tubulato-ventricosis, lute fanguineis, faíciculatis, hispidis; foliis quaternis, rigidis, ciliatis.

**DESCRIPTION.**

*Caulis* flexibilis, erectus, cinereus, fesquipedicalis; rami pauci, erecti, raro ramuloti.

*Folia* quaterna, ciliata, oblonga, convexa, subitus fulco exerata, petiolis brevibus, adpressis.

*Flores* magni, sessiles, aggregati in capitulum, cernui, pedunculi hispidi, bracteis tribus foliis similibus instructi.

*Calyx.* Perianthium tetraphyllum, foliolis lanceolatis, hispidis, foliis similibus.

*Corolla.* tubulato-ventricosa, lute fanguinea, hispita, ore obfoletae quadrifida; pollicaria.

*Stamina.* Filamenta octo capillaria. Antherae muticae, inclusae.


Habitat ad Caput Bonae Spei.

Florae a mensi Augusti, in Aprilin.

**REFERENCE.**

1. Calyx, et Corolla.
2. Calyx lente auëtas.
4. Stamina a Pistillo diduca; anthera una lente auëta.
5. Stylus, et Stigma, lente auëta.

**SPECIFIC CHARACTER.**

*Heath,* with beardlefs tips, within the blossoms, which are of an inflated tubular shape, of a rich blood colour, hairy, and bundled together; the leaves grow by fours, are lathed, and lathed.

**DESCRIPTION.**

*Stem* grows upright, pliant, ash-coloured, and a foot and a half high; the branches are few, and upright, seldom branching.

The *Leaves* grow by fours, are lathed, oblong, rounded on the upper surface, and deeply furrowed on the under side, with short footstalks, pressed to the stems.

The *Flowers* are large, growing in close bunches, fixed altogether at the end of the branches, bending downward; the footstalks are hairy, having three floral leaves, similar to the other leaves.

*Empalement.* Cup four-leaved, which are lance-shaped, hairy, and like the other leaves.

*Blossom,* of an inflated tubular form, hairy, and of a rich red or blood colour, the mouth slightly cut into four segments; an inch long.

*Chives.* Eight hair-like threads. Tips beardless, and within the blossom.

*Pointal.* Sessile-veil cylinder shape, and hairy. Style thread-shaped, nearly without the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from August, till April.

**REFERENCE.**

1. The Empalement, and Blossom.
2. The Empalement magnified.
3. The Chives, and Pointal.
4. The Chives detached from the Pointal; one tip magnified.
5. The Shaft, and its Summit, magnified.
ERICA cernua.

**CHARACTER SPECIFICUS.**

**ERICA**, antheris erifatis, includis; floribus umbellatis, cernuis, recurvis, sub-ovatis, pallide-carneis; foliis quaternis.

**DESCRIPTIO.**

**CAULIS** fruticosus, erectus, pedalis; rami sub-fimblices, creto-patenti.

**FOLIA** quaterna, linearia, obutata, subflaps fulcata, sub-lobulata; petiolis brevissimis, adpressis.

**FLORES** in apice ramorum umbellati, cernui; pedunculi longi, colorati, bracteis tribus, linearibus, infractis.

**Calyx.** Perianthium tetrathyllum, foliolis minutis, subulatis, ciliatis, coloratis.

**Corolla.** Sub-ovata, pallide-carnea; laciniis limbi acuminatis, sub-crematis.

**Stamina.** Filamenta ocelo capillaria apice intorium declinata. Antherae crisidis, includae.

**Pistillum.** Germen turbinatum, fulcatum. Stylus cylindricus, sub-inclusus. Stigma obsolclè tetragonum.

**Habitat** ad Caput Bonae Spei.

**Floret** a mensi Augusti in Decembrum.

**REFERENTIA.**

1. Calyx, et Corolla.
2. Calyx, lente acutus.
3. Stamina a Pistillo didueta, anthera una lente acuta.

**SPECIFIC CHARACTER.**

**HEATH,** with crested tips, within the blossom; the flowers grow in bunches, nodding, all pointing one way, nearly egg-shaped, and of a pale flesh colour; leaves growing by fours.

**DESCRIPTION.**

**Stem** frubby, upright, and grows a foot high; the branches are almost simple, upright, and spreading.

**Leaves** grow by fours, linear, blunt, channelled beneath, and roughish; having very short foot-stalks prefixed to the branches.

**Flowers** grow in bunches, at the end of the branches, nodding; the foot-stalks are long and coloured, with three linear floral-leaves on them.

**Emplacement.** Cup of four leaves, which are small, awl-shaped, fringed, and coloured.

**Blossom,** nearly egg-shaped, of a pale flesh-colour; the segments of the border tapered, and nearly upright.

**Chives.** Eight hair-like threads, bent downward on the inner side. Tips crested, and within the blossom.

**Pointal.** Seed-bud turban-shaped, and channelled. Shaft cylindrical just within the blotch. Summit obscurely four-cornered.

**Native of the Cape of Good Hope.**

Flowers from August, till December.

**REFERENCE.**

1. The Emplacement, and Blossom.
2. The Emplacement, magnified.
3. The Chives detached from the Pointal; one tip magnified.
4. The Seed-bud, Shaft, and Summit, magnified.
A SHORT DISSERTATION, &c.

Antecedent to the year 1770, the few species of this, now so numerous Genus, known in our British gardens, were, the E. vulgata, E. Tetralyx, E. cinerea and E. vagans natives; the E. Dihoris, from Ireland; the E. Arborea introduced in 1748, from Madeira; the E. herbacea or carnea in 1783, from Switzerland; the E. mediterranea in 1785, from Minorca, and the E. scoparia, E. viridi-carnea, E. australis, E. ciliata and E. umbellata, from Portugal, between the years 1768 and 1770. The two other European species we possess, the E. stricta and E. multiflora, natives of Spain, have been but twelve years in cultivation with us. Of the African species, found within the district of the Cape of Good Hope and the adjacent territory, which have thus far extended; and which, but as an echo to the general voice, may be said to contribute, by the extreme brilliancy of the flowers of these species, more than any other, to the present splendor of our green-houses, were unknown, till the above seas, to our English botanists, but a name. In the year 1772 seeds of two species were received, at the Hamumbledon nursery, from the Cape, both of them vegetated; the first which flourished, proving the E. tubiflora, of the Sp. Plant. of Linnaeus; the other, from the resemblance it bears to the Speciex Fic, was then named E. ericifolia, in the Kew catalogue, to E. concinna. Francis Masson, botanical collector to His Majesty at the Cape, laid the foundation for the celebrity of that superb collection at Kew, for which many years, with unfailing hopes, for outcome all others, particularly by the number and variety of this most beautiful tribe of plants, that refer to the second Vol. of the Flora of the Cape of Good Hope; where are the E. ulmifolia, E. heta, E. petiolaris, E. baccans, E. maritima, E. aschera, E. coriifolia, E. paniculata, E. empetriformis, E. scoparia, E. caput, E. corymbosa, E. viridi-cinerea, E. Plectodonta, E. Petiveri, and E. petiolaris, are all stated to have been of that year's introduction. From this period, till within these few years, the accession was so rapid, that it would be difficult, if nearly impracticable, to ascertain the precise date when most of the remaining species were introduced; as many different collections were about this time, or shortly after, producing in their culture new species to which they each claimed the honour of priority of introduction; the enumeration of these, therefore, in succession would be but a list of names, and in no way illustrate the present subject. It will be nothing relevant to our purpose, to know how many Erics were enumerated by Peltier, Plekane, Hermann, Oldenland, Ray, &c; &c; as, before Linnaeus had, by his mode of classification, determined the precise limits of the Genus, the confusion that then prevailed all the older Botanists is such, that any comment from them, would rather perplex, than elucidate. Wherefore, beginning with the Systema Naturae of Linnaeus, Vol. II. of 1767, including the European species, he there enumerates but 42; and Dahlgren, in 1770, edited a dissertation, under his eye, on the genus, containing a catalogue of 58 names from Bergius, the Mantissa, Plantarum of 1781. From this last work, and some other sources, Murray has, in his Systema Vegetabilium of 1784, made up a catalogue of 74 names. The last to be noticed till the appearance of the Hort. Kew, is, the Dissertation of Ericha; published under the inspection of Linnaeus, in 1789, with a list and descriptions of 91 species. In the year 1789, a Catalogue of the plants cultivated in the Royal Gardens at Kew, was published by Mr. Aiton; where, 41 Heaths are to be found in the 2d Vol.; and four in the addenda at the end of the 3d, making in all 45. Martyn in his Edition of Miller's Dictionary of 1795, article Erica, enumerates but 84. Willemenow, collating from all the foregoing, and assuring by his friend Wundland, of the Royal Gardens at Herrenhausen, Hamort: has mounted the list to 195, in his Species Plantarum, now publishing in continuation at Berlin. Thus, however, as will appear by the catalogue, falls for short of the number we have now, in actual cultivation in Britain. From the great number of beautiful specimens lately received by G. Hibbert, Esq. of the Hammersmith nursery, those which were accompanied by seeds, now flowering plants, contributing to the present richness of the extensive and superb Collection of that Gentleman at Clapham, and brought from the Cape of Good Hope by Mr. Niven, who was employed for the only purpose, of amassing the vegetable treasures of that country, to enrich the Clapham gardens, and beyond, to the numberless importations, by different hands, since we have been in possession, by potation, of that territory; a fair conjecture may be made, that the Genus is not bounded, by double the number of species with which we are at present acquainted. Few, if any, of the species, but have been increased by cuttings; which has occasioned the total disuse of propagation by layers; wherefore, the only methods we shall treat of, is that, and from the seed. The process for the making, and planting of the cuttings, is as follows. Let a middle sized pot be prepared by filling it, within three inches of the margin, with small broken potshards, or some such matter; to the end that, a constant and ready drain may be gained for the water, which it will be necessary to give the cuttings, at any time the earth, &c. shall appear dry on the surface. Then consulting the list given with Volume 1st, take a sufficient quantity of sandy loam, or a sandy loam, mixed for the number of any of them freely sifted, to fill the pot up to the margin, and press it lightly with the hand; thus prepared it is fit to receive the cuttings. These must be taken about an inch long, or shorter, according to the nature and season of the plants making their fresh branches, from the smallest and tenderest shoots; cutting off the leaves from both ends of their length close to the shoot; for which a pair of small scissors, is the most convenient. When a few are thus made ready, for not many should be cut at a time, lest they wither before they can be planted, with a small piece of wood, tapered to a point, dibble them into the pot; fixing the lower end of the cutting as firm as possible. When the pot has been thus filled with them, at about half an inch distance each way, leaving a clear half inch from the inner edge; cover them with a small bell-glass, protected as near as possible to fit within its inner rim, then with a larger bell-glass, or frame, where it can, but kept from the stronger rays of the sun, until the cuttings are rooted. Some time after this has taken place, which will be known by their growth, the small bell-glass must be first removed; about a week after, the pot may be taken from under the large bell-glass, and the plants exposed to the open air, in the shade of a north wall, or in winter put in the shady part of the green-house, to protect them from both the sun and wind, till they are removed into separate pots. The seeds of some species, which ripen in this country, as well as those which may be procured from the Cape, may be sown about the middle of March, in pots, prepared in the same way, as directed for cuttings; with this exception, that the earth be invariably sandy peat freely sifted; the seeds should be covered so slightly, that they may be but just concealed; when covered, they must be watered with a watering-pot whose rose, or head should admit of a passage for the water, only a light dew; but the seedlings being all of the same nature, may be thus watered, till they are quite rooted. Both plants from cuttings, and seedlings, may be removed with greater safety whilst quite young, than after they have acquired a considerable size. The smallest pots that can be procured, are the best for the first transplanting; in which they should remain, till the pots are quite filled with roots. The earth in which all Heaths thrive most is a soil, loose, sandy peat. That nothing may be wanting, which we can contribute, to the illustration of the Genus; A list is subjoined, compiled by Messrs. Lee and Kennedy, of all those species cultivated in their gardens, Ham­nsdorff; unquestionably, the most extensive collection, of living plants, of every denomination, now in Europe.
ERICA coccinea.

**CHARACTER SPECIFICUS.**

**ERICA**, antheris muticis, sub-inclusis, stylus ex-territus; flores in suffumitate ramorum, verticillati, clavati, curvati, coccinei; foliola calycis acuta; folis fexis, incurvis.

**DESCRIPTIO.**

**Caulis** erectus, cinereo-fuscus, pedalis; rami verticillati, ereto-patentes, raro ramulosi.

**Folia** fusa, incurvata, acuta, glabra, sub-glauca; petiolis adpreffis.

**Flores** in suffumitate ramorum verticillati, con-ferti, breviifime pedunculati, bracteae calyciformes.

**Calyx.** Perianthium tetraphyllum, foliolis subulatis, marginibus membranaceis, acutis, carinatis.

**Corolla** curvata, elevata, pubefcens, fanguinea; oris laciniis erectis.

**Stamina.** Filamenta octo capillaria, longitudine tubi. Antherae muticæ, sub-inclusæ.

**Pistillum.** Germen turbinatum, fulcatum. Stylus filiformis, eftertus. Stigma tetragonum.

Habitat ad Caput Bone Spei. Floret a mensi Augusti, in Decembrem.

**REFERENTIA.**

1. Calyx, et Corolla.
2. Calyx lente acuta.
4. Stamina a Pistillo diducita, anthera una lente acuta.
5. Stylus, et Stigma, lente acuta.

**SPECIFIC CHARACTER.**

**Heath,** with beardless tips, just within the blossum, shaft without; the flowers grow at the end of branches in whorls, club-shaped, curved, and of a scarlet colour; the leaves of the cup are sharp-pointed; the leaves grow by fixes, and are turned inwards.

**DESCRIPTION.**

**Stem** upright, of a brownish ash-colour, growing a foot high; branches grow in whorls, upright, and spreading, seldom branching.

**Leaves** grow by fixes, turned inwards, sharp-pointed, smooth, and of a bluish green; the leaf-stems pressed to the branches.

**Flowers** grow in close whorls at the top of the branches; the foot-stalks very short, the floral leaves appearing like a second cup.

**Empalement.** Cup four-leaved, which are awl-shaped, skinny at the edges, sharp-pointed, and keel-shaped.

**Blossom** curved, club-shaped, downy, and of a blood colour; the segments of the mouth are upright.

**Chives.** Eight hair-like threads, the length of the tube. Tips beardless, and just within the blossum.

**Picolal.** Seed-bud turban-shaped, and furrowed. Shaft thread-shaped, and without the blossum. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from August, till December.

**REFERENCE.**

1. The Empalement, and Blossum.
2. The Empalement magnified.
3. The Chives, and Picotal.
4. The Chives detached from the Picotal, one tip magnified.
5. The Shaft, and its Summit, magnified.
ERICA conspicua.

CHARACTER SPECIFICUS.

ERICA, antheris basi bicornibus, exsertis; coroliis clavatis, sesquipollicaribus, luteis; foliis quadrernis, glabris, obtusis, crassis.

DESCRIPTION.

Caulis fruticosus, erectus, tripedalis, ramosus; ramulis verticillatis, brevibus.

Folia quaterna, obtusa, linearia, crassa; petiolis brevissimis, adpressis.

Flores in apicibus ramorum terminales, nutantes, pedunculis brevibus, bracteis tribus spatulatis.

CALYX. Perianthium tetraphyllum; foliolis obtusis, glabris, sub-ovatis.

COROLLA clavata, sesquipollicaris, lutea, basi attenuata; oris laciniis magnis, revolutis.

STAMINA. Filamenta octo capillaria, receptaculo incerta; antheris bifidis, basi bicornibus, exsertis.


Habitat ad Caput Bonae Spei.

Florae a mense Junii in Augustum.

REFERENCE.

1. Calyx et Corolla.
2. Calyx lente auctus.
4. Stamina a Pistillo dextra, anthera unà lente aucta.
5. Stylus et Stigma lente aucta.

SPECIFIC CHARACTER.

HEATH, with tips two-horned at their base, and without the blossom: the blossoms are club-shaped, an inch and a half long, yellow: the leaves grow by fours, are smooth, blunt, and thick.

DESCRIPTION.

Stem shrubby, upright, grows three feet high, and branching: the smaller branches are short, and grow in whorls.

Leaves grow by fours, are blunt, linear, thick, and have short foot-stalks pressed to the branches.

Flowers are terminal at the summit of the smaller branches, waving, having short foot-stalks, with three spathula-shaped floral leaves.

EMPALMENT. Cup four-leaved: leaves blunt, smooth, and nearly egg-shaped.

Blossom club-shaped, an inch and a half long, yellow, and tapering to the base: the segments of the mouth are large, and rolled back.

CHIVES. Eight hair-like threads, fixed to the receptacle: the tips are cleft, two-horned at their base, and without the blossom.


Native of the Cape of Good Hope.

Flowers from June till August.

REFERENCE.

1. The Empalement and Blossom.
2. The Empalement magnified.
3. The Chives and Pointal.
4. The Chives detached from the Pointal, one tip magnified.
5. The Shaft and its Summit magnified.
ERICA coronata.

CHARACTER SPECIFICUS.

ERICA, antheris arifatis, inclusis; corollis cylindrico-clavatis, fpeciofiflimis; folii octoris feu spiriliter fparfis, truncatis, arcuatis.

DESCRIPTIO.

CAULIS fruticofus, erec tus, bipedalis, basi simplicissimus, rami pauci, simplices, longi.

FOLIA octona, linearia, obtufa, supra scabra, subtus fulcata, attenuata in petiolos longos capillares.

FLORES plures, subterminales, simpliciter verticillati, conferi, viroci; pedunculi longi recurvati, braeftis tribus inftructi.

CALYX. Perianthium tetraphyllum, foliolis lanceolatis, viroci, adpreliis.

COROLLA cylindrico-clavata, pollicaria, apice recurvata, ima parte profunde carnea, apice viride, ore arcuata, lacinis rectis.

STAMINA. Filamenta oço capillaria; receptaculo inferta. Antherae arifatae, inclusi.


Habitat ad Caput Bonae Spei.

Floret a Februarii, in Aprilem.

REFERENTIA.

1. Folium unum, cum petiolo.
2. Calyx, et Corolla.
3. Calyx, lente adus.
5. Stamina a Piftillo, diduc a, anthera una lente adus.

SPECIFIC CHARACTER.

HEATH, with bearded tips, within the blossoms, which are cylindrically club-shaped and very fleshy; the leaves grow by eights or spirally scattered, appear cut off at the ends and arched.

DESCRIPTION.

STEM shrubbery, erect, grows two feet high, simple at the base, with but few branches, which are simple, and long.

LEAVES grow by eights, are linear, blunt, rough on their upper, and furrowed on their under surface, tapering into long hair-like footstalks.

The FLOWERS are numerous, nearly terminating the branches, in simple whorls, crowded together, and clammy; the foot-stalks are long, bent backward, with three floral leaves.

EMPANELMENT. Cup four-leaved, leaflets lance-shaped, clammy, and pressed to the blossom.

BLOSSOM cylindrically club-shaped, an inch long, bent back at the point, the lower part of a strong fleshy colour, the end green, compressed at the mouth, whose segments are frright.

CHIVES. Eight hair-like threads fixed into the receptacle. Tips bearded, and within the blossom.

POINTAL. Seed-veil club-shaped, and furrowed. Shaft thread-shaped, almost without the blossom. Summit shield-shaped, concave, and green.

Native of the Cape of Good Hope.

Flowers from February, till April.

REFERENCE.

1. A Leaf, with its foot-stalk.
2. The Empalement, and Blossom.
3. The Empalement, magnified.
4. The Chives, and Pointal.
5. The Chives detached from the Pointal; one tip magnified.
6. The Shaft, and its Summit magnified.
ERICA costata.

CHARACTER SPECIFICUS.
ERICA, antheris muticis, inclusis; stylo exerto; corollis sub-cylindraceis, incarnatis, coftatis; foliis pubescentibus, ternis.

DESCRIPTIO.
Caulis fruticosus, bipedalis, erectus ramosus; ramuli frequentiissimi.
Folia caulina, terna, recta, linearia, obtusa, pubescentia; folia ramea, erecta, ovata, subferrata, acuminata; petiolis adpressis.
Flores plures, tres, quatuorve ramuli terminatis; pedunculi brevissimi.
Calyx. Perianthium duplex; interim, tetraphyllum, foliis sub-ovatis, acuminatis, serratis, coloratis, apice fulcatis, adpressis; exterius triphyllum, priori brevioribus, virecentibus.
Corolla sub-cylindracea, apice paulula curvata, incarnata, coftata; oris laciniis erectis, albidos, obtulis.
Stamina. Filamenta octo, ima parte fpathulata, receptaculo inferta. Antherae inclusae, muticae.

Habitat ad Caput Bonae Spei.
Floret a Februarii, in Junium.

REFERENTIA.
1. Folium unum, lente auctum.
2. Calyx, et Corolla.
3. Calyx, lente auctus.
5. Stamen unum, lente auctum.

SPECIFIC CHARACTER.
Heath, with beardless tips, within the blossom; pointal without; blossoms nearly cylindrical, flesh-coloured, and ribbed; leaves downy, growing by threes.

DESCRIPTION.
Stem shrubby, grows two feet high, upright, and branching; the smaller branches are numerous.

The Leaves of the stem grow by threes, straight out, linear, blunt, and downy; those on the smaller branches, more upright, egg-shaped, a little fawed at the edges, and sharp pointed; the foot-stalks pressed to the branches.

The Flowers are numerous, growing by threes, or fours, at the end of the smaller branches; foot-stalks very short.

Emplacement. Cup double; the inner four-leaved; leaves almost egg-shaped, pointed, fawed, coloured, furrowed at the point, and pressed to the blossom; the outer three-leaved, shorter than the former, and greenish.

Blossom nearly cylindrical, curved a little at the end, of a flesh colour, and ribbed; the segments of the mouth are upright, white and blunt.

Chives. Eight threads, fpathula-shaped at the base, and fixed into the receptacle. Tips within the blossom, and beardless.

Pointal. Seed-veil almost cylinder-shaped, and furrowed. Shaft tapered, without the blossom, and curved at the end. Summit four-cornered, and green.

Native of the Cape of Good Hope.
Flowers from February, till June.

REFERENCE.
1. A Leaf, magnified.
2. The Emplacement, and Blossom.
3. The Emplacement, magnified.
4. The Chives, and Pointal.
5. One Chive, magnified.
6. The Shaft, and its Summit, magnified.
ERICA cruenta.

CHARACTER SPECIFICUS.

ERICA, antheris ariftatis, sub-inclusis, foliis quaternis, corollis sub-ternis, glabris. clavato-cylindricis, pollicaris, faturate fanguineis.

DESCRIPTION.

Caulis fruticosus, bipedalis, erectus; rami erecti, ramulosi; ramulis brevissimis, frequentissimis.

Folia quaterna, linearia, glabra, nitida, faturate viridia, petiolis brevissimis, adpressis.

Flores in ramulis terminales, prope caulis summum, racemum quasi formantes longum; pedunculi longi, bracteis tribus ad basim infiruculiti.

Calyx. Perianthium tetraphyllum, foliolis lanceolatis, ferratis, adpressis.

Corolla clavato-cylindrica, glabra, cruenta, pollicaris; oris laciniis rectis, obtusis.

Stamina. Filamenta octo capillaria, receptaculo inserita; antherae aristatae, sub-inclusae.

Pistillum. Germen sub-ovatum, fulcatum, pubescentum; stylos erectus; stigma tetragonum.

Habitat ad Caput Bone Spei.

Florae mensis Augusti, in Decembro.

REFERENTIA.

1. Calyx, et Corolla.
2. Calyx, lente auctus.
4. Stamina a Pistillo didueta; anthera una lente aucta.
5. Stylus, et Stigma, lente aucta.

SPECIFIC CHARACTER.

HEATH, whose tips are bearded, and just within the blossom; the leaves grow by fours, the flowers mostly by threes, and are smooth, cylindrically club-shaped, an inch long, and of a deep blood colour.

DESCRIPTION.

Stem shrubby, grows two feet high, and upright; the branches grow upright, having many smaller branches, which are thick set, and very short.

The Leaves grow by fours, are linear, smooth, shining, and of a deep green, having very short foot-stalks, pressed to the stem.

The Flowers terminate the shorter branches near the summit of the stem, forming as it were a long bunch; the foot-stalks are long, having three floral leaves at their base.

Empalement. Cup four-leaved, which are lance-shaped, laced, and pressed to the blossom.

The Blossom is cylindrically club-shaped, smooth, blood colour, and an inch long; the segments of the mouth are obtuse, and straight.

Chives. Eight hair-like threads, fixed into the receptacle; the tips are bearded, and just within the blossom.

Pointal. Seed-vesel nearly egg-shaped, furrowed, and downy; Shaft without the blossom; Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from August, till December.

REFERENCE.

1. Empalement, and Blossom.
2. The Empalement magnified.
3. The Chives, and Pointal.
4. The Chives detached from the Pointal; one tip magnified.
5. The Shaft, and its Summit magnified.
ERICA cubica.

CHARACTER SPECIFICUS.

Erica, antheris bafi bicornibus, sub-inclusis; stylos longifimus; corollis sub-campanulatis, purpureis, oris laciniis patulis, ovatis; foliis sub-quaternis, obtusis.

DESCRIPTIO.

Caulis eredlus, teres, ramosus, fruticosus, pedalis; rami et ramuli filiformes, laxi, erexiti.

Folia quaterna, siepe quina, obtusa, reflexa, apice incurvata, glabra, niuida, subitus lateata; petiolis rubris, adpreffis.

Flores sub-terminales, umbellati, cernui; pedunculi longifimi, angulati, purpurei, foliolis binis, coloratis infertis.

Calyx. Perianthium tetraphyllum, foliolis ovatis, acuminatis, adpreffis, apecibus viridis.

Corolla globofo-campanulata, purpurea, limbo maximo, expansive; laciniis ovatis, concavis.

Stamina. Filamenta octo capillaris, longitudine tubi, receptaculo inerta. Antherae bifidas, ad basim bicornus.


Habitat ad Caput Bonae Spei.

Floret a mensi Aprili, in Julium.

REFERENTIA.

1. Calyx, et Corolla.
2. Calyx lente adaxius.
4. Stamina a Pistillo didueta; anthera una lente adaxia.
5. Stylus, et Stigma, lente adaxius.

SPECIFIC CHARACTER.

Heath, with tips two-horned at the base, nearly within the blossoms; shaft very long; blossoms almost bell-shaped, and purple, having the segments of the mouth spreading, very large, and egg-shaped; leaves growing mostly by fours, and blunt ended.

DESCRIPTION.

Stem upright, cylindrical, branching, shrubby, growing a foot high; the larger and smaller branches are thread-shaped, weak, and upright.

Leaves grow by fours, often by fives, blunt ended, bent back, and turned inward at the point; smooth, shining, and channelled beneath; foot-stalks red, and preffed to the stem.

The Flowers grow near the summits of the branches, in bunches, hanging down; having very long foot-stalks, angled, purple, and two small, coloured leaves on them.

Empalement. Cup four-leaved, which are egg-shaped, tapered, and preffed to the blossom, the points green.

Blossom globularly bell-shaped and purple, the border very large and spreading; the segments egg-shaped and concave.

Chives. Eight hair-like threads, the length of the tube, fixed into the receptacle. Tips two-cleft, and two-horned at the base.

Pointal. Seed-bud nearly globular. Shaft thread-shaped, without the blossom, twice its length, and purple. Summit concave, and bordered.

Native of the Cape of Good Hope.

Flowers from April, till July.

REFERENCE.

1. The Empalement, and Blossom.
2. The Empalement magnified.
3. The Chives, and Pointal.
4. The Chives detached from the Pointal; one tip magnified.
5. The Shaft, and Summit, magnified.
ERICA curviflora.

CHARACTER SPECIFICUS.

ERICA, antheris muticis, sub-exsertis; corollis curvatis, clavato cylindricis, pubescentibus, terminalibus, luteo-aurantiis; foliis quadratis, linearibus, glabris.

DESCRIPTIO.

CAULIS fruticofus, bipedalis; laxus, superne villosus; rami laxi, ramulosi, ramulis brevissimis, frequentissimis, sparse.

FOLIA quadrata, linearia, obtusa, glabra, subtus fulcata.

FLORES terminales in ramulis, patenti, racemo longum formantes; pedunculi brevissimi, foliolis tribus, adpressis.

CALYX. Perianthium tetraphyllum, foliolis subulatis, acuminatis, glabris, adpressis.

COROLLA curvata, clavata, pollicaris, pubescentia, luteo-aurantia; oris laciniis expanlis.

STAMINA. Filamenta octo capillaria, curvata, longitudine tubi. Antherae muticis.


Habitat ad Caput Boni-Spei.

Floret a mensi Julii, in Novembrem.

REFERENTIA.

1. Calyx, et Corolla.
2. Calyx, lente auctus.
4. Stamina a Pistillo diducta; anthera una lente aucta.
5. Stylus, et Stigma, lente aucta.

SPECIFIC CHARACTER.

HEATH, with beardless tips, just without the blossoms, which are curved, cylindrically club-shaped, downy, terminating the branches, and of a yellow gold colour; the leaves grow by fours, are linear, and smooth.

DESCRIPTION.

STEM shrubby, grows two feet high, weak, and hairy at the top; branches weak and numerous; the smaller branches are very short, numerous, and scattered.

LEAVES grow by fours, are linear, blunt, smooth, and furrowed underneath.

FLOWERS terminate the smaller branches, spreading out, and forming a long spike; footstalks very short, with three small leaves pressed to the cup.

EMPALMEMENT. Cup four-leaved, which areawl-shaped, tapering, smooth, and pressed to the blossom.

BLOSSOM curved, club-shaped, an inch long, downy, and of a yellow gold colour; the segments of the mouth spread outward.

CHIVES. Eight hair-like threads, which are curved, and the length of the blossom. Tips beardless.

POINTEAL. Seed-bud club-shaped, and furrowed. Shaft thread-shaped, curved, and without the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from July, till November.

REFERENCE.

1. The Empalmement, and Blossom.
2. The Empalmement, magnified.
3. The Chives, and Pointal.
4. The Chives detached from the Pointal; one tip magnified.
5. The Shaft, and its Summit, magnified.
ERIC A dicolor.

CHARACTER SPECIFICUS.
ERICA, antheris arifiatis, inclusis; stylo exerto; corollis tubulosis, subcylindraceis; foliis ternis.

DESCRIPTIO.
CAULIS fruticosus, tripedalis, teres, cerasus, graciis, supere pupecentis, ramulis subduplicibus.
FOLIA ternis, linearis, creto-patentia, suprema, subflata, nitida, saturea viridiss.

FLORES pleurnque tres, subterinum, ramei, terminalis, prope caulis summitatem.

CALYX. Perianthium duplex, interius tetraphyllum, foliis ovatis, cerasis, luteo-virentibus: exterius triphyllum, foliis brevirotibus priori incumbentibus.

COROLLA tubulosa, subcylindracea, ima parte, carneis, pallida, suma, flavo-virecente, limbo quadrilobo, aequaliter eretiusculo.

STAMINA. Filamenta octo capillaria, receptaculo infecta. Antherae oblongiufculae, bipartitas, inclusae, arifiatis.

PISTILLUM. Germen oblongum. Stylus filiformis, corolla longior, apice inlexo. Stigma subtetragonis, virecentis.

Habitat ad Caput Bonae Spei.
Floret a Novembri in Aprilern.

REFERENCE.
1. Calyx, et Corolla.
2. Calyx lente audtas.
4. Stamina a Pistillo diducu; anthera una lente audta.
5. Stylus, et Stigma lente audta.

SPECIFIC CHARACTER.
HEATH, with bearded tips within the blossom; the point standing out; the blossom tubular, nearly cylindrical; leaves growing by threes.

DESCRIPTION.
STEM shrubby, grows to three feet high, cylindrical, upright, flenderer, downy at the top, the branches seldom divided.

LEAVES growing by threes, linear, between upright and spreading, smooth on the upper, and rolled back on the under, surface, shining and dark green.

FLOWERS are commonly three together, bending a little downward, terminating the branches near the upper part of the stem.

EMPALMENT. Cup double, the inner four-leaved, ovate, crested, and of a greenish yellow; the outer three-leaved, the leaves shorter than the former, and lying on them.

BLOSSOM tubular, nearly cylindrical, of a light flesh colour at the base, and yellowish green at the mouth, which is divided into four equal nearly erect segments.

CHIVES. Eight hair-like threads, fixed into the receptacle. Tips nearly oblong, divided, bearded, and within the blossom.

POINTAL. Seed-vesfel oblong. Shaft thread-shaped, longer than the blossom, the point bending. The Summit nearly four-cornered, and greenish.

Native of the Cape of Good Hope.

Time of flowering from November till April.

REFERENCE.
1. The Empalement with the Blossom.
2. The Empalement magnified.
3. The Chives and Pointal.
4. The Chives detached from the Pointal, one tip magnified.
5. The Shaft, and its Summit magnified.
ERICA droseroides.

CHARACTER SPECIFICUS.

ERICA, antheris cristas, inclusis; corolla ventricosa, ore obliqua, purpurea; pedunculis coloratis, longissimis; foliis alternis, sparsi, obtusis, pilis glandulosis micantibus hirtis.

DESCRIPTIO.

Caulis erectus, spithameus; rami et ramuli filiformes, sparsi, erecto-patentes, virgati. Folia alterna, sparsa, linearia, obtusa, apice reflexa, pilis glandulosis hirta.

Flores terminales, sub-umbellati, sub-erecti; pedunculi filiformes, foliis duplo longiores; bracteis minute coloratis.

Calyx. Perianthium tetraphyllum; foliolis sub-ovatis, viscosis, acuminatis, coloratis, apicibus reflexis.

Corolla ventricosa, purpurea, costata, pubescens, ore obliqua, arcata, profunde sanguinea; lacinis cordatis, expansis.

Stamina. Filamenta octo capillaria, torta, receptaculo inserta; antherae cristate, inclusae.


Habitat ad Caput Bonas Spei. Floret a mense Julii ad Octobrem.

REFERENCE.

1. Calyx et Corolla.
2. Calyx lente auctus.
4. Stamina a Pistillo diducta; anthera unica lente aucta.
5. Stylus et Stigma lente aucta.

SPECIFIC CHARACTER.

HEATH, with crested tips, within the blossom, which is big-bellied, oblique-mouthed, and purple; the foot-stalks are coloured, and very long; leaves grow alternate, scattered, blunt, and thick with shining glandular hairs.

DESCRIPTION.

Stem upright, about a span high; the larger and smaller branches are thread-shaped, scattered, upright, spreading, and twiggy. Leaves grow alternate, scattered, linear, blunt, the end bent back, and thick with glandular hairs.

Flowers are terminal, nearly in bunches, almost upright; the foot-stalks are thread-shaped, and twice as long as the leaves; the floral leaves are small, and coloured.

Empalement. Cup four-leaved; leaves nearly egg-shaped, clammy, pointed, coloured, and bent outward at the top. Blossom big-bellied, purple, ribbed, and downy, with the mouth oblique, narrowed, and of a deep blood colour; the segments are heart-shaped, and spreading.

Chives. Eight hair-like threads, which are twisted, and fixed into the receptacle; the tips are crested, and within the blossom.


Native of the Cape of Good Hope. Flowers from the month of July till October.

REFERENCE.

1. The Empalement and Blossom.
2. The Empalement magnified.
3. The Chives and Pointal.
4. The Chives detached from the Pointal; one tip magnified.
5. The Shaft and its Summit magnified.
ERICA exfurgens.

**CHARACTER SPECIFICUS.**

*Erica,* antheris muticis, exfertis; foliis quaternis, mucronatis, apicibus reflexis; corollis clavato-cylindraceis, verticillatis, aurantiis.

**DESCRIPTIO.**

*Caulis* fruticosus, pedalis et ultra, erectus, basis simpliciflimus; rami verticillati, simplices, erecti.

*Folia* quaterna, linearia, glabra, apice reflexa, mucronata, supra plana, subtus fulcata, unguicularia, petiolis adpressis.

*Flores* in medio ramorum verticillati, recti; verticilli alter alteri exfurgentes; pedunculi longi, bracteis tribus inflati.

*Calyx.* Perianthium tetraphyllum, foliolis lanceolatis, acuminatis, villosis, adpressis.

*Corolla* clavato-cylindrica, pollicaria, auranti; ore limbo quadrilobo revoluto, lacinis superioribus longioribus.

*Stamina.* Filamenta odto capillaria, receptaculo inferta. Antherae muticae, magnae, exsertae.


Habitat ad Caput Bonae Spei.

Floret a mente Septembris, in Martium.

**REFERENTIA.**

1. Calyx, et Corolla.
2. Calyx lente auætus.
4. Stamina a Pistillo diduæ; anthera una lente auætus.
5. Stylus, et Stigma lente auætus.

**SPECIFIC CHARACTER.**

*Heath,* with beardless tips, without the blossom; leaves grow by fours, are sharp pointed, and bent back at the point; the blossoms are cylindrically club-shaped, grow in whorls, and orange coloured.

**DESCRIPTION.**

*Stem* thrubby, rather more than a foot high, upright, and simple at the base; the branches grow in whorls, are simple and upright.

The *Leaves* grow by fours, are linear, smooth, bent downward at the point, which is sharp, smooth on the upper, and furrowed on the under surface, half an inch long, with the footstalks pressed to the branches.

The *Flowers* grow in whorls about the middle of the branches, springing out; the whorls rise out of each other in succession; the footstalks are long, having three floral leaves.

*Empalement.* Cup four-leaved, leaflets lance-shaped, tapered, keel-shaped, clammy, and pressed to the blossom.

*Blossom,* cylindrically club-shaped, an inch long and orange coloured; the segments of the mouth are four, which are rolled back, the upper longer than the lower ones.

*Chives.* Eight hair-like threads, fixed into the receptacle. Tips beardless, very large, and without the blossom.

*Pointal.* Seed-veil club-shaped, and furrowed. Shaft thread-shaped, and longer than the chives. Summit, four-cornered.

Native of the Cape of Good Hope.

Flowers from September, till March.

**REFERENCE.**

1. The Empalement, and Blossom.
2. The Empalement, magnified.
3. The Chives and Pointal.
4. The Chives detached from the Pointal; one tip magnified.
5. The Shaft and its Summit magnified.
ERICA flexuofa.

CHARACTER SPECIFICUS.
ERICA, antheris muticis, exsertis, rubris; corollis minutis, albidis, sub-campanulatis; bracteae albas, calyciformes; rami flexuosi; foliis ternis.

DESCRIPTIO.
CAULIS fruticos, pedalis vel paulo ultra, inferne nodus, erectus; rami flexuoi, virgati; ramuli brevissimi, sub-terni.

FOLIA terna, linearia, glabra, acuta, sub-tus fulcata; petiolis adpressis.

FLORES in ultimis ramulis terminales, sub-terni; pedunculi albo-tomentosi, bracteae albidae, juxta basim calycis sitae.

CALYX. Perianthium tetraphyllum, foliolis ovatis, acuminatis, concavis, albidis, adpressis.

COROLLA minuta, sub-campanulata, alba, glabra; oris laciniis adpressis.

STAMINA. Filamenta ocho capillaria apice incurvata. Antherae muticae, exsertae, rubrae.

PISTILLUM. Germen sub-rotundum, fulcatur. Stylus filiformis, exsertus. Stigma peltatum.

Habitat ad Caput Bon® Spei.
Floret a mensi Aprilis, in Julium.

REFERENTIA.
1. Calyx, et Corolla.
2. Corolla.
3. Calyx lente acuta.
5. Stamina a Pfiliillo diducta; anthera una lente acuta.

SPECIFIC CHARACTER.
HEATH, with beardless tips, red, and without the blossoms, which are small, white, almost bell-shaped; the floral leaves are white, and resemble the cup; the branches grow zig-zag; the leaves grow by threes.

DESCRIPTION.
STEM (urny) grows rather more than a foot high, naked beneath, and upright; the branches grow zig-zagged, and twiggy; the smaller branches are short, and grow mostly by threes.

The LEAVES grow by threes, are linear and smooth, sharp, furrowed underneath; the foot-stalks pressed to the stem.

The FLOWERS terminate the ends of the smaller branches, mostly by threes; the foot-stalks are of a downy white; the floral leaves are white, and placed close to the cup.

EMPALEMENT. Cup four-leaved, which are egg-shaped, pointed, concave, white, and pressed to the blossom.

BLOSSOM small, nearly bell-shaped, white, and smooth; the segments of the mouth are pressed to the threads.

CHIVES. Eight hair-like threads, bent inwards at the end. Tips are red, beardless, and without the blossom.

POINTAL. Seed-veil nearly round, and furrowed. Shaft thread-shaped, and without the blossom. Summit shield-shaped.

Native of the Cape of Good Hope.
Flowers from April, till July.

REFERENCE.
1. The Empalament, and Blossom.
2. The Blossom.
3. The Empalament magnified.
4. The Chives, and Pointal.
5. The Chives detached from the Pointal; one tip magnified.
6. The Seed-veil, Shaft, and its Summit, magnified.
ERICA glauca.

CHARACTER SPECIFICUS.

Erica, anthoris criftatis, inclusis; floribus umbellatis, terminalibus, livide-purpureis; pedunculis longifluminis; bracteis ovatis, maximis; folia terna, linearia, carnosa, glauca.

DESCRIPTIO.

Caulis erectus, fragilis, usquepedalis; rami erecti, subsimplices, longi.

Folia terna, linearia, acuta, patentia, fulcata, glabra, carnosa, glauca; petiolis adpressis.

Flores terminales, umbellati, mutantes; pedunculi longifluminis, colorati, bracteis ternis, coloratis, ovatis, conavisi infrauti.

Calyx. Perianthium tetraphyllum, foliolis ovatis, coloratis, reflexis.

Corolla subconica, atro-purpurea, ore arcuatata; lacinis reflexis, acuminatis.

Stamina. Filamenta octo, capillaria, receptaculo inferta. Antheris criftatis, ad basim gibbosae, inclusae.


Habitat ad Caput Bonas Spei.

Floret a mensi Maii, in Julium.

REFERENTIA.

1. Calyx, et Corolla.
2. Calyx, lente auftus.
4. Stamina a Pistillo diduelti.
5. Stamen unum lente auftum.

SPECIFIC CHARACTER.

Heath, with crested tips, within the blossoms, which grow in bunches, at the end of the branches, and are of a livid purple colour; the foot-flalks very long; the floral leaves are egg-shaped, and very large; leaves grow by threes, are linear, fleshy, and of a sea-green colour.

DESCRIPTION.

Stem upright, brittle, grows a foot and a half high; the branches grow upright, with few smaller branches, and long.

Leaves grow by threes, are linear, pointed, spreading, furrowed, smooth, fleshy, and of a sea-green colour; the foot-flalks pressed to the stem.

Flowers terminate the branches in bunches, and grow nodding; the foot-flalks are very long, and coloured, having three coloured, egg-shaped, concave, floral leaves.

Empalement. Cup of four leaves, which are egg-shaped, coloured, and reflexed.

Blossom, nearly conical, of a dark purple, narrowed at the mouth; the segments reflexed, and tapered.

Chives. Eight hair-like threads, fixed into the receptacle. Tips crested, gouty at the base, and within the blossom.


Native of the Cape of Good Hope.

Flowers from May, till July.

REFERENCE.

1. The Empalement, and Blossom.
2. The Empalement, magnified.
3. The Chives, and Pointal.
4. The Chives detached from the Pointal.
5. A Chive, magnified.
6. The Seed-bud, Shaft, and Summit; the Summit magnified.
ERICA glutinosa.

CHARACTER SPECIFICUS.

ERICA, antheris muticis, inclusis; corollis glutinosissimis, verticillatis, confrertis, melinis, pollinaribus; foliis senis, micantibus.

DESCRIPTIO.

CAULIS bipedalis, erectus. Rami simplices, longi, raro ramulosi.

FOLI A sena, linearia, nitida, acuminata, glabra, leviter sulcata, patentia; petiolis adpressis.

FLORES in apicibus ramorum, verticillato-confrertis, horizontales; pedunculi breves, bracteis tribus calyci adpressis.

CA L Y X. Perianthium tetraphyllum, foliolis lanceolatis, viscosis, adpressis.

COROLLA cylindrica, pollinaris, pallido-lutea, glutinosissima, nitida, oris lucinis parum reflexis.

STAMINA. Filamenta octo, capillaria. Antherae muticae, inclusae.


Habitat ad Caput Bonæ Speci.

Floret a mense Septembri in Martium.

REFERENTIA.

1. Calyx et Corolla.

2. Calyx lente auctus.


4. Stamina a Pistillo diducta; anthera unà lente auctâ.

5. Stylus et Stigma lente aucta.

SPECIFIC CHARACTER.

HEATH, with beardless tips, within the blossoms, which are extremely clammy, in whorls, pressed together, of a straw colour, and an inch long; leaves by sixes, shining.

DESCRIPTION.

STEM two feet high, and upright. Large branches simple, long, and seldom branching.

LEAVES by sixes, linear, shining, pointed, smooth, slightly furrowed, and spreading. Footstalks pressed to the branches.

FLOWERS grow at the summit of the branches, pressed together in whorls, and horizontal; footstalks short, having three floral leaves pressed to the cup.

EMPALMENT. Cup four-leaved, with spear-shaped clammy leaflets, pressed to the blossom.

BLOSSOM cylindrical, an inch long, of a pale yellow, very clammy, shining, with the segments of the mouth slightly reflexed.

CHIVES. Eight hair-like threads. The tips beardless, within the blossom.

POINTAL. Seed-vessel turban-shaped, furrowed, and hairy at the top. Shaft thread-shaped, and without the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from September till March.

REFERENCE.

1. The Empalement and Blossom.

2. The Empalement magnified.

3. The Chives and Pointal.

4. The Chives detached from the Pointal; one tip magnified.

5. The Shaft and its Summit magnified.
ERICA grandiflora.

CHARACTER SPECIFICUS.

ERICA, antheris muticis, cohaerentibus, valde corollam excedentibus; floribus verticillatis, horizontalibus; corollis clavatis, aurantiis, sepquipollicaris, glabris; foliis sub-quaternis, patenti-nbus.

DESCRIPTION.

Caulis fruticosus, erectus, tripedalis et ultra, striatissimus; rami simplicissimi, erecti, verticillati.

Folia quaterna, leviter fulcata, rigida, recta, sub-polliparum, petiolis laxis.

Flores ex axillis foliorum sub-apice ramorum verticillati; pedunculi brevi, parce tribus, subulatis, instructi.

Calyx. Perianthium tetraphyllum, foliolis subulatis, adpressis, glabris.

Corolla clavata, sepquipollicaris, parum curvata, glabra, aurantia; lacinii aequalibus, sub-erectis.

Stamina. Filamenta octo-capillaria, apice incurvata. Antheris muticis, bifidis, lateribus cohaerentibus, longe exsertis.


Habitat ad Caput Bonae Spei.

Floret a mensi Maii, in Septembrem.

REFERENCE.

1. Calyx, et Corolla.
2. Calyx.
5. Germen, audum.
ERICA imbricata.

**CHARACTER SPECIFICUS.**

*Erica*, antheris muticis, exsertis; corollis urceolatis; calycibus duplicatis, viscosis, imbricatis, coloratis, corollam sub-asquantibus; foliis ternis, truncatis, lineariis.

**DESCRIPTION.**

**CAULIS** fruticosus, erectus, spithameus; rami et ramuli frequentissimi, foliosi, erecti.

**FOLIA** terna, linearia, recta, truncata, plana, larvia, petiolis brevissimis adpressis.

**Flores** in ramulis terminalibus, sub-terni, umbellati, cernui; pedunculis longitudine calycis.

**Calyx.** Perianthium duplicatum, adpressum, imbricatum: foliolis ovatis, viscosis, incarnatis.

**Corolla** urceolata, apice incarnata, laciniis obtusis, minutis, erectis.

**Stamina.** Filamenta octo capillaria, incurvata. Antheram muticum, exsertam.

**Pistillum.** Germen subrotundum. Stylus filiformis, longitudine staminum. Stigma tetragonum.

Habitat ad Caput Boni Spei. Floret a mense Juli in Octobrem.

**REFERENCE.**

1. Calyx et Corolla.
2. Corolla et Stamina.
3. Calyx lente auctus.
4. Stamina a Pistillo diducta, anthera unâ lente auctâ.
5. Stylus et Stigma, lente aucta.

**SPECIFIC CHARACTER.**

*Heath*, with beardless tips without the blossoms, which are pitcher-shaped; cup double, clammy, tiled, coloured, and almost the length of the blossoms; leaves grow by threes, even, appearing cut off at the point, and linear.

**DESCRIPTION.**

**Stem** shrubby, upright, a span high; the larger and smaller branches are numerous, covered with leaves, and upright.

**Leaves** grow by threes, straight out, appearing cut off at the point, flat, even, and having their footstalks pressed to the branches.

**Flowers** grow in bunches, generally three together, at the ends of the smaller branches, hanging downward; footstalks the length of the cup.

**Empalement.** Cup double, pressed to the blossom, tiled: the leaves are egg-shaped, clammy, and flesh-coloured.

**Blossom** pitcher-shaped, flesh-coloured at the mouth, which has its segments blunt, small, and upright.

**Chives.** Eight hair-like threads, bent inwards. Tips beardless, and without the blossom.

**Pointal.** Seed-bud nearly round. Shaft thread-shaped, the length of the chives. Summit four-corned.

Native of the Cape of Good Hope. Flowers from July till October.
ERICA incarnata.

**CHARACTER SPECIFICUS.**

**ERICA,** antheris criftatis, subinclos; corollis subovatis, carneis; pedunculis longisiminis, coloratis; foliis quaternis.

**DESCRIPTIO.**

**Caulis** suberedtus, pedalis ramolillimus, rami, et ramuli, flexuosi, divaricato patente.

**Folia** quaterna, obtusa, linearia, glabra, subtus fulcata; petiolis brevissimis, adprefsis.

**Flores** terminalis, racemum densit formantes; pedunculi longissimi, purpurei, bracteis tribus instructi.

**Calyx.** Perianthium tetraphyllum, foliolis ovatis, carinatis, acuminatis.

**Corolla** subovata, cernua, carnea, ore contradto, levissime quadrifido, laciniis erectis.

**Stamina.** Filamenta octo capillaria, receptaculo inferta. Antheras creftatas, sub-inclos.

**Pistillum.** Germen subrotundum. Stylus filiformis, exfertus. Stigma tetragonum.

**Habitat** ad Caput Bonae Spei.

Florit a mensi Julii, in Octobrem.

**REFERENCE.**

1. Calyx, et Corolla.
2. Calyx lente auètus.
4. Stamina a Pistillo didueta; anthera una lente auèt.
5. Stylus, et Stigma, lente auèt.

**SPECIFIC CHARACTER.**

**Heath,** with crefted tips, nearly within the blossoms, which are almost egg-shaped, and flesh-coloured; the foot-stalks are very long, and coloured; the leaves grow by fours.

**DESCRIPTION.**

**Stem** nearly upright, a foot high, and very much branched; the larger and smaller branches grow zigzag, and spread outward.

**Leaves** grow by fours, are blunt, linear, smooth, and furrowed underneath; with short foot-stalks prefixed to the branches.

The **Flowers** grow at the end of the smaller branches, forming a close bunch; the foot-stalks are very long, and purple, having three floral leaves.

**Empalement.** Cup four-leaved, which are egg-shaped, keeled, and pointed.

**Blossom** nearly egg-shaped, bending downward, and flesh-coloured, the mouth contracted, but slightly cut into four upright segments.

**Chives.** Eight hair-like threads, fixed into the receptacle. Tips crested, nearly within the blossom.

**Pointal.** Seed-vessel nearly round. Shaft thread-shaped, and without the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from July, till October.

**REFERENCE.**

1. The Empalement, and Blossom.
2. The Empalement magnified.
3. The Chives, and Pointal.
4. The Chives detached from the Pointal; one tip magnified.
5. The Shaft, and its Summit, magnified.
ERICA jasminiflora.

**CHARACTER SPECIFICA.**

**ERICA**, antheris basi bicornibus, inclusis; style exerto; corollis amplissimis, sésquipollicibus, lacinis cordatis, patentibus; floribus subternis; foliis ternis, trigonis, subulatis, patenti-erectis.

**DESCRIPTIO.**

Caulis liliformis, erectus; rami simpliciflori, filiformes, longi, patenti.

Folia terna, trigona, acuta, subulata, margine ferrata, basi adpressa, apicem versus patula, sexfariam imbricata.

Flores terminales, sub-terni, horizontales, umbellati; pedunculi purpurei, trichisi tribus, ovatis, coloratis, inclusi.

Calyx. Perianthium tetraphyllum, foliolis ovatis, viscosis, purpureis.

Corolla viscosa, sésquipollicaris, summam cylindracea, ad basim inflata, ore acutat; lacinis exanatis, sub-ovatis, maximis.

Stamina. Filamenta ocho capillaria; antherae basi bicornes, apice acuminatas, incluse.


Habitat ad Caput Bonae Spei.

Floret a mensi Julii, in Novembrem.

**REFERENCE.**

1. Folium unum, lente auctum.
2. Calyx, lente auctus.
3. Calyx, et Corolla.
5. Stamina et Pistillo diducens, anthera una, lenta aucta.
ERICA lateralis.

**CHARACTER SPECIFICUS.**

**ERICA antheris criftatis, inclufis; corolla pur¬

**HEATH** with crested tips, within the blossoms; which is purple, between bell and pitcher-shaped, flat at the base; foot-flanks very long; flowers grow in umbels at the end of the branches, point all one way and hang down; leaves grow by fours, are blunt and very smooth.

**DESCRIPTION.**

**Caulis** fruticofus, eredtus, pedalis; rami sub-

**STEM** shrubby, upright, grows a foot high; branches nearly simple, twiggy and thread-

**Folia** quaterna, linearia, obtula, sub-trigona, craffiufcula, brefiiine petiolata, petiolis adpreffis.

**Leaves** grow by fours, linear, blunt, almost three-sided, thickish, very short foot-flanks, which are pressed to the stem.

**Flores** ad spices ramorum ramulorumque umbellati, ceruin, fecundi, purpurei; pedunculi florum triplo longitudine colorati, braeites tribus minutis infbruclii.

**FLOWERS** grow in umbels, at the end of the larger and smaller branches, nodding, all pointing one way, and are purple; foot-flanks thrice the length of the flowers, coloured, and three small floral leaves upon them.

**Calyx.** Perianthium tetraphyllum, foliolis minutis, adpreffis, ciliatis, subulatis.

**EMPALEMENT.** Cup four-leaved, leaflets small, pressed to the blossom, fringed and awl-

**Calyx et Corolla.**

**BLOSSOM** approaching to bell-shape; the lower part flat, and purple; the segments of the border are blunt and rather upright.

**Corolla sub-campanulata ad basin plana, purpurea; laciniis limbi obtufis, Cufules.**

**CHIVES.** Eight hair-like threads, turned inwards at the upper part. Tips crested, deep purple, and within the blossom.

**Corollae** sub-campanulata ad basin plana, purpurea; laciniis limbi obtufis, fuberedtis.

**POINTEL.** Seed-bud turbinatum, fulcatum, ad basin glandulatum. Stylos flaminibus longior, cufectus. Stigma tetragonum, viridens.

**Stamina.** Filamenta ocho, capillaríus, spice incurvata. Antherae criufatae, atro-purpureas, in-

**POINTEL, lente aufta; anthera una lente aufta.**

**STAMINA.** Filamenta ocho, capillaria, spicí incurvata. Antherae criufatae, atro-purpureae, in-

**6. Pifiilium, lente auftum.**

**Habitat ad Caput Bonas Spei.**

**REFERENCE.**

**Floret a mense Auguifi, in Decembrem.**

1. Calyx et Corolla.
2. Calyx, auscus.
3. Corolla.
5. Stamina a Pifiillo diuufa, anthera una lente auscul.
6. Pifiilium, lente auscul.

**REFERENCE.**

1. The Empalement, and Blossom.
2. The Empalement, magnified.
3. The Blossom.
4. The Chives, and Pointal.
5. The Chives detached from the Pointal, one Tip magnified.
6. The Pointal, magnified.
ERICA Leea.

**CHARACTER SPECIFICUS.**

**ERICA**, antheris muticis, sub-inclusis; corollis costatis, quadratis, sub-pollinaribus, luteo-aurantiis; quatuor quinqueve pedalis; foliis senis, maximis, rigidos.

**DESCRIPTIO.**

**CAULIS** laxus, erectus, scaber, quatuor vel quinque pedalis; rami laxi, simplices, longi.

**FOLIA** sena, rigida, obtusa, subtus sulcata, linearis, crassa, petiolis adpressis.

**Flores** in ramulis medii verticillati, spicam formantes, pedunculis brevibus, bracteis tribus ad basin calycis instructis.

**Calyx.** Perianthium tetraphyllum, foliolis subulatis, concavis, longitudine pedunculi.

**Corolla** sub-pollicaris, quadrata, costata, luteo-aurantia, laciniis dentatis, reflexis.

**Stamina.** Filamenta octo capillaria, receptaculo inserta; antherae muticae, subincluse.

**Pistillum.** Germin cylindricum, sulcatum; stylus filiformis, exsertus; stigma tetragonum.

Habitat ad Caput Bone Spei.

Floret a mense Augusti in Januariam.

**REFERENCE.**

1. Calyx et Corolla.
2. Calyx lente auctus.
4. Stamina a Pistillo ducta; anthera una lente aucta.
5. Stylus et Stigma lente aucti.

**SPECIFIC CHARACTER.**

**HEATH,** with beardless tips, within the blossoms, which are ribbed, four-sided, not quite an inch long, and of a yellowish-orange colour; grows four or five feet high; the leaves grow by sixes, are large, and stiff.

**DESCRIPTION.**

**Stem** supple, upright and rough, four or five feet high; the branches are loose, simple and long.

**Leaves** grow by sixes, are harsh, blunt, furrowed underneath, linear, and thick, having the foot-stalks pressed to the stem.

**Flowers** grow in whorls, about the middle of the smaller branches, forming a spike, with short foot-stalks, with three floral leaves close to the cup.

**Empalement.** Cup four-leafed, which areawl-shaped, concave, and the length of the foot-stalk.

**Blossom** near an inch long, four-sided, ribbed, of a yellowish-orange colour; the segments of the mouth are notched, and bent backward.

**Chives.** Eight hair-like threads, fixed into the receptacle; the tips beardless, and just within the blossom.

**Pointal.** Seed-vessel cylindrical, and furrowed; shaft thread-shaped, and without the blossom; summit four-cornered.

Native of the Cape of Good Hope.

Flowers from August till January.

**REFERENCE.**

1. The Empalement and Blossom.
2. The Empalement magnified.
3. The Chives and Pointal.
4. The Chives detached from the Pointal, one tip magnified.
5. The Shaft and its Summit magnified.
ERICA lutea.

CHARACTER SPECIFICUS.

ERICA, antheris muticis, inchitis; corolla ovato-acuminatis, luteis; folii oppositis, triquetris, adpreffis.

DESCRIPTION.

CAULIS laxus, filiformis, gracilis, ad basin ramosus; ramuli conferti.

FOLIA opposita, linearia, adpreffa, triqueta, supra concava, subbas carinata, sulcata, nitida; petioli brevissimi, adpreffis.

FLORES plures, conglomerati, subterminales; pedunculi capillares, luteis; bracteis binis.

CALYX. Perianthium tetraphyllum, foliolis ovatis, acuminatis, luteis, glabris.

COROLLA lutea, ovato-acuminata, ore arcuata; limbo quadrilobo, subreflexo.

STAMINA. Filamenta octo capillaria, corolla dimidia breviora, spicis recurvata, receptaculo inserta. Antherae muticae, inclusae, parvae.


Habitat ad Caput Bone Spei.

Floret a Septembre, in Maium.

REFERENCE.

1. Calyx et Corolla.
2. Calyx, lente auquos. 
4. Stamina a Pistillo dividita; anthera una lente auqua.
5. Stylus, et Stigma lente auqua.

SPECIAL CHARACTER.

HEATH, with beardless tips, within the blossoms; which are of a pointed oval shape, and yellow, the leaves grow opposite in pairs, are three-sided, and pressed to the stem.

DESCRIPTION.

STEM flexible, thread-shaped, and slender, branching to the bottom; the branches crowded together.

The LEAVES grow opposite in pairs, are linear, pressed to the stem, three-sided, concave on the upper, and keel-shaped on the under surface, furrowed, and shining; having very short leaf-stems pressed to the branches.

FLOWERS are numerous, close together, and nearly terminating the branches; the foot-flakes are hair-like, and yellow, having two floral leaves.

EMPALEMENT. Cup four-leaved, leaflets oval, pointed, yellow, and smooth.

The BLOSSOM yellow, of a pointed oval shape, compressed at the mouth; having a slightly reflexed, four-lobed border.

CHIVES. Eight hair-like threads, half the length of the blossom, bent back at the point, and fixed into the receptacle. Tips beardless, within the blossom, and small.

POINTEL. Seed-veil cylindrical, and furrowed. Shaft thread-shaped, purple, and twice as long as the chives. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from September, till May.
ERICA mammosa.

**CHARACTER SPECIFICUS.**

ERICA, antheris aristatis, inclusis; stylo subincluso; floribus verticillatis, pendulis, ventricoso-cylindricis, supra basin constrictis, profunde violaceo-purpureis; foliis quaternis, linearibus, glabris.

**DESCRIPTIO.**

Caulis simplex, fruticosus, erectus, sesquipedalis; rami verticillati, raro ramulosi, erecti.

Folia quaterna, linearia, glabra, recta; seniora patentia, juniora erecta, subtus sulcata; petiolis brevisimis, adpressis.

Flores sub-pollicares, in summitate ramorum verticillati, penduli; pedunculi longissimi, bracteis tribus, minutis, remotis, instructis.

Calyx. Perianthium tetraphyllum, foliolis lato-ovatis, acutis, marginibus membranaceis, apicibus coloratis, adpressis.

Corolla ventricoso-cylindrica, apice attenuata, ad basin constricta, profunde purpurea; lacinis minutis, erectis, obtusis.


Habitat ad Caput Bonae Spei.

Floret a mense Julii in Novembrem.

**REFERENCE.**

1. Calyx lente auctus.
2. Calyx et Corolla.
3. Stamina a Pistillo diducta, anthera una lente aucta.

**SPECIFIC CHARACTER.**

Heath, with bearded tips, within the blossom; shaft just within the blossom; flowers grow in whorls, hanging down, of a swelled cylinder-shape, pinched in at the base, and of a deep blue purple; leaves grow by fours, are linear, and smooth.

**DESCRIPTION.**

Stem simple, shrubby, upright, a foot and a half high; branches grow in whorls, seldom making smaller branches, and upright.

Leaves grow by fours, linear, smooth, and straight; the older ones spread out, the younger grow upright, and are furrowed beneath; having very short foot-stalks, which are pressed to the stem.

Flowers are near an inch long, grow in whorls at the top of the branches, hanging down; foot-stalks very long, having three small floral leaves at a distance from the cup.

Empalement. Cup of four leaves, which are of a broad egg-shape, pointed, having the margins skinny, the ends coloured, and are pressed to the blossom.

Blossom of a swelled cylinder-shape, tapered at the end, and pinched in at the base, of a deep purple; the segments of the border are very small, upright, and blunt.

Chives. Eight hair-like threads. Tips bearded, and within the blossom.


Native of the Cape of Good Hope.

Flowers from July till November.

**REFERENCE.**

1. The Empalement magnified.
2. The Empalement and Blossom.
3. The Chives detached from the Pistillum, one tip magnified.
4. The Seed-bud, Shaft, and Summit, the summit magnified.
ERICA marifolia.

CHARACTER SPECIFICUS.

ERICA, antheris aristatis, sub-inclusis, corollis urceoli-formibus, albidis; foliis ternis, lato-ovatis, pubescentibus, subtus albidis.

DESCRIPTION.

Caulis erectus, fruticosus, pedalis, ramosissimus; ramuli frequentissimi, verticillati.

Folia terna, patens, lato-ovata, margine revoluta, subtus albida, petiolis brevissimis, adpresso.

Flores terminales, umbellati, cernui; pedunculi longi, bracteis tribus instructi.

Calyx. Perianthium tetraphyllum; foliolis spathulatis, seu basi attenuatis, apicibus ovatis, concavis, ciliatis.

Corolla albida, urceoli-formis, oris laciniae sub-reflexis.

Stamina. Filamenta octo capillaria; antherae aristatis, sub-inclusis.


Habitat ad Caput Bonze Spei.

Floret a mense Aprili in Julium.

REFERENCE.

1. Calyx et Corolla.
2. Calyx lente auctus.
4. Stamina a Pistillo diducta, anthera unda lente aucta.
5. Stylus et Stigma lente aucta.
ERICA \textit{margaritacea}.

\textbf{CHARACTER SPECIFICUS.}

\textit{Erica}, antheris criftatis, inclusis; stylo exerto; corollis globofo campanulatis; floribus terminalisbus, sub-umbellatis; folis quaternis, lineari-trigonis, glabris, crecfis.

\textbf{DESCRIPTION.}

\textit{Caulis} erectus, ramosus; ramuli frequentiissimi, erecti, glabri.

\textit{Folia} quaterna, lineari-trigona, erecta, subsulcata, glabra; petiolis brevissimis, adpressis.

\textit{Flores} terminales, nutantes, sub-umbellati; pedunculi filiformes, bracteis tribus, linearibus incruciati.

\textit{Calyx.} Periantium tetraphyllum, foliolis subulatis, carinatis, sulcatis, laevibus, adpressis.

\textit{Corolla} urceolata, alba, calyce paulo longior; laciniae limbi obtuse, erecto-patulae.

\textit{Stamina.} Filamenta ocho capillaria, spicis inflexis. Antherae ovatae, brunneae, criftatas, inclusae.


Habitat ad Caput Bonae Spei.

Floret a mensi Junii, in Septembrem.

\textbf{REFERENCE.}

1. \textit{Calyx}, et \textit{Corolla}.
2. \textit{Calyx}, lente auscis.
ERICA Massonia.

**CHARACTER SPECIFICUS.**

ERICA, antheris muticis, incibus; corollis sub-cylindricis, viscosis, speciosissimis, tricoloratis; foliis subquaternis, pilis longis vestitis.

**DESCRIPTIO.**

Caulis fruticofus, erectus, bipedalis, simplicifimus, dein ramosus, rami eretiti, foliis tosi tecti.

Folia subquaterna, oblonga, ferrata, pilis longis vestita, supra plana, subitus fulcata, petiolis tribus subitus infractus.

Flores subterminales, plures, simplici verticillati, cernuo-patentii, pedunculi pilosi, foliolis tribus subitus infirudi.

Calyx. Perianthium tetraphyllum, foliolis lanciolaris, hirtutis, adpressis, apicibus revolutis.

Corolla subcylindraceas, micans, viscosa, rubra, lutea et viridia speciosissime colorata, ore arctato, quadrifido.


Habitat ad Caput Bonas Spei.

Floret a mensi Augusti ad Decembrem.

**REFERENCE.**

1. Calyx et Corolla.
2. Calyx lente attus.
4. Stamina a Pistillo diducta, anthera una lente aucta.
5. Stylus et Stigma lente aucta.

**SPECIFIC CHARACTER.**

Heath, with beardless tips, within the blossom, which are nearly cylindrical, clammy, most beautiful, and three-coloured; the leaves grow mostly by fours, and are entirely covered with long hairs.

**DESCRIPTION.**

Stem shabby, upright, grows two feet high, simple at the base, then branching, the branches nearly upright, and quite covered by the leaves.

Leaves grow mostly by fours, oblong, sawed, clothed with long hairs, smooth on the upper, and furrowed on the under part, having very short leaf-stems preffed to the branches.

Flowers are numerous, in single whorls, near the summit of the branches, bending downward, and spreading, the foot-stalks hairy, with three small leaves fixed on their under part.

Empalement. Cup four-leaved, which are lance-shaped, hairy, preffed to the blossom, and rolled back at the point.

Blossom nearly cylindrical, shining, clammy, and most beautifully coloured with red, yellow, and green, narrow at the mouth, which is divided into four segments.

Chives. Eight hair-like threads, the length of the blossom, fixed into the receptacle. Tips beardless.


Native of the Cape of Good Hope.

Flowers from August till December.

**REFERENCE.**

1. The Empalement and Blossom.
2. The Empalement magnified.
3. The Chives and Pointal.
4. The Chives detached from the Pointal; one tip magnified.
5. The Shaft and its Summit magnified.
ERICA melastoma.

CHARACTER SPECIFICUS.

ERICA, antheræ mutice, exsertæ, attenuata in filamenta plana; corollis futilibus, foliaribus, luteis, terminalibus; oris lacinias nigris; calyce duplicitate, heptaphyllus, imbricatus; foliis pubescentibus, quaternis.

DESCRIPTIO.

CAULIS laxus, erectus, bipedalis; rami pauci, simplices; ramuli flarvi, brevissimi, frequentissimi, foliati.

FOLIA quaterna, futilata, apice, recurvata, sub-fabraea, rigida; petiolis brevissimis, adpressis.

FLORES soliti in apicibus ramorum, solitarii, dependenti; pedunculi brevissimi.

Calyx. Perianthium duplex; interius tetraphyllum, foliis concavis, ovatis, glabris, imbricatis, luteis; exterus triphyllum, prioribus brevioribus, consimilibus.

Corolla conica, lutea, parum curvata, basi quadrifaria, fulcata, apice attenuata; lacinias erectas, obtusas, longissimas, adpressas, nigras.

Stamina. Filamenta oculo, plana, linearis. Anthere mutice, lineares, exsertæ, longitudine corollae, attenuata in filamenta.


Habitat ad Caput Boni Spei.

Floret a Mensi Februarii, in Julium.

REferentia.

1. Calyx.
2. Corolla, et Stamina.
4. Stamina a Pistillo diducita.
5. Stamen unum, lente auetum.
6. Pistillum, lente auetum.

SPECIFIC CHARACTER.

HEALTH, with beardless tips, without the blossom, tapering into the threads which are flat; blossoms fitting close to the branches flingly, are yellow, and terminate them; the segments of the mouth are black; the cup is doubled, of four leaves and tiled; leaves awl-shaped, growing by fours.

DESCRIPTIO.

STEM weak, upright, grows two feet high; the branches are few, and simple; the small branches are scattered, very short, numerous, and covered with leaves.

LEAVES grow by fours, awl-shaped, bent back at the point, roughish and stiff; foot-stalks very short, and pressed to the stem.

FLOWERS fitting on the ends of the smaller branches are solitary, and hang down; the foot-stalks are very short.

EMPALEMENT. Cup double; the inner one has four leaves, which are concave, egg-shaped, smooth, tiled, entire, and yellow; the outer three-leaved, shorter than the former, and like them.

BLOSSOM conical, yellow, slightly curved, having four furrows at the base, and tapering at the point; the segments of the border grow upright, are blunt, very long, pressed to the chives, and black.

CHIVES. Eight flat, linear, threads. Tips beardless, linear, without the blossom, and of its length, tapering into the threads.

POINTAL. Seed-bud egg-shaped, smooth and entire. Shaft without the blossom, thread-shaped, a little longer than the chives. Summit bordered, and greenish.

Native of the Cape of Good Hope.

Flowers from February, till July.

REferentia.

1. The Empalement.
2. The Blossom, and Chives.
3. The Chives, and Pointal.
4. The Chives detached from the Pointal.
5. A Chive magnified.
6. The Pointal magnified.
ERICA monadelphica.

**Character Specificus.**


**Specific Character.**

**HEATH**, with beardless tips without the blossoms, and tapering into filaments, which are flat. The blossom is conical, of a blood colour, having the segments of the mouth upright, and pressed to the threads. The leaves grow by threes.

**DescripTio.**

**Caulis** erectus, sesquipedalis, scaber, ad basin parum ramosus. Ramuli sparsi.

**Folia** terna, obtusa, sub-tomentosa, subtus sulcata, petiolis brevisissimi adpressis.

**Flores** in ramulis, bini vel terni, terminalis, ecrnus, in medio ramosum racemum formantes speciosissimum; pedunculis brevisibus, bracteis nullis.

**Calyx.** Perianthium duplex, coloratum; exterius triphyllum, foliolis lato-ovalis, apicibus virescentibus; interius tetraphyllum, foliolis latioribus majoribus.

**Corolla** conica, sub-pollicaris, glabra, sanguinea; oris laciniae erectis.

** Stamina.** Filamenta octo plana, corolla multolotes longiores, receptaculo inserita; antheris nucicis, exertis, attenuatis in filamenta.

**Pistillum.** Germen ovatum, tenuissime sulcatum. Stylus filiformis. Stigma tetragonum.

**Habitat ad Caput Boni Spei.**

Floret a mense Augusti in Decembrem.

**Referentia.**

1. Calyx et Corolla.
2. Calyx lente auctus.
4. Stamina a Pistillo deucta; anthera una lente aucta.
5. Stylus et Stigma lente aucta.

**Description.**

**Stem** upright, a foot and a half high, rough, branching but little at the base. The smaller branches are scattered.

**Leaves** grow by threes, blunt-ended, rather downy, channelled underneath, having very short foot-stalks pressed to the branches.

**Flowers** grow by twos and threes at the end of the smaller branches, hanging down, forming a beautiful spike near the middle of the larger branches. The foot-stalks are short, without floral leaves.

**Empalement.** Cup double, and coloured; the outer three-leaved, the leaves of a broad oval-shape, the ends greenish: the inner is four-leaved, broader and larger than the former.

**Blossom** cone-shaped, near an inch long, smooth, deep red; the segments of the mouth upright.

**Chives.** Eight flat threads, much longer than the blossom, fixed into the receptacle; the tips beardless, without the blossom, and tapering into the filaments.

**Pistal.** Seed-vessel egg-shaped, and slightly furrowed. Shaft thread-shaped. Summit four-cornered.

Native of the Cape of Good Hope.

**Flowers** from August till December.

**Reference.**

1. The Empalement and Blossom.
2. The Empalement magnified.
3. The Chives and Pistal.
4. The Chives detached from the Pistal; one tip magnified.
5. The Shaft and Summit magnified.
ERICA mucofa.

**CHARACTER SPECIFICUS.**

**ERICa,** antheris aristrotatis, inclusis; corollis globosis, mocofois, fuciculatis, cerno-patentibus, terminalibus; folis quaternis.

**DESCRIPTIO.**

**Caulis** fraticofus, tripedalis, ad basin fere ramosus, ramis longis, virgatis, flexuosis.

**Folia** quaterna, subtriangularia, linearia, apice recurvata, obtusa, glaberrima, subius fulcata; brevissimis petiolis inclusa.

**Flores** plures, terminales, fuciculati, cerno-patentes, mucois, purpurei fulgenti; pedunculis longis, purpureis, 2 feu 3 bracteis, inclusis.

**Calyx.** Periacthon tetraphyllum, foliolis ovatis, obtusis, egregios, corolla diemidio brevioribus.

**Corolla** globofa, limbo quadrilobo, laciniis semiorbiculatis, aequalibus, erectis.

**Stamina.** Filamenta octo capillaria, corolla breviora, receptaculo inferta. Antherae aristrotatis, inclusae.

**Pistillum.** Germen subrotundum. Stylus filamentis crahioris, egregios. Stigma tetragonum.

Habitat ad Caput Bonae Spei.

Floret a mensi Augusti ad Decembrem.

**REFERENTIA.**

1. Calyx et Corolla.
2. Calyx et Bractea lente aqua.
4. Stamina a Pistillo diducta, anthera una lente aqua.
5. Stylus et Stigma lente aqua.

**SPECIFIC CHARACTER.**

**HEATH,** with bearded tips, within the blossoms; which are globe-shaped, clammy, and in bunches, bending downward, spreading, and terminating the branches; leaves growing by fours.

**DESCRIPTION.**

**STEM** shrubby, grows three feet high, branched nearly to the bottom, with long, slender, waving branches.

**LEAVES** growing by fours, nearly triangular, linear, bent back at the point, blunt, smooth, and furrowed underneath; leaf-items very short.

**FLOWERS** several, terminating the branches in bunches, bending downward and spreading, of a brilliant purple, and clammy; with very long footstalks, which are furnished with 2 or 3 floral-leaves.

**EMPALEMENT.** Cup four-leaved, which are egg-shaped, blunt, upright, and half the length of the blossom.

**BLOSSOM** globe-shaped, with a four-lobed border, each division forming a half-round, equal, and upright.

**CHIVES.** Eight hair-like threads, shorter than the blossom, and fixed in the receptacle. Tips bearded, and within the blossom.

**POINTAL.** Seed-vessel roundish. Shaft thicker than the threads, and upright, Summit four-cornered.

Native of the Cape of Good Hope.

In bloom from August till December.

**REFERENCE.**

1. The Empalement with the Blossom.
2. The Empalement and Floral-leaves magnified.
3. The Chives and Pointal.
4. The Chives detached from the Pointal, one tip magnified.
5. The Shaft and its Summit magnified.
ERICA Mufcari.

CHARACTER SPECIFICUS.
ERICA, antheris muticis, inclusis; corollis oblongo-ovatis, obtuse tetragonis; foliis quaternis.

DESCRIPTIO.
Caulis fruticosus, setigeralis, terea, basi simplicifimus, dein ramofus.

Folia quaterna, linearia, acuta, creto-patentia, glaberrima, nitida, dilute viridia, petiolis brevissimis rami adpressis.

Flores luteoli, suaviter olentes, saepius quaterni, terminales; pedunculis brevissimis.

Calyx. Perianthium duplex; interius tetraphyllum, foliolis cretis, ovatis, carinatis; externus triphyllum, priori incumbens.

Corolla oblongo-ovata, obtuse tetragona, summa parte arctata, limbo quadrilobo, laciniis aequalibus revolutis.

Stamina. Filamenta octo capillaria, stylo subaequali, apice torto, receptaculo inferta. Antherae muticae, inclusae, bifidas, dorsales.


Habitat ad Caput Bonae Spei.
Floret a Martio ad Julium.

REFERENCE.
1. Calyx, et Corolla.
2. Calyx lente auscis.
4. Stamina a Pistillo diducida; anthera una lente ausca.
5. Stylus, et Stigma lente ausca.

SPECIFIC CHARACTER.
Heath, with bearded tips within the blossom, which is oblong-egg-shaped, and bluntly four-edged; leaves growing by fours.

DESCRIPTION.
Stem shrubby, grows a foot and a half high, cylindrical, undivided at the base, afterwards branching.

Leaves growing by fours, linear, pointed, between upright and spreading, smooth and thinning, of a light green, with short leaf-items pressed to the branches.

Flowers yellowish, sweet-scented, mostly four together, terminating the branches; having very short footstalks.

Empalement. Cup double; the inner one has four leaves, which are erect, ovate, and keel-shaped; the outer has three leaves, and rests on the former.

The Blossom oblong-egg-shaped, bluntly four-edged, contracted at the mouth, which is terminated by a four-lobed border, whose segments are equal, and rolled back.

Chives. Eight hair-like threads, nearly of a length with the pointal, crooked at their upper part, and fixed in the receptacle. Tips bearded, within the blossom, cleft, and fixed to the threads at their back.

Pointal. Seed-veasel inerely egg-shaped, furrowed with eight channels. Shaft linear, erect, nearly of a length with the blossom. Summit nearly four-cornered.

Native of the Cape of Good Hope.
In bloom from March till July.

REFERENCE.
1. The Empalement and Blossom.
2. The Empalement magnified.
3. The Chives and Pointal.
4. The Chives detached from the Pointal, one tip magnified.
5. The Shaft and its Summit magnified.
ERICA nigrita.

CHARACTER SPECIFICUS.
ERICA, antheris muticis, exsertis, atriis; flores subterni, albi; corolla campanulata, laciniis revolutis, maximis; foliis ternis, nitidis, patentibus.

DESCRIPTION.
Caulis fruticosus, erectus, pedalis; rami et ramuli frequentissimi, sub-erecti, virgati, sub-tomentosi.
Folia ternis, nitida, glabra, sub-triquetra, obtusa, patentia, crassa; petiolis adpressis.
Flores in apicibus ramulorum terminales, sub-terni; pedunculi albi; bracteae ovatae, acutae, albae, calyce approximatae, imbricatae, calyciformes.
Calyx. Perianthium tetraphyllum, foliolis, ovatis, acutis, albis, laxis, longitudine fere corollae.
Corolla campanulata, albida; laciniis oris revolutis, majoribus.

Habitat ad Caput Bonae Spei.
Floret a mensi Aprili, in Julium.

REFERENCE.
1. Calyx, et Corolla.
2. Calyx, lente auctus.
4. Stamina a Pistillo didueta, Anthera una lente aucta.
5. Pistillum, auctum.

SPECIFIC CHARACTER.
HEATH, with beardless tips, without the blossom, and black; flowers grow mostly by threes, and white; blossom bell-shaped; segments rolled back, and very large; leaves grow by threes, shining, and spreading.

DESCRIPTION.
STEM shrubby, upright, grows a foot high; the larger and smaller branches are numerous, nearly upright, twiggy, and a little downy.

Leaves grow by threes, shine, smooth, nearly three-sided, blunt, spreading, and thick; footstalks pressed to the item.

FLOWERS grow from the ends of the small branches, mostly by threes; with white footstalks; floral leaves egg-shaped, sharp-ended, white, close to the cup, tiled, and like those of the cup.

EMPALMENT. Cup four-leaved, leaflets egg-shaped, pointed, white, loose, nearly the length of the blossom.

Blossom bell-shaped, white; the segments of the mouth are rolled back and larger than the tube.

CHIVES. Eight hair-like threads fixed into the receptacle. Tips beardless, without the blossom, and black.

POINTAL. Seed-bud nearly egg-shaped, slightly furrowed, glandular at the base. Shaft thread-shaped, a little longer than the chives. Summit shield-shaped, almost four-cornered.

Native of the Cape of Good Hope.
Flowers from April, till July.

REFERENCE.
1. The Empalement, and Blossom.
2. The Empalement, magnified.
3. The Chives, and Pointal.
4. The Chives detached from the Pointal, one Tip magnified.
5. The Pointal, magnified.
ERICA obliqua.

**CHARACTER SPECIFICUS.**
ERICA, antheris basi bicornibus, inclusis; stylo sub-exserto; corollis ovatis, lacinis ovatis, maximis, erectis; floribus umbellatis, terminis tuberculatis; foliis oblique sparsis, truncatis.

**DESCRIPTIO.**
CAULIS fruticosus, pedalis; rami simplices, longi, filiformes.
FOLIA sparsa, saepe vero quaterna, linearia, arcuata, margine glanduloso-denticulata, glabra, truncata, petiolis tenuissimis.
Flores numerosi, sub apice ramorum umbellati; pedunculi flore triplo longiores, colorati, viscidi, bracteis tribus linearibus instructi.
CAULIS. Perianthium tetraphyllum; foliolis minulis, linearibus, viscosis, adpressis.
Corolla sub-globosa, purpurea, magnitudine pisi; lacinis limbi maximis, erectis.
Stamina. Filamenta octo, plana, linearia, apice incurvata; antherae ad basin bicornute, inclusae.
Pistillum. Germen tiare-forme, sulcatum; glandule octo ad basin germinis; stylus cylindricus, sub-exsertus; stigma tetragonum.

**SPECIFIC CHARACTER.**
HEATH, with tips two-horned at the base, and within the blossom; the shaft just without; blossoms egg-shaped, the segments of the border oval, very large, and upright; flowers grow in bunches, and terminate the branches; the footstalks an inch long; the leaves grow scattered obliquely, appearing cut off at the ends.

**DESCRIPTION.**
STEM shaggy, grows a foot high; the branches simple, long, and thread-shaped.
LEAVES grow scattered, sometimes by fours, linear, arched, appearing toothed by small glands at the edge, smooth, seeming cut off at the ends, and with very slender footstalks.
FLOWERS numerous, growing in umbels at the end of the branches; the footstalks thrice the length of the flower, coloured, clammy, and having three linear floral leaves.
EMPalement. Cup four-leaved; the leaflets very small, linear, clammy, and pressed to the blossom.
BLOSSOM almost globular, purple, the size of a pea; the segments of the border very large and upright.
CHIVES. Eight flat threads, linear, bent inward at the points; tips two-horned at the base, and within the blossom.
POINTAL. Seed-bud turban-shaped and furrowed; eight glands at the base of the seed-bud; shaft cylindrical, and just without the blossom; summit four-cornered.

Native of the Cape of Good Hope.
Flowers from August till December.

**REFERENTIA.**
1. Folium lente auctum.
2. Flos.
3. Calyx lente auctus.
4. Stamina et Pistillum.
5. Stamina a Pistillo diducta, lente aucta.
6. Pistillum lente auctum.

1. A Leaf magnified.
2. A Flower.
3. The Empalement magnified.
4. The Chives and Pointal.
5. The Chives detached from the Pointal, magnified.
6. The Pointal magnified.
ERICI Patterfonia.

**Character Specificus.**

**Erica**, antheris aridatis, inclusis; folis quater-nis, floribus axillaris, e foliis emergentibus, cylindricis, luteis.

**Description.**

Caulis fruticosus, bipedalis, erectus, balso ramifcus, dein simplicissimus, pyramidatus, ramulis brevissimis vestitus.

Folia quaterna, linearia, incurvata, acuta, glabra, subus fulcata, petiolis brevissimis, adpressis.

Flores plures, axillares, in medio caulis et foliis reedit emergentes, pedunculis sere nullis.

Calyx. Perianthium duplex, exterius triphyl-lum, foliolis ovatis, acuminatis, interius tetrephyllum, foliolis subulatis, apice recurvatis.

Corolla cylindrica, subpollicaria, glabra, lutea, ore arctato, quadrifido limbo reflexo.


Habitat ad Caput Bonae Spei.

Floret a Martio ad Augustum.

**Reference.**

1. Calyx et Corolla.
2. Calyx lente acutus.
4. Stamina a Pistillo diduèla anthera una lente auècta.
5. Stylus et Stigma lente acutus.

**Specific Character.**

Heath, with bearded tips, within the blossom; leaves growing by fours, the flowers grow close to the stem, peeping out from amongst the leaves, are cylindrical, and yellow.

**Description.**

Stem shrubby, two feet high, upright, branching out at the base, then forming a simple, pyramidal spike, covered by very short branches.

Leaves grow by fours, linear, curved, sharp-pointed, and smooth, furrowed underneath, having short leaf-stems pressed to the branches.

Flowers are numerous, growing close to, and about the middle of the stem, peeping straight out from amongst the leaves, with scarce any footsteps.

Empalement. Cup, double the outer three-leaved, which are oval, and pointed, the inner four-leaved, being awl-shaped, and bent back at the point.

Blossom cylindrical, near an inch long, smooth, yellow, and narrow at the mouth, having a four-lobed, reflexed border.

Chives. Eight hair-like threads, nearly the length of the blossom, fixed into the receptacle. Tips bearded.


Native of the Cape of Good Hope.

Flowers from March till August.

**Reference.**

1. The Empalement and Blossom.
2. The Empalement magnified.
3. The Chives and Pointal.
4. The Chives detached from the Pointal; one tip magnified.
5. The Shaft and its Summit magnified.
ERICA Petiveriana.

**CHARACTER SPECIFICUS.**

*Erica*, antheris muticis, exsertis, longissimis; corollis clavatis, pollicarisbus, luteis; calyce imbri- cato, foliis ternis.

**DESCRIPTIO.**

*Caulis* strictissimus, rigidus, parum ramosus; ramulis brevibus, frequentissimis.

*Folia* terna, linearis, obtusa, in spicibus ramu- lorum fasciculata, petiolis adpressis.

*Flores* in medio ramorum, ramulis ultimis ter- minales, bini, vel terni, recurvi; pedunculi bre- visimis, bracteis tribus calyciformibus.

*Calyx.* Perianthium duplex, imbricatum, in- terius tetraphyllum, exterius triphyllum, foliolis ovatis, acuminatis, concavis, luteis, glabris.

*Corolla* clavata, curvata, lutea, pollicaris, glabra, ad basin grossa, quadriparta; oris lacinis incurvis, adpressis.

*Stamina.* Filamenta octo capillaria, recepta- culo inserta; antherae muticae, exsertae, longis- simae.


*Habitat* ad Caput Bonae Spei.

*Floret* a mense Aprili in Junium.

**REFERENCE.**

1. Calyx et Corolla.
2. Corolla.
3. Calyx leece auctus.
4. Stamina et Pistillum.
5. Stamina a Pistillo duct; anthera unâ lente auctâ.

**SPECIFIC CHARACTER.**

*Heath,* with beardless tips, without the blossom, and very long; the blossom is club-shaped, an inch long, and yellow; the cup is tiled; the leaves grow by threes.

**DESCRIPTION.**

*Stem* very upright, harsh, very little branched; the smaller branches are short, and numerous.

*Leaves* grow by threes, are linear, blunt, and are bundled together at the end of the small branches; the foot-stalks grow close to the branches.

*Flowers* terminate the smaller branches about the middle of the larger ones, by twos and threes, and are bent inwards; the foot-stalks are very short, having three floral leaves, which seem to form part of the cup.

*Empalement.* Cup double, and tiled, the inner four-leaved, the outer three-leaved, which are oval, pointed, hollow, smooth, and yellow.

*Blossom* club-shaped, curved, yellow, smooth, an inch long; swelled at the base, which is divided into four; the segments of the mouth are bent inwards, and pressed to the filaments.

*Chives.* Eight hair-like threads fixed into the receptacle; tips beardless, very long, and without the blossom.


Native of the Cape of Good Hope.

*Flowers* from April till June.

**REFERENCE.**

1. The Empalement and Blossom.
2. The Blossom.
3. The Empalement magnified.
4. The Chives and Pointal.
5. The Chives detached from the Pointal; one tip magnified.
6. The Shaft and Summit magnified.
[Text content is not clearly legible due to the quality of the image.]
ERICA physodes.

**CHARACTER SPECIFICUS.**

ERICA, antheris cristatis, inclusis; corollis ovatis, inflatis, glabrís, viscósis, crystallinis, albis; foliis quaternis, marginibus glandulosis, obtúsis.

**DESCRIPTIO.**

CAULIS fruticosus, bipedalis, erectus; rami erecti, ramulosi.

FOLIA quaterna, obtusa, lato-linearis, carinata, curvata, margine glandulosa, viscosa, patentia.

FLORES umbellati, sub-quaterni, cernui, ad apices ramulorum; pedunculis mediocres, bracteis minutis, distantibus.

CALYX. Perianthium tetraphyllum, foliolis ovatis, brevissimis, adpressis, viscósis.

COROLLA ovata, alba, crystallina, magnitudine pisi; laciniis acuminatis, erectis.

STAMINA. Filamenta octo capillaria; antherae cristatae, inclusae.


Habitat ad Caput Bonæ Spei.

Floret a mense Februario in Julium.

**REFERENCE.**

1. Folium lente auctum.
2. Calyx et Corolla.
3. Calyx lente auctum.
4. Stamina et Pistillum.
5. Stamen lente auctum.
6. Pistillum lente auctum.

**SPECIFIC CHARACTER.**

HEATH, with crested tips within the blossoms, which are egg-shaped, swelled out, smooth, clammy, like crystal, and white; leaves grow by fours, have glandular edges, and are blunt-ended.

**DESCRIPTION.**

Stem shrubby, grows two feet high, upright; the branches grow upright, and have numerous little branches.

Leaves grow by fours, are blunt, broadly linear, keeled, curved, the edges glandular, clammy, and spreading.

Flowers grow in umbels of mostly four together, hanging down from the ends of the smaller branches; the footstalks of the length of the blossoms, with floral leaves that are very small, and placed at a distance from the blossom.

Empalement. Cup of four leaves, which are egg-shaped, very short, pressed to the blossom, and clammy.

Blossom egg-shaped, white, and like crystal, the size of a pea; segments of the border tapering and upright.

Chives. Eight hair-like threads; tips crested, and within the blossom.

Pointal. Seed-bud globular, and furrowed. Shaft just within the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from February till July.

**REFERENCE.**

1. A Leaf magnified.
2. The Empalement and Blossom.
3. The Empalement magnified.
4. The Chives and Pointal.
5. A Chive magnified.
6. The Pointal magnified.
ERICA pinea.

CHARACTER SPECIFICUS.

ERICA, antheris muticis, inclusis; corollis tubulofo-clavatis, sub-albidis; floribus axillaribus, verticillatis, pollicaribus; foliis, sub-paniculatis, linearibus, glabris, rigidis, longis.

DESCRIPTIO.

Caulis erexitus, plus quam bipedalis, robustus; rami verticillati, erecto-patentes, raro ramulosi, cauli similes.

Folia seme, linearis, glabra, patentia, longiflora, petioli adpresus.

Flores in medio ramorum verticillati, horizontalis, pollicaris; pedunculi brevissimi, bracteis tribus instructis.

Calyx. Perianthium tetraphyllum, foliolis subulatis, ad basin latioribus, glabris, adpresso.

Corolla tubulofo-clavata, obtusa, sub-albida; laciniis reflexis.


Habitat ad Caput Bonae Spei.

Floret a mensi Augusti, in Decembrum.

REFERENCES.

1. Folium, lente auctum.
2. Calyx et Corolla.
3. Calyx, auctus.
5. Stamina a Pistillo diduchas, anthera una lente aneta.
6. Pistillum, stigma auctum.
7. Germen, auctum.

SPECIFIC CHARACTER.

HEATH with beardless tips, within the blooms, which are tubularly club-shaped, and nearly white; flowers grow from the lower part of the leaves close to the stem in whorls, are an inch long; leaves grow mostly by fixes, are linear and smooth, stiff, and long.

DESCRIPTION.

STEM upright, grows more than two feet high and very stout; the branches grow in whorls, spreading and upright, seldom breaking into smaller branches, and like the stem.

LEAVES grow by fixes, are linear, smooth, spread outward, and very long, the foot-flanks pressed to the stem.

FLOWERS grow in whorls about the middle of the branches, horizontal, and an inch in length; the foot-flanks very short, with three floral leaves on them.

EMPALEMENT. Cup four-leaved, the leaflets are awl-shaped, broadest at the base, smooth, and pressed to the blossom.

BLOSSOM tubularly club-shaped, blunt ended, and nearly white; the segments of the border are reflexed.

CHIVES. Eight hair-like threads shorter than the blossom. Tips beardless and within the blossom.

POINTAL. Seed-bud turban-shaped and furrowed; hairy on the upper part, and glandular at the base. Shaft thread-shaped, and without the blossom. Summit shield-shaped.

Native of the Cape of Good Hope.

Flowers from August, till December.

REFERENCES.

1. A Leaf, magnified.
2. The Empalment, and Blossom.
3. The Empalment, magnified.
4. The Chives, and Pointal, magnified.
5. The Chives detached from the Pointal, a Tip magnified.
6. The Pointal, the Summit magnified.
7. The Seed-bud, magnified.
ERICA Plukenetia nana.

CHARACTER SPECIFICUS.

ERICA antheris muticis, longissimis, exsertis; floribus solitariis, cernuis, bracteis remotis; corolla sub-cylindrica, sub-truncata, atro-purpurea; oris laciniae minutis, erectis; calycibus simplicibus; foliis ternis, conflatibus, inflexis.

DESCRIPTIO.

CAULIS sub-pedalis, erectus, robustus; rami verticillati, patenti; ramuli frequentissimi, sub-erecti.

FOLIA terna, linearis, glabra, arcuata, inflexa, subutus fulcata; petiolis seret nullis.

FLOWER in medio ramorum ex axillis foliorum verticillati, solitarii; pedunculi longissimi, bracteis minutis, remotis.

CALYX. Perianthium tetraphyllum, foliolis glabris, carinatis, ovatis, acutis, coloratis, adpressis.

COROLLA sub-cylindrica, sub-truncata, glabra, atro-purpurea; laciniae limbi obtusis, obsoletis, viridibus, erectis.

STAMINA. Filamenta octo, plana, longitudinalis corollae. Anteris muticae, exsertae, filamentorum longitudinalis, attenuata in filamenta.


Habitat ad Caput Bone Spei. Floret a mense Junii, in Novembrem.

REFERENCE.


SPECIFIC CHARACTER.

HEATH with beardless tips, very long, and without the blossom; flowers grow solitary, hanging down, with the floral leaves at a distance; blossom nearly cylindrical, appearing nearly as if cut off at the mouth, of a deep purple; the segments of the mouth are small, and upright; the cups simple; leaves grow by threes, crowded together, and turned inwards.

DESCRIPTION.

STEM grows nearly a foot high, upright, and sturdy; the branches grow in whorls, spreading; the smaller branches are numerous, and nearly upright.

LEAVES grow by threes, linear, smooth, bent like a bow, turned inward, and furrowed beneath; scarce any foot-faliks.

FLOWERS grow in the middle of the branches, from the base of the leaves in whorls, and singly; the foot-faliks the length of the blossoms, having very small floral leaves at a distance from the cup.

EMPALMENT. Cup three-leaved, leaflets smooth, keeled, egg-shaped, pointed, coloured, and pressed to the blossom.

BLOOM nearly cylindrical, appearing almost as if cut off at the end, smooth, and of a deep purple; the segments of the border blunt, very small, green, and upright.

CHIVES. Eight flat threads, the length of the blossom. Tips beardless, without the blossom, the length of the threads, and tapered into them.

POINTAL. Seed-bud egg-shaped, and smooth. Shaft thread-shaped, without the blossom, and a little longer than the chives. Summit slightly four-cornered.

Native of the Cape of Good Hope. Flowers from the month of June, till November.

REFERENCE.

1. The Empalment, and Blossom. 2. The Empalment, magnified. 3. The Chives, and Pointal. 4. The Chives detached from the Pointal, one Tip magnified.

6. The Seed-bud, magnified.
ERICA pubescens.

CHARACTER SPECIFICUS.

ERICA, antheris ariftatis, inclusis; stylo sub-exerto; corollis ovatis, pubefcentibus; foliis quaternis, arcuatis, incurvatis, hirtis; caule pilofo.

DESCRIPTIO.

CAULIS fruticosus, ramosus, pilofo; rami et ramuli pilosi, filiformes, virgati.

FOLIA quaterna, fepe ternam, obtusam, villosam, incurvam, arcuam, subulatam, subulatam, hirtam, adpresso.

FLORES in ramulis terminales, umbellati, bini, terni, vel pluris, copiosis, purpureas; pedunculi capitati, bracteis tribus, hirtulis, instruit.

CALYX. Perianthium tetraphyllum, foliolis pilosis, rufescensibus, subulatis, apicibus colorets, obtusis.

COROLLA, ovata, obtusa, villosa; oris laciniis minutis, erectis.

STAMINA. Filamenta ocoli capillaria. Antherae arifatae, inclusae.

PISTILLOM. Germen ovatum, ad basin glandulosum. Stylus filiformis, purpureus. Stigma ad basin peltatum, apice tetragonum.

Habitat ad Caput Bonae Spei.

Floret a mensi Augusti, in Februario.

REFERENTIA.

1. Folium, auctum.
2. Calyx, et Corolla.
3. Calyx, auctus.
4. Stamina et Pistaillum.
5. Stamina, lente aucta.

SPECIFIC CHARACTER.

HEATH, with bearded tips, within the blossom; shaft just without; blossoms egg-shaped and downy; leaves grow by fours, bowed, turned inwards, and hairy; stem hairy.

DESCRIPTION.

STEM shrubby, branching and hairy; the large and small branches are hairy; thread-shaped, and twiggy.

LEAVES grow by fours, often by threes, blunt, hairy, turned inwards, bowed, and furrowed beneath; having very short foot-stalks preffed to the stem.

FLOWERS terminate the small branches in umbels of two, three, or more, are very abundant, and purple; foot-stalks are hair-like, having three hairy floral-leaves on them.

EMPALMENT. Cup of four leaves, which are hairy, rough, awl-shaped, coloured at the ends, and blunt.

BLOOM egg-shaped, blunt, and hairy; the segments of the mouth are small and upright.

CHIVES. Eight hair-like threads. Tips bearded, and within the blossom.

POINTAL. Seed-bud egg-shaped and glandular at the base. Shaft thread-shaped and purple. Summit shield-shaped at the base, and four-cornered at the top.

Native of the Cape of Good Hope.

Flowers from August, till February.

REFERENCE.

1. A leaf, magnified.
2. The Empalement, and Blossom.
3. The Empalement, magnified.
4. The Chives, and Pointal.
5. The Chives, magnified.
6. The Seed-bud, Shaft, and its Summit, magnified.
ERICA pulchella.

### Specific Character

**Heath**, with beardless tips, within the blossom; the flowers nearly globular, flesh coloured, and grow from the lower part of the leaves, close to the branches, forming a loose spike; stem thread-shaped, growing zig-zagged; leaves grow by threes, three-sided, tilled, and forming six edges.

### Description

**Stem** grows zig-zagged, a foot high, and smooth; branches like the stem, grow nearly simple, thread-shaped, and long.

**Leaves** grow by threes, three-sided, smooth, blunt, forming six edges, and almost upright; the foot-stalks are very short, and pressed to the branches.

**Flowers** grow in loose spikes, near the ends of the small branches from the lower part of the leaves; the foot-stalks very long, having three small floral leaves near the lower part.

**Empalement.** Cup of four leaves, which are fringed, concave, pressed to the blossom, and egg-shaped.

**Blossom,** almost globular, small, and flesh-coloured; the segments small, and upright.

**Chives.** Eight hair-like threads, fixed into the receptacle. Tips beardless, and within the blossom.

**Pointal.** Seed-bud globular. Shaft cylindrical, and within the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from August, till February.

### Reference

1. A Leaf, magnified.
2. The Blossom, and Empalement.
3. The Empalement, magnified.
4. The Chives detached from the Pointal.
5. A Chive, magnified.
6. The Seed-bud, Shaft, and Summit, magnified.

---

### Character Specificus

**ERICA, antheris muticis, inclusa; Flores sub-globosi, incarnati, axillares, paniculati; Caulis filiformis, flexuosus; Folia terne, trigona, sexfariam imbricata.**

### Descriptio

**Caulis** flexuosus, pedalis, glaber; rami flexuosi, sub-simplices, filiformes, longi.

**Folia** terne, trigona, glabra, obtusa, sexfariam imbricata, sub-erecfa; petiolis brevissimi, adpreflis.

**Flores** in summis ramulis paniculati, axillares; pedunculi longissimi, bradelis tribus, minutis, remotis, infructi.

**Calyx.** Perianthium tetraphyllum, foliolis ciliatis, concavis, adpreflis, ovatis.

**Corolla** sub-globosa, parva, incarnata, lacinis minutis, erectis.

** Stamina.** Filamenta odi capillaria, receptaculo inferta. Antherae muticis, inclusae.

**Pistillum.** Germen globofum. Stylus cylindricus, inclusus. Stigma tetragonum.

Habitat ad Caput Bonae Spei.

Floret a mensi Augusti, in Februario.

### Referentia

1. Folium unum, lente auctum.
2. Corolla, et Calyx.
3. Calyx, lente auctus.
4. Stamina a Pistillo diduèa.
5. Stamen unum lente auctum.
ERICA purpurea.

**CHARACTER SPECIFICUS.**

**ERICA,** antheria muticae, exsertis; corollis verticillatis, tubulosis, a basi incurvata, fenestris ampliatris; folis subincibus.

**DESCRIPTIO.**

**Caulis** fruticosus, erectus, bipedalis, puberulentus, basi simplicissimus, dein verticillatim ramosus, ramis simplicibus, adscendentibus.

**Folia** subincisa, linearia, recurvato patentes, supra plana, subtrans revoluta, acuta, brevissimis adpressis petiolis.

**Flores** verticillati, subterminales, dilute purpurei, pedunculis brevissimis instructi.

**Calyx.** Perianthium tetraphyllum, foliolis erectis, ovato-oblongis, acuminatis; bracteis binis adpressis.

**Corolla** tubulosa, basi incurvata, fenestris apicem dilatata; ore quadrilobo aequale patente.

**Stamina.** Filamenta oculo capillaria, receptaculo instructa. Antherae muticae, exsertae, bipartite.

**Pistillum.** Germen turbinatum. Stylus filiformis, filamentis longior. Stigma tetragonum.

Habitat ad Caput Bone Spei.

Floret a mensi Julii ad Decembrem.

**REFERENTIA.**

1. Calyx et Corolla.
2. Calyx et Bracteae lente audita.
4. Stamina a Pistillo didueta, anthera una lente audita.
5. Stylus et Stigma lente audita.

**SPECIFIC CHARACTER.**

**HEATH,** with beardless tips, without the blossoms; which grow in whorls, are tubular, gradually widening from an incurved base; leaves growing mostly by fles.

**DESCRIPTION.**

**STEM** shrubby, upright, grows two feet high, downy, quite entire at the base, then throws out a number of whorled, simple, ascending branches.

**LEAVES** growing generally in fles, linear, bent backward and spreading, plain on their upper, and rolled back on their under, surface, sharp-pointed, inflexible, with short leaf-stalks pressed closely to the stem.

**FLOWERS** grow in whorls, nearly at the top of the branches, of a fine light purple, and furnished with very short foot-stalks.

**EMPALEMENT.** Cup four-leaved, which are of an oblong-oval shape, upright, and pointed; with two floral-leaves close to it.

**BLOSSOM** tubular, with an incurved base, gradually widening towards the mouth, which is cut into four equal, spreading lobes.

**CHIVES.** Eight hair-like threads, fixed in the receptacle. Tips beardless, without the blossom, and deeply divided.

**POINTAL.** Seed-veil turban-shaped. Shaft thread-shaped, longer than the threads. Summit four-cornered.

Native of the Cape of Good Hope.

In bloom from July till December.

**REFERENCE.**

1. The Empalement with the Blossom.
2. The Empalement and Floral-leaves magnified.
3. The Chives and Pointal.
4. The Chives detached from the Pointal, one tip magnified.
5. The Shaft and its Summit magnified.
ERICA pyramidalis.

**Character Specificus.**

*Erica*, antheris muticis, inclusis; floribus umbellatis, sub-quaternis; corolla pyramidata, carnea, lacinis maximis, erectis; foliis sub-quaternis, linearibus, pilosis, obtusis.

**Descripition.**

*Caulis* fruticosus, ramulos, flexilis; ramuli frequentissimi, verticillati, sub-quaterni, brevi, cernui.

*Folia* sub-quaterna, linearis, pilosa, tenuis, subitus fulcata; petiolis brevissimis, adpressis.

*Flores* in specibus ramulorum umbellatis, sub-quaterni; pedunculi recti, colorati, bracteis minutis, remotis.

*Calyx.* Perianthium tetraphyllum, foliolis, subulatis, adpressis.

*Corolla* campanulato-infundibuliformis, carnea; lacinis limbi acutis, maximis, semiovatis, apicibus parum patulis.

*Stamina.* Filamenta octo capillaria. Anthereae muticæ, inclusæ.


Habitat ad Caput Bonæ Spei.

Floret a medio Septembris, in Decembrem.

**Referentia.**

1. Calyx, et Corolla.
2. Calyx, lente auctus.
3. Corolla.
4. Stamina à Pistillo dicta.
5. Anthera una lente aucta.
6. Pistillum, lente auctum.

**Specific Character.**

*Heath,* with beardless tips, within the blossom; flowers grow in umbels mostly of four; blossom pyramid-shaped and flesh-colored, the segments very large, and upright; leaves grow generally by fours, linear, hairy and blunt ended.

**Description.**

*Stem* shrubby, branching and flexible; small branches are numerous, grow in whorls, mostly by fours, short and hanging down.

*Leaves* grow most frequently by fours, are linear, hairy, thin and furrowed beneath; footstalks very short and pressed to the stem.

*Flowers* grow at the ends of the small branches in bunches, generally of four; the footstalks grow straight, are coloured, having the floral leaves at a distance from the blossom.

*Empalement.* Cup four-leaved, leafletsawl-shaped, and pressed to the blossom.

*Blossom* between bell and funnel-shaped, and flesh-colored; the segments of the border are pointed, very large, half egg-shaped, with the ends a little spreading.

*Chives.* Eight hair-like threads. Tips beardless, and within the blossom.

*Pointal.* Seed-bud nearly globular, eight divisions at the top and flattened. Shaft thread-shaped, upright and just without the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from September, till December.

**Reference.**

1. The Empalement, and Blossom.
2. The Empalement, magnified.
3. The Blossom.
4. The Chives detached from the Pointal.
5. A Tip, magnified.
6. The Pointal and Seed-bud, magnified.
ERICA radiata.

**CHARACTER SPECIFICUS.**

ERICA, antheris muticis, inclusis; stylo exerto; floribus horizontaliter-verticillatis, terminalibus; corollis sub-cylindricis, pollinaribus, lacinii revolutis; foliis quaternis, glabris, patentibus.

**DESCRIPTIO.**


Habitat ad Caput Bonae Spei. Floret a menti Augusti, in Novembrem.

**REFERENCE.**

1. Flos.
2. Calyx, lente auctus.

**SPECIFIC CHARACTER.**

HEATH, with beardless tips, within the blossom; shaft without; flowers terminate the branches in horizontal whorls; blossoms nearly cylindrical, an inch long, with the segments of the border rolled back; leaves grow by fours, smooth and spreading.

**DESCRIPTION.**

Stem shrubby, upright, grows near a foot high, and branching; the branches nearly simple, spreading upright and smooth.

Leaves grow by fours, linear, spreading, furrowed on the under part, flat on the upper part and smooth; the foot-flakes preflod to the branches.

Flowers grow in whorls at the ends of the smaller branches, standing horizontally; the foot-flakes the length of the leaves, having three awl-shaped floral leaves.

Empalement. Cup four-leaved, the leaflets are awl-shaped, and preflod to the blossom.

Blossom almost cylinder-shaped, thrice the length of the cup; the segments of the mouth are rolled back.

Chives. Eight hair-like threads. Tips bearded, and within the blossom.


Native of the Cape of Good Hope.

Flowers from August, till November.

**REFERENCE.**

1. The Flower.
2. The Empalement, magnified.
3. The Chives, and Pointal.
4. The Shaft and Summit, magnified.
ERICA ramentacea.

CHARACTER SPECIFICUS.

ERICA, antheris cristatis, inclusis; corollis globosis, umbellis confertis, rubro-purpureis, pedunculis longissimis, coloratis; foliis quaternis.

DESCRIPTIO.

CAULIS erectus, spithamseus, ramosissimus, rami et ramuli filiformes, divaricato-patentes.

FOLIA quaterna, linearia, sub tus sulcata, glabra, acuminata.

FLORES plures, terminales, umbellati, conferti; pedunculi purpurei, longissimi, capillares, bracteis tribus instructi.

CALYX. Perianthium tetraphyllum, foliolis subulatis, coloratis.

COROLLA globosa, rubro-purpurea, ore contracto, laciniis minutis, reflexis.

STAMINA. Filamenta octo capillaria, receptaculo inserta; Antheris cristatis, inclusis.

PISTILLUM. Germin globosum, sulcatum; Stylus filiformis sub-exsertus. Stigma tetragonum, pubescens.

Habitat ad Caput Bonae Spei.

Floret a mense Augusti in Decembrem.

REFERENTIA.

1. Calyx, et Corolla.
2. Calyx lente auctus.
4. Stamina a Pistillo diducta, anthera una lente aucta.
5. Stylus, et Stigma, lente aucta.

SPECIFIC CHARACTER.

HEATH, whose tips are crested, and within the blossoms, which are globe-shaped, growing in close bunches, of a reddish-purple colour, having very long foot-stalks coloured; the leaves grow by fours.

DESCRIPTION.

STEM upright, a span high, very much branched; the larger and smaller branches are thread-shaped, and spread into various directions.

LEAVES grow by fours, are linear, furrowed underneath, smooth, and pointed.

The Flowers are numerous, terminating the branches in close bunches; the foot-stalks are purple, very long, hair-like, and have three floral leaves.

EMPALEMENT. Cup four-leaved, which are awl-shaped, and coloured.

BLOSSOM globe-shaped, of a reddish purple, the mouth contracted, the segments of which are very small, and bent back.

CHIVES. Eight hair-like threads fixed into the receptacle; the tips crested, and within the blossom.

POINTAL. Seed-vessel globe-shaped, and furrowed. Shaft thread-shaped, just without the blossom. Summit four-cornered, and downy.

Native of the Cape of Good Hope.

Flowers from August till December.

REFERENCE.

1. The Empalement, and Blossom.
2. The Empalement magnified.
3. The Chives, and Pointal.
4. The Chives detached from the Pointal; one tip magnified.
5. The Shaft, and its Summit, magnified.
ERICA retorta.

CHARACTER SPECIFICUS.

ERICA, antheris muticis, inclusis; folis quaternis, retortis, apice fetaecis, serrate ciliatis; floribus umbellatis, villosis, carneis, amplexo-laciniatis.

DESCRIPTIO.

Caulis fruticosus, pedalis, erectus, ramosus; rami flexuosi, filiformes.

Folia quaterna, retorta, feta terminali arista tata, margine ciliata, glabra, supra plana, subtus fulcata; petioli brevissimi, adpressi.

Flores plures, subterminales, fetae quatuor, verticillati, villosi; pedunculi longi, breviflumina tribus inflati.

Calyx. Perianthium tetraphyllum, foliolis aris tatis, apice ciliatis, fubovatis, villosis, adpressis.

Corolla, basi inflata, apice attenuata, ima parte carne, summa suturate purpurea, ore arcato, lacinis ovatis, reflexis.


Pistillum. Germin clavatum; stylus erectus, purpureus; stigmate tetragonum.

Habitat ad Caput Bonae Spei.

Floret a mensie Julii, in Octobrem.

REFERENCE.

1. Folium unum lente auectum.
2. Calyx, et Corolla.
3. Calyx, lente auectus.
5. Stamina a Pistillo diducta; anthera una lente auecta.

SPECIFIC CHARACTER.

HEATH, with beardless tips, within the blossom; the leaves grow by fours, are rolled back, having bristles at their points, and fringed at their edges; the flowers grow in bunches, are clammy, flesh coloured, and flask-shaped.

DESCRIPTION.

STEM shrubby, grows about a foot high, and upright; the branches are crooked, and thread-shaped.

The LEAVES grow by fours, are rolled back, terminating with an awn-like bristle, fringed at the edges, smooth, flat on the upper and furrowed on the under part, having short foot-stalks pressed to the branches.

The FLOWERS are numerous, nearly terminal, mostly by fours, in whorls, and clammy; the foot-stalks are long, having three floral leaves.

EMPALEMENT. Cup four-leaved, which are each terminated by a bristle, the ends fringed, nearly oval, clammy, and pressed to the blossom.

The BLOSSOM is swelled out at the base, and tapers to the point, the lower part is of a flesh colour, the upper deep purple, straightened at the mouth, whose segments are egg-shaped, and bent back.

CHIVES. Eight hair-like threads fixed into the receptacle. The tips are within the blossom, beardless, and covered with hairs.

POINTAL. Seed vesel club-shaped; shaft without the blossom, and purple; summit four-cornered.

Native of the Cape of Good Hope.

Flowers from July, till October.

REFERENCE.

1. One leaf magnified.
2. The Empalement, and Blossom.
3. The Empalement magnified.
4. The Chives and Pointal.
5. The Chives detached from the Pointal; one tip magnified.
6. The Shaft and its Summit magnified.
ERICA Sebana *aurantia*.

**CHARACTER SPECIFICUS.**

**ERICA**, antheris muticis, exsertis, longissimis; corolla clavata, incurvata, aurantia; lacinis obtusis, incurvis; floribus ternis, terminalibus; calyx duplex, imbricatus; foliis ternis, aranesis, reflexis; raui toti techi ramulis brevitissimis.

**DESCRIPTIO.**

**Caulis** robustus, erectus, pedalis; rami pauci, techi ramulis congruis, brevitissimis.

**Folia** terna, linearia, arcuata, conferta, subtrigona, reflexa, acuta, brevitissime petiolata.

**Flores** terni in spicis ramorum dependenti; pedunculi brevitissimi, nudii.

**Calyx**. Perianthium duplex, outer triphyllum, foliolis, lato-ovatis, membranaceis, adpressis, imbricatis; inner tetraphyllum, foliolis majoribus.

**Corolla** clavata, incurvata, aurea, calyce duplo longior; lacinis limbi obtusis, incurvis.

**Stamina.** Filamenta ocho linearia, plana. Antherae mutice, exsertae, longissimae, lineares, attenuata in filamenta.

**Pistillum.** Germen ovale, acuta truncatum, fulcatum. Stylus filiformis, flaminibus paulo longior. Stigma obsolote tetragonum.

Habitat ad Caput Bone Spei.

Floret a mensa Julii, in Novembrem.

**REFERENTIA.**

1. Calyx acutus.
2. Flos.
4. Stamina a Pistillo didueta.
5. Anthera una, lente acuta.
7. Germen, acutum.

**SPECIFIC CHARACTER.**

**HEATH**, with beardless tips, without the blossom, and very long; blossom club-shaped, turned inwards and orange coloured; segments blunt, turned inwards; flowers grow by threes at the ends of the branches; cup double, tiled; leaves grow by threes, are curved, and reflexed; the branches are quite covered with little branches.

**DESCRIPTION.**

**Stem** sturdy, upright, grows a foot high; branches few, covered by little branches which are crowded together.

**Leaves** grow by threes, linear, arched, crowded, nearly three-sided, reflexed, sharp-pointed, very small foot-flanks.

**Flowers** grow by threes at the end of the small branches, hanging down; very short, naked, foot-flanks.

**Empalement.** Cup double, *the outer* three-leaved, leaflets broad egg-shaped and skinny, pressed to the item, tiled; *the inner* four-leaved, with larger leaflets.

**Blossom** club-shaped, turned inwards, orange colour, and twice the length of the cup; the segments of the mouth blunt and turned inwards.

**Chives.** Eight linear, flat threads; tips beardless, without the blossom, very long, linear, and tapered into the threads.

**Pointal.** Seed-bud oval, appearing cut off at the end and furrowed. Shaft thread-shaped, a little longer than the chives. Summit slightly four-cornered.

Native of the Cape of Good Hope.

Flowers from July, till November.

**REFERENCE.**

1. The Empalement, magnified.
2. A Flower.
3. The Chives, and Pointal.
4. The Chives detached from the Pointal.
5. A Tip, magnified.
6. The Summit, magnified.
7. The Seed-bud, magnified.
ERICA Sebana lutea.

**CHARACTER SPECIFICUS.**

**ERICa**, antheris muticis, exsertis, longifis; corolla conica, lutea; lacinii obutii, erectiis; floribus ternis, terminalibus, dependebitibus; calyx duplex, imbricatus; folis ternis, controversis, reflexis, arcutatis; caulibus simplex, elongatis.

**DESCRIPTIO.**

**CAULIS** erectus, bipedalis, laxus; rami pauci, ramulis brevissimis tecti.

**FOLIA** terna, linearia, arcuata; conferta, subtrigona, reflexa, acuta, brevissime petiolata.

**Flores** terni in apice ramulorum penduli; pedunculis brevissimis.

**Calyx.** Perianthium duplex, esterioris triphyllum, foliolis lato-ovatis, membranaceis, adpresso, imbricatis; interiorius tetrathyllum, foliolis majoribus.

**Corolla** conica, calycis duplici longior, lutea; lacinii limbi erecti, acutis.

**Stamina.** Filamenta octo, linearia, plana. Anthereae mutice, exsertae, lineares, longissime, attenuata in filamenta.

**Pistillum.** Germen ovale, acuatum, fulcatum. Sylus filamentos, exsertus, fiaminibus paulo longior. Stigma obfolceum, virens.

**Habitat ad Caput Bone Spei.**

**Floret a mensse Augusti, in Januarium.**

**REFERENTIA.**

1. Calyx.
2. Corolla.
4. Stamina a pistillo dividita.
5. Anthere una, lente aucta.
7. Germen, aucaum.

**SPECIFIC CHARACTER.**

**Heath,** with beardles tips, without the bloss and very long; blossom conical, and yellow; segments of the border upright; flowers grow by threes, terminating the branches, hanging down; empalement double, tilled; leaves grow by threes, very crowded, are bent back and crooked; stem simple, lengthened out.

**DESCRIPTION.**

**Stem** upright, grows two feet high, and weak; larger branches few, covered with numerous shorter ones. 

**Leaves** grow by threes, linear, curved, crowded, nearly three-sided, reflexed, sharp-pointed, foot-falks very short.

**Flowers** grow by threes hanging down at the end of the smaller branches; foot-falks very short.

**Empalement.** Cup double, the outer three-leaved, leaflets broad-egg-shaped, skinny, prefixed to the inner, and tilled; the inner four-leaved, with larger leaflets.

**Blossom** conical, twice the length of the cup, yellow; the segments of the border blunt and upright.

**Chives.** Eight linear threads, flat. Tips beardless, without the blossom, linear, very long, tapered into the threads.

**Pointal.** Seed-bud oval, appearing cut off at the end, furrowed. Shaft thread-shaped, without the blossom, a little longer than the chives. Summit obfolute, and greenish.

Native of the Cape of Good Hope.

Flowers from August, till January.

**REFERENCE.**

1. The Empalement.
2. The Blossom.
3. The Chives, and Pointal.
4. The Chives detached from the pointal.
5. A Tip, magnified.
6. The Pointal of the natural size, the Summit larger.
7. The Seed-bud, magnified.
ERICA Sebana, viridis.

**CHARACTER SPECIFICUS.**

*Erica*, antheris muticis, exertis, longissimis; corolla conica, sub-viridis, lacininis obtusis, rectis; floribus ternis, terminalibus, dependentibus; calyx duplex, imbricatus; foliis ternis, reflexis, conflatis, arcuatis.

**DESCRIPTIO.**

*CAULIS* robustus, erectus, pedalis; rami tecti ramulis brevissimis, conflatis.

*FOLIA* terna, linearia, arcuata, conflata, sub-trig'ona, reflexa, apice acuta, brevissime petiolata.

*Flores* terni, in apice ramorum brevissimorum cernui.

*Calyx.* Perianthium duplex; exterius triphyllum, foliolis lato-ovatis, membranaceis, adpressis, imbricatis; interius tetraphyllum, foliolis majoribus.

*Corolla* conica, calyce duplo longior, pallide-viridis; laciniis limbi obtusis, rectis.

*Stamina.* Filamenta octo, linearia, plana; antherae muticas, exsertas, longissimas, sub-rubras.


Habitat ad Caput Bona Spei.

Floret in mense Aprilis.

**REFERENTIA.**

1. Calyx et Corolla.
2. Calyx lente auctus.
3. Corolla.
4. Stamina et Pistillum.
5. Stamen unum auctum.
6. Pistillum lente auctum.

**SPECIFIC CHARACTER.**

Heath, with beardless tips, without the blossom, and very long; blossom conical and greenish, having the segments of the mouth blunt, and straight; the flowers grow by threes, at the end of the branches, hanging down; cup double and tiled; the leaves grow by threes, are bent backward, crowded together, and arched.

**DESCRIPTION.**

*Stem* sturdy, upright, and a foot high; the branches are covered with very short lesser branches, crowded together.

*Leaves* grow by threes, are linear, arched, crowded together, nearly three-sided, reflexed, sharp-pointed, and on very short footstalks.

*Flowers* grow by threes, at the end of the shorter branches hanging down.

*Empalement.* Cup double; the outer three-leaved, the leaflets of a broad egg-shape, skinny, pressed to the inner cup, and tiled; the inner four-leaved, the leaflets larger.

*Blossom* conical, twice the length of the cup, and pale green; the segments of the border are blunt, and straight.

*Chives.* Eight linear, flat threads; tips beardless, without the blossom, very long, and reddish.

*Pointal.* Seed-bud conical. Shaft thread-shaped, without the blossom, and something longer than the chives. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers in the month of April.

**REFERENCE.**

1. The Empalement and Blossom.
2. The Empalement magnified.
3. The Blossom.
4. The Chives and Pointal.
5. A Chive magnified.
6. The Pointal magnified.
ERICA serratifolia.

**CHARACTER SPECIFICUS.**

Erica, antheris muticis sub-exsertis, corollis sub-cylindricis, luteo-aurantiis, sub-pollicaribus; foliis quaternis, rigidis, acutis, serratis.

**DESCRIPTIO.**

Caulis erectus, rigidus, pedalis, ramosus; rami frequentissimi, breves.

Folia quaterna, rigida, serrata, acuta, nuda, trigona, patentia, apice incurvata; petiolis brevissimi, adpressis.

Flores terminales, in apicibus ramulorum bini vel terni, sub-cernui; pedunculi breves, bracteis tribus instructi.

Calyx. Perianthium tetraphyllum, foliolis lanceolatis, serratis, reflexis.

Corolla sub-pollicaria, sub-cylindrica, luteo-aurantia, apice paulo contracta; oris laciniis reflexis.

Stamina. Filamenta octo capillaria; antherae sub-exsertae, muticce.


Habitat ad Caput Bonae Spei.

Floret a mense Augusti in Decembrem.

**REFERENTIA.**

1. Calyx et Corolla.
2. Calyx lente auctus.
4. Stamina a Pistillo diducta, anthera unâ lente aucta.
5. Stylus et Stigma lente aucti.

**SPECIFIC CHARACTER.**

Heath, with beardless tips just out of the blossoms, which are nearly cylindrical, of an orange yellow, almost an inch long; the leaves grow by fours, are harsh, sharp, and sawed at the edges.

**DESCRIPTION.**

Stem upright, harsh, grows a foot high, and much branched; the smaller branches are numerous, and short.

Leaves grow by fours, are harsh, sawed, sharp, shining, three-sided, and spreading, the point bent inwards; with very short floral leaves pressed to the stem.

Flowers are terminal, two or three together at the end of the smaller branches, bending a little downward; the footstalks are short, having three floral leaves.

Empalement. Cup four-leaved; the leaflets are spear-shaped, sawed, and bent outward.

Blossom near an inch long, almost cylindrical, orange yellow, a little contracted at the top; the segments of the mouth are bent back.

Chives. Eight hair-like threads; tips nearly without the blossom, and beardless.


Native of the Cape of Good Hope.

Flowers from August till December.

**REFERENCE.**

1. The Empalement and Blossom.
2. The Empalement magnified.
3. The Chives and Pointal.
4. The Chives detached from the Pointal, one tip magnified.
5. The Shaft and its Summit magnified.
ERICA fetacea.

**CHARACTER SPECIFICUS.**

**ERICA,** antheris bafi bicornibus, inclusis; stylo longiflimo, exerto; floribus racemosis, terminallibus, ternis; corollis urceolatis, pallidis, minutis; foliis ternis, hispidis; caulis flexilis, filiformis.

**DESCRIPTIO.**

**Caulis** rami et ramuli filiformes, flexuosi, terminissime scabri, villoso.

**Folia** ternis, linearia, arcuata, obtusa, supra sub-scabrida, margine fetacea, revoluta; petioli brevissimi.

**Flores** in ultimis ramulis terminales, sub-terni, spicati; pedunculi longitudine florum, bracteis tribus, ad basin instructi.

**Calyx.** Perianthium tetraphyllum, foliolis ovatis, apice pilosis, adpressis.

**Corolla** urceolata, glabra, sub-albida, minuta; laciniae limbi sub-erectae, obtuse.

**Stamina.** Filamenta octo capillaria. Antherae inclusae, ad basin bicornutae.

**Pistillum.** Germen sub-globose, fulcatum. Stylos exsertos, longiflimos. Stigma maximum, tetragonum, purpureum.

Habitat ad Caput Bone Spei. Floret a medio Februarii, in Aprilem.

**REFERENCE.**

1. Folium unum, lente audum.
2. Calyx, et Corolla.
3. Calyx, autus.
4. Stamina et Pistillum.
5. Stamina a Pistillo duiducta.
7. Pistillum, lente autum.

**SPECIFIC CHARACTER.**

Heath, with tips two-horned at the base, within the blossom, the shaft very long and without; flowers grow in long bunches, terminating the small branches by threes; blossoms pitcher-shaped, pale and small; leaves grow by threes, with harsh hair on them; stem weak and thread-shaped.

**DESCRIPTION.**

Stem larger and smaller branches are thread-shaped, grow zig-zag, are a little rough and hairy.

Leaves grow by threes, are linear, bowed, blunt, roughish on the upper side, briefly and rolled back at the edge; the footstalks very short.

Flowers grow mostly by threes at the extremity of the smaller branches, forming a spike; the footstalks the length of the flowers, having three floral leaves at the base.

Empalement. Cup four-leaved, leaflets egg-shaped, hairy at the end and pressed to the blossoms.

Blossom pitcher-shaped, smooth, whitish and small; the segments of the border are almost upright and blunt.

Chives. Eight hair-like threads. Tips within the blossom and two-horned at the base.

Pointal. Seed-bud nearly globular, and furrowed. Shaft without the blossom, and very long. Summit very large, four-cornered, and purple.

Native of the Cape of Good Hope.

Flowers from February till April.

**REFERENCE.**

1. A leaf, magnified.
2. The Empalement, and Blossom.
3. The Empalement, magnified.
4. The Chives, and Pointal.
5. The Chives detached from the Pointal.
7. The Pointal, magnified.
ERICA fordida.

CHARACTER SPECIFICUS.
ERICA, antheris muticis, exsertis; corollis pilosis, curvis, fordide-luteis; floribus terminalibus, fessilibus; folia quaterna, linearis, pilis longis tecla.

DESCRIPTIO.
CAULIS fruticosus, erectus, apice pilosus; rami sparci, erecti; ramuli frequentissimi, pilosi.
FOLIA quaterna, linearis, pilosa, obtusa; petiolis brevissimis.
Flores sessiles in omnibus ramorum apicibus, solitarii, bini, vel terni; pedunculi brevissimi, brunnei tribus, adpresso, instructi.
Calyx. Perianthium tetraphyllum, foliolis foliis similibus, adpresso.
Corolla tubulosa-clavata, curvata, pollicaria, fordide-lutea, pilosa; oris lacinii recurvatis.
Stamina. Filamenta octo capillaria, apice incurvata. Antherae muticas, exsertas.

Habitat ad Caput Bonae Spei.
Floret a mensi Augusti, in Decembrem.

REFERENCES.
1. Folium, auclum.
2. Calyx, et Corolla.
3. Calyx, auclus.
4. Stamen et Pistillum, anthera uma, auclia.
5. Stigma, auclum.

SPECIFIC CHARACTER.
HEATH, with beardless tips, without the blossoms, which are hairy, curved, and of a dirty yellow; flowers terminate the branches, fitting close to the stem; leaves grow by fours, linear, and covered with long hairs.

DESCRIPTION.
STEM thorny, upright, hairy at the top; branches scattered, upright; smaller branches numerous, and hairy.
LEAVES grow by fours, linear, hairy and blunt; with very short foot-talks.
FLOWERS fit close upon the ends of the smaller branches, growing solitary, or by two, or three; the foot-talks are very short, having three floral leaves pressed close to the cup.
EMPALMENT. Cup four-leaved, the leaflets like the other leaves, and pressed to the blossom.
BLOSSOM tubularly club-shaped, curved, an inch long, of a dirty yellow colour and hairy; the segments of the mouth rolled back.
CHIVES. Eight hair-like threads, curved inwards at the points. Tips beardless, and without the blossom.
POINTAL. Seed-bud egg-shaped, and furrowed. Shaft thread-shaped and without the blossom. Summit four-cornered.

Native of the Cape of Good Hope.
Flowers from the month of August, till December.

REFERENCE.
1. A leaf, magnified.
2. The Empalement, and Blossom.
3. The Empalement, magnified.
4. The Chives and Pointal, a tip magnified.
5. The Summit, magnified.
ERICA fpicata.

**CHARACTER SPECIFICUS.**

**ERICA,** antheris ariftatis, inclus; floribus pluribus, densè fpicatis, subterminalibus; foliis subfusenis.

**SPECIFIC CHARACTER.**

**HEATH,** with bearded tips, within the blossoms; which are numerous, on a close spike, nearly terminating the branches; leaves growing mostly by fixes.

**DESCRIPTION.**

**STEM** shubby, growing a foot high, upright, with numerous, crowded, undivided, and ascending branches.

**LEAVES** growing mostly by fixes, sharp-pointed, spreading, and smooth, channelled underneath, and pressed to the stem by short foot-stalks.

**FLOWERS** numerous, growing nearly at the end of branches, in hard close-set spikes; the lower part of a light yellow, the extremity of a light green.

**EMPALMENT.** Cup permanent, double; the outer many-leaved, unequal, and spear-shaped; the inner four-leaved, which are yellow, crooked, and spatula-shaped; their upper part hard, inflated, sharp-pointed, and tending to each other.

**BLOSSOM** somewhat cylindrical, with a tapered base; the mouth blunt, and divided into a four-cleft, equal border, whose segments tend to each other.

**CHIVES.** Eight hair-like threads, nearly of a length with the blossom, fixed into the receptacle. Tips bearded, and within the blossom.

**POINTAL.** Seed-vessel roundish. Shaft thread-shaped, and longer than the threads. Summit four-cornered.

Native of the Cape of Good Hope.

In bloom from November till April.

**REFERENCE.**

1. The Empalment with the Blossom.
2. The Empalment and Floral-leaves magnified.
3. The Chives and Pointal.
4. The Chives detached from the Pointal, one tip magnified.
5. The Shaft and its Summit magnified.
ERICA spuria.

CHARACTER SPECIFICUS.
ERICA, antheris muticis, inclusis; stylo exerto; corollis sub-cylindricis, dilute purpureis; lacininis revolutis; floribus terminalibus, sub-quaternis; foliis quaternis, sub-ciliatis.

DESCRIPTION.
CAULIS fruticosus, pedalis, ramosus; ramuli numerosi, sub-erecti.

Folia quaterna, linearia, sub-ciliata, subtus sulcata; petiolis brevissimis, adpressis.

Flores in apicibus ramorum sessiles, sub-quaterni; pedunculi brevissimi, bracteis tribus minutis instructi.

CALYX. Perianthium tetraphyllum, foliolis subulatis, carinatis, adpressis.

Corolla sub-cylindrica, pollicaris, dilute purpurea; lacininis sub-ovatis, acutis, revolutis; ore parum arctato.

STAMINA. Filamenta octo capillaria, corollâ breviore; antherae muticie, incluse.


Habitat ad Caput Borne Spei.
Floret a mense Aprili in Augustum.

REFERENCE.
1. Calyx et Corolla.
2. Calyx lente aucta.
4. Stamina a Pistillo diducta; anthera una lente aucta.
5. Stylus et Stigma, lente aucta.

SPECIFIC CHARACTER.
HEATH, with beardless tips, within the blossom; shaft without; blossoms nearly cylindrical, of a light purple; segments of the border rolled back; flowers terminate the smaller branches, mostly by fours; leaves grow by fours, a little hairy at the edges.

DESCRIPTION.
Stem shrubby, grows a foot high, and branching; the small branches are numerous, and nearly upright.

Leaves grow by fours, are linear, a little hairy, furrowed beneath; with very short foot-stalks pressed to the branches.

Flowers grow at the end of the small branches, generally by fours, and sitting close upon them; footstalks very short, having three very small floral leaves.

Empalement. Cup of four leaves, which are awl-shaped, keeled, and pressed to the blossom.

Blossom nearly cylindrical, an inch long, and of a light purple; segments of the border nearly egg-shaped, sharp-pointed, and rolled back; the mouth a little narrowed.

Chives. Eight hair-like threads, shorter than the blossom; tips beardless, and within the blossom.

Pointal. Seed-bud egg-shaped and furrowed. Shaft thread-shaped, and without the blossom. Summit four-cornered.

Native of the Cape of Good Hope.
Flowers from the month of April till August.

REFERENCE.
1. The Empalement and Blossom.
2. The Empalement magnified.
3. The Chives and Pointal.
4. The Chives detached from the Pointal; one tip magnified.
5. The Shaft and Summit, magnified.
ERICA taxifolia.

**CHARACTER SPECIFICUS.**

**ERICA** antheris muticis, inclusis; floribus spicato-umbellatis, terminalibus; corolla ventricofa, ore arcta, calyce colorato, fere tecta, limbo patente; foliis rigidis, ternis, trigonis, mucronatis, fexfariam imbricatis.

**DESCRIPTIO.**

Caulis fruticosus, erectus, ramoliffimus; rami et ramuli patento-erecti, valde cicatrifati.

Folia terna, trigona, glabra, linearia, rigida, mucronata, sexfariam imbricata; petiolis brevissimis, adpressis.

Flores in spicibus ramulorum umbellati, numerosi, erecti; pedunculi colorati, longitudine corollinarum; bracteae duo supra medium pedunculi, tertia vero ad basim.

Calyx. Perianthium tetraphyllum, foliolis ovatis, mucronatis, concavis, membranaceis, coloratis, longitudine fere corollas.

Corolla ventricosa, ore arctata, canea; laciniae patensibus, mucronatis, semi-ovatis.

Stamina. Filamenta oculo, capillaria, curvata. Antherae muticae, inclusae, flavae.


Habitat ad Caput Bonae Spei.

Floret a mensi Augusti, in Novembrem.

**REFERENCE.**

1. Calyx et Corolla.
2. Calyx, lente auctus.
3. Corolla.
5. Stamina a Pistillo didueta, anthera una lente aucta.
6. Pistillum, auctum.

---

**SPECIFIC CHARACTER.**

Heath with beardless tips, within the blossom; the flowers terminate the branches in umbels, forming a spike; blossom swelled at the base, pinched in at the top, and almost covered by a coloured cup, with the border spreading; leaves grow by threes, harsh, three-sided, sharp-pointed, and tiled in six divisions round the stem.

**DESCRIPTION.**

Stem shrubby, upright, very branching; the larger and smaller branches grow spreading, and upright, and are very much notched.

Leaves grow by threes, three-sided, smooth, linear, harsh, sharp-pointed, and tiled in six divisions; with very short foot-stalks, propped to the branches.

Flowers grow at the ends of the small branches in umbels, numerous and upright; foot-stalks coloured, the length of the blossoms; two floral leaves upon the middle of the foot-stalk, and the third at its base.

Empalement. Cup four-leaved, leaflets egg-shaped, pointed, concave, fleshy, and coloured, nearly the length of the blossom.

Blossom swelled at the base, narrowed at the mouth, and fleshy coloured; segments spreading, pointed, and half egg-shaped.

Chives. Threads eight, hair-like, and curved. Tips beardless, within the blossom, and yellow.

Pointal. Seed-bud roundish, and furrowed. Shaft within the blossom, and thread-shaped. Summit between shield and four-cornered.

Native of the Cape of Good Hope.

Flowers from August till November.

**REFERENCE.**

1. The Empalement, and Blossom.
2. The Empalement, magnified.
3. The Blossom.
4. The Chives, and Pointal.
5. The Chives detached from the Pointal, one tip magnified.
6. The Pointal, magnified.
ERICA tubiflora.

**CHARACTER SPECIFICUS.**

**ERICA**, *antheris muticis, sub-exsertis, floribus sub-folitariis, foliis terminalibus; corollis clavato-cylindricis, curvatis, pubescentibus; foliis quaternis, tenuibus, ciliatis.

**DESCRIPTIO.**

**Caulis** flexibilis, erectus, superne tomentosus; rami sparsi, filiformes, frequentes, villosi; ramuli frequentissimi brevissimi.

**Folia** quaterna, tenuia, obtusa, ciliata, sub-tus sulcata.

**Flores** sessiles, in ramulis terminales, sub-solitarii, patenti, racemum qualem formantes longum.

**Calyx.** Perianthium tetraphyllum, foliolis spatulatis, ciliatis, pedunculis fere nullis, bracteis tribus adpresso.

**Corolla** clavata, curvata, villosa, carnea oris lacinias acutis, reflexis.

**Stamina.** Filamenta ocho capillaria. Antherae muticae, sub-exsertae.

**Pistillum.** Germen pedicillatum, sub-globosem, profunde sulcatum. Stylus filiformis, apice curvatus, exsertus. Stigma obsoletum tetragonum.

Habitat ad Caput Bonae Spei.

Floret a mensi Aprili, in Julium.

**REFERENCE.**

1. *Folium, auftum.*
2. *Calyx.*
3. *Calyx, auftas.*
4. *Corolla.*
5. *Stamina, et Pistillum, anthera unis lente aufta.*
7. *Pistillum, auftum.*

**SPECIFIC CHARACTER.**

**Heath,** with beardless tips, within the blossom; flowers grow mostly singly at the end of the branches; blossoms between club and cylinder-shaped, curved and downy; leaves grow by fours, thin and fringed with hairs.

**DESCRIPTION.**

**Stem** flexible, upright, and downy at the upper part; branches scattered, thread shaped, numerous and hairy, the smaller branches are very numerous and very short.

**Leaves** grow by fours, are thin, blunt, fringed with hair at the edges, and furrowed beneath.

**Flowers** fit close upon the ends of the small branches, mostly solitary, and spreading, appearing like a long bunch.

**Empalement.** Cup four leaves, leaflets spatula-shape and fringed, with scarce any footstalks; three floral leaves pressed to the blossom.

**Blossom** club-shaped, curved, hairy and flesh-coloured; the segments of the border pointed, and reflexed.

**Chives.** Eight hair-like threads. Tips beardless, and just without the blossom.

**Pointal.** Seed-bud growing on a footstalk nearly globular, and deeply furrowed. Shaft thread-shaped, curved at the end, and without the blossom. Summit obscurely four-cornered.

Native of the Cape of Good Hope.

Flowers from April, till July.

**REFERENCE.**

1. *A Leaf, magnified.*
2. *The Empalement.*
5. *The Chives, and Pointal, one tip magnified.*
CHARACTER SPECIFICUS.

ERICA, antheris bafi bicornibus inclusis; corollis oblongo-ovatis, ventricosis, glabris; foliis quaternis ciliatis.

DESCRIPTION.

Caulis fruticosus, semipedalis, teres, crassifolius; ramosifimus, ramis recurvato-adscendentibus.

Folia quaterna, linearia, acuta, basi recurvata, supina plana, subretusa, nitida, petiolis brevissimis adpreffis.

Flores terminales, plures, fastigiati, erecti; pedunculi purpurei, basi instructae bracteis binis, parvis, oppositis.

Calyx. Perianthium tetraphyllum foliolis erectis, carinatis, ciliatis.

Corolla oblongo-ovata, apice arcati, limbo quadrilobo, subreflexo, albo-purpurascens, glabra, nitida.

Stamina. Filamenta ocho capillaria, corollae subaequalis, receptaculo inferta. Antherae inclusae, parvae, bifidae, basi bicornes.


Habitat ad Caput Bonae Spei. Floret a mense Aprili ad Septembrem.

REFERENTIA.

1. Calyx, et Corolla.
2. Calyx, et Bracteae lente auèta.
4. Stamina a Pistillo diduèta; anthera una lente auèta.
5. Stylus, et Stigma, lente auèta.

SPECIFIC CHARACTER.

HEATH, with tips two-horned at their base, included within blossoms of an oblong-ovate form, inflated and smooth; leaves ciliate, growing by fours.

DESCRIPTION.

The STEM shrubby, about half a foot high, cylindrical, thickish, very much branched, the branches bend downward, then ascend.

LEAVES growing by fours, linear, pointed with a recurved base, and an ascending point, ciliate, flat on their upper, and rolled back on their under, surface, shining, the leaf-stems very short, and preffed to the branches.

FLOWERS terminal, numerous, upright, level, and in bunches; the footstalks purple, having two small opposite floral leaves at their base.

EMPALEMENT. Cup four-leaved, erect, keel-shaped, and ciliate.

BLOSSOM of an oblong-ovate form, narrowed toward the top, with a slightly reflexed border, of a whitish purple, smooth, and shining.

CHIVES. Eight hair-like threads, nearly of a length with the blossom, fixed into the receptacle. Tips within the blossom small, cleft, and two-horned at their base.

POINTAL. Seed-vešel oblong and furrowed. Shaft thread-shaped, of an equal length with the threads. Summit nearly four-cornered.

Native of the Cape of Good Hope.

In bloom from April till September.

REFERENCE.

1. The Empalement with the Blossom.
2. The Empalement and Floral-leaf magnified.
3. The Chives and Pointal.
4. The Chives detached from the Pointal, one tip magnified.
5. The Shaft, and its Summit magnified.
ERICA verticillata.

**CHARACTER SPECIFICUS.**
ERICA, antheris ariflatis, inclusis; corollis pollicaris, cernuis, ventricoso-cylindracis, saturete rubris, pedunculis longifìnnis; foliis quaternis.

**DESCRIPTION.**
Caulis erectus, bipedalis, bafi simplicissimus, rami verticillati, subduplices, erecto-patentes.

Folia quaterna, glabra, lineari, acuta, subtus fulcata, recta.

Flores in apicibus ramorum verticillati, nuntantes, conserti; pedunculi longissimi, bafi tribus ad basin instructi.

Calyx. Perianthium tetraphyllum, foliolis lato-ovatis, acuminatis, apice dilute rubris, bafi viridis.

Corolla ventricoso-cylindrica, pollicaris, ad basin-tetragona, profunde coliata; ore arctata, tenuefime laciniata; saturete rubenta.

Stamina. Filamenta oculo capillaria antherae arisatae, inclusæ.


Habitat ad Caput Bonæ Spei.
Floret a mense Julii, in Novembrem.

**REFERENCE.**
1. Calyx, et Corolla.
2. Calyx, lente auctus.
4. Stamina a Pistillo diduæta, anthera una lente aucta.
5. Stylus, et Stigma, lente aucta.

**SPECIFIC CHARACTER.**
Heath, with bearded tips, within the blossoms, which are an inch long, hanging downward, of the shape of an inflated cylinder, deep red, and very long foot-flalks; leaves growing by fours.

**DESCRIPTION.**
Stem upright, grows two feet high, simple at the bottom, the branches growing in whorls, nearly simple, upright, and spreading.

Leaves grow by fours, smooth, linear, sharp-pointed, flored on the under part, and growing straight out from the stem.

Flowers grow in whorls, at the upper part of the branches, hanging downward, and close together, with long foot-flalks, that have three floral leaves just at their base.

Empalement. Cup four-leaved, which are of a broad-oval shape, sharp-pointed, the upper part of a light red, the bottom of a green colour.

Blossom is of a swelled-cylindrical shape, an inch long, four-cornered at the base, and deeply ribbed; the mouth is narrowed, and very slightly cut; of a deep red colour.

Chives. Eight hair-like threads; the tips are bearded, and within the bloom.

Pointal. Seed-veil round, and flored. Shaft thread-shaped, the length of the bloom. Summit four-cornered.

Native of the Cape of Good Hope.
Flowers from July, till November.

**REFERENCE.**
1. The Empalement, and Blossom.
2. The Empalement, magnified.
3. The Chives, and Pointal.
4. The Chives detached from the Pointal; one tip magnified.
5. The Shaft, and its Summit, magnified.
ERICA verficolor.

CHARACTER SPECIFICUS.

ERICA, antheris muticis, subinclufis; stylo ex- ferto; corollis subcylindraceis, cofatis, variè co- loratis; foliis ternis.

DESCRIPTIO.

CAULIS fruticosus, bipedalis, erectus, attenua- tus in apicem; ramis simplicibus.

FOLIA terna, linearia, fulbata, supra plana, substus fulcata, glabra, faturate viridia; petiolis brevissimis, adpreflis.

FLORES plurves, subernui, tres quatuorve ra- muli terminantes prope caulis summam; pedunculi brevissimi.

CALYX. Perianthium duplex, interius tetra- phyllum, foliolis aurantiasi, apice fulcatis, adpreflis; exterius triphyllum, priori brevior, apice virefcens.

COROLLA subcylindracea, medio paulula arc- tata, cofata, ina parte aurantia, apice virefcens; laciniis reflexis.

STAMINA. Filamenta oőto, ima parte spatula- lutata, summa linearia, receptaculo inferta. An- thereae muticas, subinclufas.


Habitat ad Caput Bonae Spei.

Floret a mense Oktobris, in Aprilem.

REFERENTIA.

1. Calyx, et Corolla.
2. Calyx lente auctus.
4. Stamina a Pifillo didučta; et flamen unum lente auctum.
5. Stylus, et Stigma, lente aucta.

SPECIFIC CHARACTER.

HEATH with beardless tips, just within the blo- som, the pointal without; the blossoms are nearly cylindrical, ribbed, and variously coloured; leaves grow by threes.

DESCRIPTION.

STEM shrubby, grows two feet high, erect, ta¬ pering to the top; the branches are nearly simple.

LEAVES grow by threes, linear, awl-shaped, flat on the upper, and furrowed on the under surface, smooth, and of a deep green; with very short foot-stalks preflsd to the branches.

The FLOWERS are numerous, bending a little downward, terminating the small branches by threes or fours, near the top of the stem; the foot-stalks being very short.

EMPALMENT. The Cup is double, the inner is four-leaved, which are orange-coloured, fur¬ rowed at the point, and preflsd to the blossom; the outer is three-leaved, shorter than the inner, and greenish at the point.

The BLOSSOM is nearly cylindrical, a little nar¬ rowed at the middle, ribbed, the lower part orange colour, the mouth greenish, whose segments are reflexed.

CHIVES. Eight threads, whose lower parts are spatula-shaped, and upper linear, fixed into the receptacle. Tips beardless, and almost within the blossom.

POINTAL. Seed-veflal globe-shaped, and fur¬ rowed. Shaft thread-shaped, and without the blossom. Summit four-cornered and greenish.

Native of the Cape of Good Hope.

Flowers from October, till April.

REFERENCE.

1. The Empalment, and Blossom.
2. The Empalment magnified.
3. The Chives and Pointal.
4. The Chives detached from the Pointal; one tip with its thread, magnified.
5. The Shaft, and its Summit, magnified.
ERICA vestita alba.

**CHARACTER SPECIFICUS.**

**ERICA,** antheris muticis, sub-inclusis; folia sena, tremulenta, linearia, conferta, attenuata in petiolos capillares; floribus clavatis, albidis.

**DESCRIPTIO.**

**CAULIS** tripedalis, laxus, erectus, basi simplicissimus, ramis simplicibus ascendentibus.

**FOLIA** sena, conferta, glabra, linearia, tremulenta, subtus sulcata, attenuata in petiolos capillares semilunguiculares.

**FLORES** in ramulis verticillati, erecto-patentes; pedunculis brevibus bracteis tribus instructis.

**CALYX.** Perianthium tetraphyllum, foliolis subulatis, adpressis, glabris, viscosis.

**COROLLA** clavata, pollicaris, alba, pubescens; oris laciniis patentibus.

**STAMINA.** Filamenta octo capillaria; antherae muticas, subinclusas.

**PISTILLUM.** Germen turbinatum, summum pilis longis coronatum. Stylus filiformis, exsertus. Stigma tetragonum.

Habitat ad Caput Bone Spei.

Floret a mense Julii in Decembrem.

**REFERENCE.**

1. Calyx et Corolla.
2. Calyx lente auctus.
4. Stamina a Pistillo diducta; anthera una lente aucta.
5. Stylus et Stigma lente aucti.

**SPECIFIC CHARACTER.**

**HEATH,** with beardless tips, just within the blossoms; leaves grow by sixes, are tremulous, linear, and crowded together, tapering into hair-like foot-stalks; the flowers are club-shaped, and white.

**DESCRIPTION.**

**STEM** grows three feet high, loose and upright, simple at the base, with simple ascending branches.

**LEAVES** grow by sixes, crowded together, smooth, linear, tremulous, furrowed underneath, and tapering into hair-like foot-stalks a quarter of an inch in length.

**FLOWERS** grow in whorls upon the smaller branches, upright, and spreading; with short foot-stalks having three floral leaves.

**EMPALMENT.** Cup four-leaved, which are awl-shaped, pressed to the blossom, smooth, and clammy.

**BLOSSOM** club-shaped, an inch long, white and downy, the segments of the mouth are spread outward.

**CHIVES.** Eight hair-like threads, tips beardless, and just within the blossom.

**POINTAL.** Seed-vessel turban-shaped, the top being crowned with long hairs. Shaft thread-shaped, and without the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from July till December.

**REFERENCE.**

1. The Empalement and Blossom.
2. The Empalement magnified.
3. The Chives and Pointal.
4. The Chives detached from the Pointal; one tip magnified.
5. The Shaft and its Summit magnified.
ERICA vestita purpurea.

CHARACTER SPECIFICUS.
ERICA, antheris muticis, subexsertis; foliis linearibus, tremulentis, attenuata in petiolorum capillaris, fimiangularibus; floribus axillaribus, clavatis, purpureis.

DESCRIPTIO.
CAULIS fruticosus, bipedalis, erectus, simplicissimus, dein verticillatim ramosus, ramis simplicibus, adscendentibus.

FOLIA fusa, linearia, tremulans, acuta, glabra, subius leviter lutea, attenuata in petiolorum capillaris, fimiangularibus.

FLORES in ramulis mediis verticillati, rechi; pedunculis brevibus, bracteis tribus infertis.

Calyx. Perianthium tetraphyllum, foliosis lanciolatis, basi ferratis, viridis, glabris.

Corolla clavata, pollicaria, obtusa, rechi, purpurea, ore arcuato, limbo quadrifido, reflexo.

Stamina. Filamenta octo, capillaria, receptaculo inferta. Antherae muticae, subexsertae.


Habitat ad Caput Bonae Spei.

Floret a medio Julio in Januarium.

REFERENCE.
1. Folium unum cum petiolo.
2. Calyx et Corolla.
3. Calyx lente auectus.
4. Stamina et Pistillum.
5. Stamina a Pistillo diducta; anthera una lente auecta.

SPECIFIC CHARACTER.
HEATH, with beadless tips, almost without the blossom; leaves grow by fix, linear, tremulous, and tapering into hair-like foot-stalks a quarter of an inch long; the flowers grow from the base of the leaves, are club-shaped, and purple.

DESCRIPTION.
STEM thorny, grows two feet high, and upright, simple at the base, then branching out from a whorl into simple ascending branches.

LEAVES grow by fix, are linear, tremulous, sharp-pointed, smooth, lightly furrowed on the under part, and tapering into hair-like leaf-stems a quarter of an inch in length.

FLOWERS are in whorls about the middle of the branches, straight out, having short foot-stalks with three floral leaves.

EMPALEMENT. Cup four-leaved, which are lance-shaped, sawed at the base, green, and smooth.

BLOSSOM club-shaped, an inch long, blunt, straight, and purple, compressed at the mouth, with a four-lobed, reflexed border.

CHIVES. Eight hair-like threads fixed into the receptacle. Tips beadless, and nearly of a length with the blossom.

POINTAL. Seed-veil turban-shaped, the top crowned by eight plumes of long hairs. Shaft thread-shaped, and without the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from July till January.

REFERENCE.
1. A leaf with its foot-stalk.
2. The Empalement and Blossom.
3. The Empalement magnified.
4. The Chives and Pointal.
5. The Chives detached from the Pointal; one tip magnified.
6. The Shaft and its Summit magnified.
ERICA vestita coccinea.

CHARACTER SPECIFICUS.
ERICA, antheris muticis, sub-exsertis; foliis setis, tremulis, linearibus, attenuatis in petiolos capillares; corollis clavatis, pollicaris, coccineis.

DESCRIPTIO.
CAULIS erectus, sesquipedalis, parum ramosus, ramulis simplicibus, foliis tectis.
FOLIA sena, linearia, tremula, glabra, subtus sulcata, attenuata in petiolos capillares semiunguisculares.
FLORES in ramulis mediis conferti, numerosi, erecto-patentes, pedunculis brevibus, bracteis tribus linearibus adpressis.
CALYX. Perianthium tetraphyllum, foliolis subulate adpressis glabris.
COROLLA clavata, pollicaris, coccinea, oris laciniiis revolutis.
STAMINA. Filamenta octo capillaria, receptaculo inserta; antheris muticis, sub-exsertis.
Habitat ad Caput Bonce Spaci.
Floret a mense Augusto in Novembrem.

REFERENCE.
1. Calyx et Corolla.
2. Calyx lente auctus.
4. Stamina a Pistillo diducta; anthera una lente aucta.
5. Stylus et Stigma lente aucti.

SPECIFIC CHARACTER.
HEATH, with beardless tips just without the blossom; the leaves grow by sixes, are tremulous, linear, and taper into hair-like foot-stalks; the blossoms are club-shaped, an inch long, and deep scarlet.

DESCRIPTION.
STEM upright, grows a foot and a half high, branching but little; the smaller branches are simple, and covered with leaves.
LEAVES grow by sixes, are linear, tremulous, smooth, furrowed underneath, and tapering into hair-like foot-stalks half an inch long.
FLOWERS are clustered together about the middle of the branches, are numerous, spreading upwards, having short foot-stalks, with three linear floral leaves pressed to the cup.
EMPALEMENT. Cup four-leaved, which are awl-shaped, pressed to the blossom, and smooth.
Blossom club-shaped, an inch long, and of a deep scarlet colour; the segments of the mouth are rolled back.
CHIVES. Eight hair-like threads, fixed into the receptacle; tips beardless, and just without the blossom.
Native of the Cape of Good Hope.
Flowers from August till November.

REFERENCE.
1. The Empalement and Blossom.
2. The Empalement magnified.
3. The Chives and Pointal.
4. The Chives detached from the Pointal; one tip magnified.
5. The Shaft and its Summit magnified.
ERICA viscaria.

CHARACTER SPECIFICUS.

ERICA, antheris muticis, inclusis; corollis campanulatis, viscosis; floribus axillaris, spicatis; calycibus foliaceis, duplicatis; foliis quaternis, linearibus, glabris.

DESCRIPTIO.

CAULIS fruticosus, bipedalis, erectus; rami et ramuli simplices, longi, laxi, superne viscosi.

FOLIA quaterna, linearia, acuta, glabra, juniora in apicibus ramulis viscosi; petiolis adpressis.

Flores spicati in medio ramulorum, patentes, axillares; pedunculi brevissimi.

Calyx. Perianthium duplex; foliolis rudibus, viscosis, adpressis, marginibus glandulis.

Corolla campanulata, valde mucosa, purpurea: semiquadrifida; laciniis reflexis.

Stamina. Filamenta octo linearia. Antherae muticae, inclusae.


Habitat ad Caput Bonae Spei.

Floret a mensi Aprili, in Julium.

REFERENTIA.

1. Calyx, et Corolla.
2. Calyx, aestus.
3. Corolla.
5. Stamina a Pistillo deducta.
7. Stylus, et Stigma, lente aesta.

SPECIFIC CHARACTER.

HEATH, with beardless tips, within the blossoms, which are bell-shaped, and clammy; the flowers grow from the foot-stalks of the leaves close to the branches forming close spikes; the cups are like the leaves of the plant, and are double; the leaves grow by fours, are linear and smooth.

DESCRIPTION.

STEM shrubby, grows two feet high, and upright; the larger and smaller branches are simple, long, loose and clammy at the ends.

LEAVES grow by fours, are linear, pointed, and smooth, the younger ones are clammy at the ends of the branches; foot-stalks pressed to the stem.

FLOWERS grow in spikes about the middle of the branches, spreading out, and growing from the foot-stalks of the leaves; the foot-stalks very short.

EMPALEMENT. Cup double; the leaves unequal, clammy and pressed to the blossom, with small glands on their margins.

BLOSSOM bell-shaped, very clammy, purple, half way cleft into four, the segments bent back.

CHIVES. Eight linear threads. Tips beardless and within the blossom.

POINTAL. Seed-bud globular. Shaft within the blossom and thread-shaped. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from April, till July.

REFERENCE.

1. The Empalement and Blossom.
2. The Empalement, magnified.
3. The Blossom.
4. The Chives, and Pointal.
5. The Chives detached from the Pointal.
7. The Shaft and Summit, magnified.
ERICA Walkeria.

CHARACTER SPECIFICUS.

ERICA, antheris muticis, sub-inclusis, foliis quaternis, lineariis, glabris; floribus sessilibus, erectis, quaternis, terminalibus; calycis foliola margine membranaceae, serrato-laceris.

DESCRIPTION.

CAULIS fruticosus, spitliam®us, erectus, ramosus; ramuli frequentissimi, suberecti.

FOLIA quaterna, linearia, glabra, crassiuscula, nitida, patentia; petiolis brevissimis.

Flores sessiles, erecti, fastigiati, quaterni, terminales; fere pedunculati.

CALYX. Perianthium duplex, exterius triphyllum, foliolis subulatis, marginibus membranaceis, serrato-laceris; interius tetraphyllum, foliis longioribus, apicibus carneis, adpressis.

Corolla ventricosa, pellucida, ore arctata, extus pallide sanguinea, intus alba; laciniis subcordatis, expansis, maximis.

Stamina. Filamenta octo capillaria; antherae muticae, inclusae.


Habitat ad Caput Bon® Spei.

Floret a mensi Februarii in Junium.

REFERENTIA.

1. Calyx lente auctus.
2. Corolla.
4. Stamen unum lente auctum.
5. Pistillum lente auctum.

REFERENCE.

1. The Empalement magnified.
2. The Blossom.
3. The Chives and Pointal.
4. The Chive magnified.
5. The Pointal magnified.
ALPHABETICAL INDEX

TO THE

FIGURES IN VOL. I.

1. Erica Aitonia.
2. albens.
3. ampullacea.
4. baccaus.
5. Biaulina.
6. bruniades.
7. caffra.
8. calycina.
9. campasulata.
10. capiata.
11. cerinusoides.
12. certum.
13. coccinea.
14. compicius.
15. cornuta.
16. costata.
17. crocina.
18. cubica.
19. curviflora.
20. discolor.
21. droseroides.
22. exsurgens.
23. flexuosa.
24. glauca.
25. glutinosas.
26. grandiflora.
27. imbricata.
28. incamata.
29. jasminiflora.
30. lateralis.
31. Lea.
32. lepira.
33. mammosa.
34. maritima.
35. margaritacea.
36. Massonia.
37. Erica melastoma.
38. monadelphus.
39. mucrona.
40. Muscaria.
41. nigritta.
42. obliqua.
43. Patersonia.
44. Petiveriana.
45. physisodes.
46. pinnae.
47. Philemenia nana.
48. pohonemus.
49. polchella.
50. purpurea.
51. pyramidalis.
52. radiata.
53. ramentacea.
54. retorta.
55. Sebana auranti.
56. setacea.
57. y viridis.
58. serratifolia.
59. setosa.
60. sordida.
61. spicata.
62. spuria.
63. taxifolia.
64. tubiflora.
65. ventricosa.
66. verticillata.
67. versicolor.
68. vestita aest.
69. y purpurea.
70. y coccine.
71. viscria.
72. Walkeria.
SYSTEMATICAL ARRANGEMENT

OF THE

LXXII ERICAS, OR HEATHS, CONTAINED IN

VOL. I.

Taken from the shape of the tips, and the number of leaves which surround the stem in one whorle.
### GENERAL LIST OF HEATHS

**CULTIVATED BY**

Mears, Leo and Kennedy, Hammersmith, in 1892.

<table>
<thead>
<tr>
<th>Erica</th>
<th>s</th>
<th>b</th>
<th>p</th>
<th>s</th>
<th>b</th>
<th>p</th>
<th>s</th>
<th>b</th>
<th>p</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. abietina</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>22. aquatica</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>39. australis</td>
<td>g</td>
</tr>
<tr>
<td>2. Alchemilla</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>23. auriculata</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>40. austriaca</td>
<td>g</td>
</tr>
<tr>
<td>3. alpina</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>24. aurinia</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>41. austroalpina</td>
<td>g</td>
</tr>
<tr>
<td>4. amarella</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>25. astrophytum</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>42. austroaluca</td>
<td>g</td>
</tr>
<tr>
<td>5. arbutifolia</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>26. austrototula</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>43. austrolitigata</td>
<td>g</td>
</tr>
<tr>
<td>6. arctostaphylos</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>27. autographica</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>44. austroschiefiana</td>
<td>g</td>
</tr>
<tr>
<td>7. Avenula</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>28. autolytica</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>45. austrotuberculata</td>
<td>g</td>
</tr>
<tr>
<td>8. Atraphaxis</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>29. azorellae</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>46. avula</td>
<td>g</td>
</tr>
<tr>
<td>9. atricaulis</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>30. azurophila</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>47. azuroplastica</td>
<td>g</td>
</tr>
<tr>
<td>10. atrichopus</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>31. bacillifera</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>48. azurosporica</td>
<td>g</td>
</tr>
<tr>
<td>11. baccata</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>32. baccharis</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>49. azurosporopla</td>
<td>g</td>
</tr>
<tr>
<td>12. Banksia</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>33. baldensis</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>50. azurosporoplo</td>
<td>g</td>
</tr>
<tr>
<td>13. beetle</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>34. baldricus</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>51. azurosporo</td>
<td>g</td>
</tr>
<tr>
<td>14. bellidi</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>35. balantium</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>52. azurosporo</td>
<td>g</td>
</tr>
<tr>
<td>15. benedicta</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>36. balteata</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>53. azurosporo</td>
<td>g</td>
</tr>
<tr>
<td>16. Bessera</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>37. balsamifera</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>54. azurosporo</td>
<td>g</td>
</tr>
<tr>
<td>17. Beesia</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>38. balsamites</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>55. azurosporo</td>
<td>g</td>
</tr>
<tr>
<td>18. Beesia</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>39. balsamitica</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>56. azurosporo</td>
<td>g</td>
</tr>
<tr>
<td>19. Beesia</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>40. balsamitica</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>57. azurosporo</td>
<td>g</td>
</tr>
<tr>
<td>20. Beesia</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>41. balsamitica</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>58. azurosporo</td>
<td>g</td>
</tr>
<tr>
<td>21. Beesia</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>42. balsamitica</td>
<td>g</td>
<td>r</td>
<td>p</td>
<td>59. azurosporo</td>
<td>g</td>
</tr>
</tbody>
</table>

**Explanation of the Letters in the three Columns marked 1, 2, 3.**

Col. 1 indicates their proper situation in winter, given for the vicinity of the Metropolis: d, dry-wool; cr, green-house; m, half-hardy; and h, hardy. Col. 2 at the height of the bloom; by l, is designed long; r, running or branching; s, short; b, and p, long or short, and bellied. Col. 3 shews by the letters i, p, and s, whether warm, pest, or seed, or what mixture of them, is the soil most proper for the propagation of each.