

FURTHER NEW NAMES AND COMBINATIONS IN
SCROPHULARIACEAE–MANULEAE

O. M. HILLIARD

Lyperia canariensis and *Urbania lyperiiflora* are transferred to *Camptoloma* Benth; *Manulea antirrhinoides* is transferred to *Lyperia* Benth., and one species of *Lyperia* is newly described; fifteen species and one subspecies of *Sutera* are newly described, and one new combination is made.

***Camptoloma canariense* (Webb & Berth.) Hilliard, comb. nov.**

Type: Gran Canaria, near Las Palmas, Bandama Crater, *Webb* 1848 (K).

Syn.: *Lyperia canariensis* Webb & Berth., *Hist. Nat. Isl. Canar.* 3: 146 (1845), tab. 184 (no date given).

Sutera canariensis (Webb & Berth.) Sunding & Kunkel in *Cuad. Bot. Canar.* 14–15: 50 (1972).

***Camptoloma lyperiiflorum* (Vatke) Hilliard, comb. nov.**

Type: Somaliland, Ahl Mountains, 3300ft, March 1873, *Hildebrandt* 863 (holo. B†, iso. W).

Syn.: *Urbania lyperiiflora* Vatke in *Oest. Bot. Zeitschr.* 25: 10 (1875).

Camptoloma villosa Balf. f. in *Proc. Roy. Soc. Edinb.* 12:84 (1883).

Type: Socotra, ii–iii 1880, *Balfour* 237 (holo. K, iso. E).

Chaenostoma lyperiiflorum (Vatke) Wettst. in *Engl. & Prantl, Pflanzenfam.* 4(3b): 69 (1891).

Camptoloma oxypetalum Wagner & Vierh. in *Oest. Bot. Zeitschr.* 56: 258 (1906). Type: Socotra, Kustengebiet von Akarhi, 30–31 Jänner 1899, *Paulay* s.n. (n.v.).

***Lyperia antirrhinoides* (L.f.) Hilliard, comb. nov.**

Lectotype (chosen here): Cape of Good Hope, without precise locality, *Thunberg* (sheet no. 14339 in herb. Thunb., UPS).

Syn.: *Manulea antirrhinoides* L.f., *Suppl.* 286 (1782).

Sutera antirrhinoides (L.f.) Hiern in *Fl. Cap.* 4(2): 274 (1904) as to type only.

S. ochracea Hiern in *Fl. Cap.* 4(2): 282 (1904). Type: Cape, Little Namaqualand, near Garies, Spektakel Mt, *Bolus* in *herb. norm. austr. Afr.* 664 (holo. K; iso. BM, BOL, SAM, W).

***Lyperia formosa* Hilliard, species nova a *L. tenuiflora* Benth.** foliis plerumque latioribus (longitudine: latitudine c.2–3:1, nec 4–5:1), pedicellis infimis 18–23mm longis (nec 4–11mm), ovario et capsula glandulis magnis sessilibus et pilis glandulosis c.0.3–0.6mm longis omnino dense indutis (nec glandulis sessilibus ad suturas fere restrictis, pilis glandulosis sparsis 0.2–0.25mm longis) differt.

Type: Cape, 3319 DB, southern foothills of Voetpadsberg, farm Doringkloof, 1500 ft, 23 viii 1985, *Morley* 240 (holo. STE, iso. PRE).

Known only from the type collection.

Sutera calciphila Hilliard, **species nova** a *S. campanulata* (Benth.) O. Kuntze caulibus omnino breviter glanduloso-pubescentibus, pilis ad 0.2mm longis (nec pilis plerumque acutis eglandulosis, praecipue in caulis parte inferiore, usque ad 0.3–0.7mm longis) differt. A *S. polyantha* (Benth.) O. Kuntze habitu perenni, foliis plus minusve oblanceolatis (nec ellipticis), bracteis infimis c.2–10 x 1–2mm (nec floribus infimis in axillis foliorum c.5–15 x 2.5–7mm) distinguenda. Etiam a *S. aethiopica* (L.) O. Kuntze corollae tubo brevioris latioreque (4.7–8.5 x 3.5–5mm in fauce, nec 10–19.5 x 3mm), omnibus staminibus exsertis (nec posticis inclusis anticis breviter exsertis), filamentis anticis 2.3–4mm longis (nec 1.7–2.5mm) distinguenda.

Type: Cape, Caledon div. (?), near Struy's Bay, x 1940, *Esterhuysen* 5119 (holo. BOL).

Known only from limestone areas in Bredasdorp and Riversdale divisions.

Sutera cinerea Hilliard, **species nova** *S. marifoliae* (Benth.) O. Kuntze affinis sed foliis linearibus vel anguste ellipticis (foliis maximis c.15–20 x 2–3mm, nec 5–22 x 2.5–13mm), corollae tubo brevioris et latiore (5–5.5 x 3.2–3.7mm, nec 9–13 x 2–3mm), staminibus omnibus exsertis (nec duobus posticis fauce inclusis, anticis exsertis), filamentis anticis c.2.2–3.7mm longis (nec 1.4–2.2mm) distinguenda.

Type: Cape, Willowmore div., 3324 CB, Klein Rivier, along Enkeldoorn track, 28 ix 1980, *Snijman* 341 (holo. NBG).

Known only from this locality.

Sutera comptonii Hilliard, **species nova** a *S. revoluta* (Thunb.) O. Kuntze pilis in caule foliis calyce ad 0.4–1.2mm longis (nec c.0.1mm) et pedicellis saepe longioribus (usque ad 14mm, nec 9mm) distinguitur; a *S. violacea* (Schlechter) Hiern pilis in caule foliis calyce saepe longioribus (0.4–1.2mm, nec 0.1–0.4mm longis), foliis brevioribus (5–18mm, nec 20–40mm), bracteis aut minimis (1–2mm longis) vel absentibus (nec 1–7mm longis), filamentis glabris (nec puberulis) differt.

Type: Cape, Laingsburg div., Witteberg (Whitehill section), 5000 ft, 7 xi 1948, *Compton* 21097 (holo. NBG).

Possibly endemic to quartzite rocks from Karroo Poort to the Witteberg.

Sutera decipiens Hilliard, **species nova** a *S. hispida* (Thunb.) Druce caulibus longitudinaliter basibus foliorum decurrentibus costatis (nec teretibus basibus foliorum connatis haud decurrentibus) pubescentia molli glandulosa (nec pilis saepissime acutis et plus minusve hispidis), foliis saepe latitudine multo longioribus (plerumque ratione 2.5–4: 1, nec plerumque 1–2: 1), floribus saepe sursum alternatis (nec fere semper oppositis), calycis tubo 0.5–0.8mm longis (nec plerumque 1–2mm).

Type: Cape, Clanwilliam div., 3219 AA, N Cedarberg, Pakhuis, 3000ft, 7 ix 1953, *Esterhuysen* 21745 (holo. BOL, iso. PRE).

Mainly on the mountains from about Van Rhynsdorp to the Klein Swartberg.

Sutera glandulifera Hilliard, **species nova** a *S. cordata* (Thunb.) O. Kuntze foliorum parte petiolarum c. $\frac{1}{4}$ – $\frac{1}{5}$ longitudinis laminae (nec dimidium longitudinis aequante), calycis tubo plerumque brevior (0.5–1mm longo, nec (1–)1.5–2.25mm), ovario et capsula omnino glandulis nitentibus praeditis (nec tantum in suturis), tota planta quam *S. cordata* glandulosiore differt. A *S. impedita* Hilliard calyce semper 5-lobo (nec 5–7-lobo), pilis caulium foliorum calycis ad 0.8–2mm longis (nec 0.4–1mm) distinguenda.

Type: Cape, Stockenstrom div., 3226 DA, Katberg Pass, c.5800ft, 26 i 1979, *Hilliard & Burt* 12390 (holo. E, iso. K).

On the mountains of the eastern Cape and Transkei, from the Stormberg to the Amatole Mountains and the mountains around Queenstown and Stutterheim.

Sutera impedita Hilliard, **species nova** a *S. cordata* (Thunb.) O. Kuntze foliis parte petiolarum c. $\frac{1}{3}$ – $\frac{1}{4}$ longitudinis (nec dimidium longitudinis aequante), calycis tubo c. 0.7mm longo (nec (1–)1.5–2.25mm), calycis lobis 5–7 (nec semper 5), corollae limbo malvino (nec albo), ovario glandulis nitentibus tecto (nec glandulis paucis in suturis tantum) differt. A *S. racemosa* (Benth.) O. Kuntze floribus semper in axillis foliorum (nec in racemis bracteatis), corollae tubo in fauce latiore (c. 4–4.2mm, nec 3mm) et intus bene barbato (nec glabro), seminibus pallide brunnea (nec pallide albis) distinguenda.

Type: Cape, Komgha div., margins of woods near Komgha, 2000ft, viii 1891, *Flanagan* 892 (holo. SAM; iso. BOL, K, PRE).

Recorded from the environs of Komgha, Amabele and Kentani.

Sutera langebergensis Hilliard, **species nova** a *S. decipiente* Hilliard pilis longis (c. 0.5–1.8mm) glandulosis in caulibus foliisque absentibus, calyce pilis crassis fere hispidis 0.2–0.5mm longis (nec pilis gracilibus 0.4–1mm longis) distinguenda; a *S. uncinata* (Desrouss.) Hilliard caulibus in parte inferiore lineis duobus pilorum notatis (nec circumcirca glanduloso-puberulis), foliis paribus 1–3 dentium grossorum (nec integris nec dentibus paucis parvis), calyce glanduloso-puberulo et pilis crassis 0.2–0.5mm longis (nec pilis brevibus tenuibus glandulosis ad margines loborum fere restrictis) distinguitur.

Type: Cape, Swellendam div., 3320 DC, Tradouw Pass, 6 viii 1950, *Martin* 402 (holo. NBG, iso. STE).

Sutera longipedicellata Hilliard, **species nova** a *S. uncinata* (Desrouss.) Hilliard pedicellis plerumque longioribus (infimis c. 11–21mm, nec 2–11(–15)mm longis), calycis lobis plerumque brevioribus (0.8–1mm, nec 1–2mm) et filamentis anticis longioribus (3.2–4mm, nec 1.8–3mm) differt.

Type: Cape, Calvinia div., Nieuwoudtville, ix 1930, *Lavis* sub BOL 20679 (holo. BOL).

Known only from the small area, Nieuwoudtville to Van Rhyndorp's Pass.

Sutera multiramosa Hilliard, **species nova** a *S. uncinata* (Derouss.) Hilliard floribus in axillis foliorum superiorum basi inflorescentiae c.6–18 x 1.5–4mm longorum (in *S. uncinata* plerumque in axillis bractearum infimarum c.3–12 x 0.8–2mm), pedicellis saepe longioribus (7–20mm, nec plerumque 5–10mm), calycis tubo 0.6–0.8mm longo (nec (1–)1.5–2mm), tubo et lobis molliter glanduloso-pubescentibus pilis ad 0.15–0.3mm (in *S. uncinata* pilis grossis scabridis plerumque 0.3–0.6mm longis in calyce glanduloso-puberulo dispersis), ovariis brevioribus 1.2–1.3mm longis (nec 1.4–1.8mm) et capsulis brevioribus differt. A *S. decipiente* Hilliard pubescentia caulium et foliorum multo brevior (pilis ad c.0.25mm longis, nec 0.5–1.8mm) et foliis integris vel subintegris (nec grosse dentatis) distinguitur.

Type: Cape, Vredendal div., 3118 CD, north of Lambert's Bay, road to Vredendal, Witwatersbult, 31 v 1976, *van Jaarsveld* 1289 (holo. NBG)

Known from three collections made in the coastal area from the Olifants River to Lambert's Bay.

Sutera paniculata Hilliard, **species nova** a *S. revoluta* (Thunb.) O. Kuntze indumento longiore pilis in caulibus ad 0.25–1mm (nec 0.1mm) in calyce 0.25–4mm (nec 0.1mm), foliis plerumque longioribus (foliis primariis maximis 20–40mm longis, nec 3.5–25mm) differt. A *S. violacea* (Schlechter) Hiern floribus paniculatis (nec racemosis), bracteis rarissimis et si adsentibus minutis (nec bracteis 1–7mm longis), calycis tubo 0.7–1mm longo (nec 1–2mm), calycis lobis posticis 1.8–2.6mm longis (nec 3.2–5mm), corollae tubo 6.5–9.5mm longo (nec 11–15mm) distinguenda.

Type: Cape, Clanwilliam div., 3219 AC, Brakfontein, 800ft, 1 viii 1896, *Schlechter* 7975 (holo. E; iso. BOL, K, W, Z).

Recorded on the mountains from Namaqualand south to Vanrhynsdorp, Calvinia and Clanwilliam divisions.

Sutera placida Hilliard, **species nova** a *S. calciphila* Hilliard caulibus anguste alatis pilis ad sulcos restrictis (nec circumcirca glanduloso-puberulis, inflorescentiae axibus exceptis), foliis maximis c.7–15 x 1–2mm (nec c.10–20 x 3–8mm) ad basin haud angustatis, glabris (nec pubescentibus) differt. A *S. uncinata* (Derouss.) Hilliard foliis ad basin haud angustatis (nec basin versus angustatis deinde abrupte expansis), calycis tubo 0.7–1mm longo (nec 1.5–2mm), corollae tubo et brevior et latiore (6–8 x 5–6mm, nec 9.5–19 x 2.5–4mm) filamentis anticis 3–4.2mm longis (nec 1.8–3mm) distinguenda. Type: Cape, Riversdale div., 3421 AD, Still Bay Hills, 4 viii 1951, *Johnson* 116 (holo. NBG; iso. STE).

Known only from the environs of Still Bay.

Sutera polelensis Hiern subsp. **fraterna** Hilliard, **subspecies nova** foliis plerumque latitudine longioribus (nec tam longis quam latis, nec longitudine latioribus) et glandulis nitentibus in foliis calyce corolla oblongis, nec rotundatis distinguitur.

Type: Swaziland, between Mbabane and Forbes Reef, c.5000ft, xii 1905, *Bolus* 12183 (holo. BOL, iso. K).

Confined to the SE Transvaal and neighbouring Swaziland.

Sutera septentrionalis Hilliard, **species nova** a *S. debili* Hutch. foliis minus profunde dentatis (margine superiore dentium maxime 2mm longa, nec 3–5mm), floribus in speciminibus robustis paniculatis (nec simpliciter racemosis), corollae tubo intus tenuiter barbato (nec glabro) differt. A *S. floribunda* (Benth.) O. Kuntze foliis in caule sursum alternatis (nec semper, ramulis inflorescentiae ultimis exceptis, oppositis), floribus semper in axillis foliorum singulis (nec plerumque binis, vel in cymis trifloris vel aliter aggregatis) distinguenda.

Type: Zimbabwe, Marandellas [Marondera] distr., ± 12 miles S of Marandellas [Marondera] on Wedza road, 22 v 1968, *Mavi* 761 (holo. K).

Known from a few sites in NE Zimbabwe in Mazowe, Marondera and Makoni districts.

Sutera subsessilis Hilliard, **species nova** nulli arcte affinis; a *S. revoluta* (Thunb.) O. Kuntze pilis in caule foliis calyce ad 0.4–1.2mm longis (nec c. 0.1mm), foliis lanceolatis (nec linearibus vel anguste ellipticis) differt. A *S. paniculata* Hilliard foliis lanceolatis maximis c.10–17 x 3–8mm (nec linearibus vel anguste ellipticis, maximis c.20–40 x 1–4.3mm), marginibus planis (nec revolutis) distinguenda.

Type: Cape, Ceres div., 3319 AC, Elandskloof, 3000ft, 3 x 1940, *Levy* 7243 (holo. BOL).

Known only from Elandskloof in Ceres div. and the Cedarbergen in Clanwilliam div.

Sutera tenuicaulis Hilliard, **species nova** a *S. denudata* (Benth.) O. Kuntze habitu laxo effuso (nec compacto caulibus erectis) basibus foliorum in caulem alis angustis decurrentibus (nec connatis), seminibus pallidis (nec caeruleo-griseis) differt. A *S. subnuda* (N.E.Br.) Hiern racemis laxis laxissime paniculatis (nec paniculis virgatis), corollae tubo 10.5–16.5 x 2.5–2.7mm (nec 3–6.5 x 3–4.5mm), filamentis brevioribus (anticis 1.5–2mm, nec 2.5–4mm; posticis 1–1.3mm, nec 1.5–2.6mm) distinguenda.

Type: Cape, Prince Albert div., 3322 AC, Swartberg Pass, c.4000–4900ft, xii 1904, *Bolus* 11612 (holo. BOL).

Known only from Swartberg Pass and nearby.

Sutera titanophila Hilliard, **species nova** a *S. hispida* (Thunb.) Druce pubescentia caulium atque foliorum brevi glandulosa pilis 0.1–0.3mm longis (nec fere hispida pilis 0.5–1.5mm), floribus in racemos terminales paucifloros dispositis (nec floribus in axillis foliorum superiorum) differt. A *S. aethiopica* (L.) O. Kuntze foliis dense glanduloso-pubescentibus (nec foliis aut glabris aut pilis dispersis hispidis c.0.25–1mm longis) calycis tubo 0.7–1mm longo (nec 1.2–2.2mm) et calycis lobis brevioribus (2.5–3.1mm, nec 3.6–5mm), stigmatibus 0.5–0.8mm longo (nec 2.5–4mm) distinguenda.

Type: Cape, Bredasdorp div., 3420 AD, De Hoop, Potberg Nature Reserve, 15m, 16 x 1978, *Burgers* 1356 (holo. STE).

Known only from De Hoop.

Sutera uncinata (Derouss.) Hilliard, **comb. nov.**

Type: C.B.S., *Sonnerat* (P-LAM).

Syn.: *Manulea uncinata* Derouss. in Lam., *Encycl. Meth.* 3: 706 (1792).

M. linifolia Thunb., *Prodr.* 100 (1800) & *Fl. CAR.* ed. Schultes 466 (1823).

Chaenostoma linifolium (Thunb.) Benth. in Hook., *Comp. Bot. Mag.* 1: 375 (1836).

Sutera linifolia (Thunb.) O. Kuntze, *Rev. Gen. Pl.* 2: 467 (1891);
Hiern in *Fl. Cap.* 4(2): 272 (1904) p.p. and excluding var.
heterophylla (O. Kuntze) Hiern.

Before the above synonymy was established, much material on loan to Edinburgh had been returned to herbaria as *S. linifolia*.