

Hypoxis (Hypoxidaceae) in Africa: list of species and infraspecific names

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ABSTRACT

A list of species and synonyms is presented for the African *Hypoxis* L. An abbreviated reference to the original publication of a species is included in the list. Distribution of taxa is indicated by the country in which they occur. A list of synonyms with accepted or suggested names and the reference to change in status of a taxon is provided. Subsequent publications on the treatment of a taxon are given to denote congruous and differing resolution of taxa by authorities.

INTRODUCTION

Numerous species names appear in the genus *Hypoxis* L., causing much confusion in nomenclature. Some redundant epithets are due to species in the related genera, *Curculigo* Gaertn., *Spiloxene* Salisb., *Saniella* Hilliard & B.L.Burt and *Rhodohypoxis* Nel being initially recognized and described as species of *Hypoxis*. Others arose through new descriptions for species with names already in use. This is understandable for a group that displays great polymorphism during its growing season. Leaves in most species elongate after flowering, giving the plant a different appearance. Descriptions were often based on a single morph of the plant and these gave rise to a number of names for a single species. A further problem in the genus is that the reduction of species to synonymy was not always formalized in earlier studies on *Hypoxis* in Africa. For example, Nel (1914) in his major treatment of the Hypoxidaceae in Africa, indicated some synonyms by citing the type specimens of the synonym under what he considered to be valid species. He recorded other synonyms in the index at the end of his treatment. In addition, a few species reduced to synonymy appear as valid species in later publications without reference to its earlier reduced status or explanation for change in status.

To clarify the nomenclature of *Hypoxis*, a list of species in Africa is presented. The intention is to provide a consolidated list of all names applied to African *Hypoxis* since the description of the first African species, *H. villosa* L.f. in 1782. The list is proposed as a start towards a possible World checklist for the small family Hypoxidaceae, similar to that produced for the Araceae (Frodin & Govaerts 2002). Data for the southern African (South Africa, Swaziland, Lesotho, Botswana and Namibia) species are based on a taxonomic revision by the author (Singh in prep.) and on the contribution on Hypoxidaceae by Sniyman & Singh (2003) in *Plants of southern Africa: an annotated checklist*. For the species in tropical Africa, data were extracted from published literature. Having examined most of the type material and early literature, a few discrepancies have come to

light: for example, the confusion with the concept of the distinct species *H. obtusa* Burch. ex Ker Gawl. and *H. villosa* L.f. where the names were used interchangeably for specimens belonging to the taxa. These discrepancies will be elaborated upon in subsequent publications.

The IPNI electronic database (www.ipni.org/index.html) was used as the starting point to compile a list of all species names applied to *Hypoxis* on the African continent. Accepted names were extracted into a list and all synonyms and uncertain names were placed in Table 1. All names proposed in manuscripts, dissertations and herbarium sheets were added to the list of names in the table, and where possible, the status of taxa was verified. References on *Hypoxis* in Africa including those given in the IPNI database for each taxon were sought. All species reduced to synonyms were cross-referenced in the literature and noted with a reference in the table. Based on knowledge gained through the study of African type material and descriptions, the reduction of species by authors was either accepted or rejected.

Structure of the list

The list includes 69 species and 21 infraspecific taxa of African *Hypoxis*, with synonymy, reference and distribution. Species are listed alphabetically with accepted names in **bold**. Synonyms are listed per species in *italics* and are also in alphabetical order. The reference to the original description of a species is given in abbreviated format stating the author, page number and year of publication (see references for details). Author names are according to Brummitt & Powell (1992). Distribution of taxa are indicated by the countries in which they occur and the countries are abbreviated here alphabetically and in the list as follows: A, Angola; B, Burundi; Bot, Botswana; Cam, Cameroon; CAR, Central African Republic; Ch, Chad; DRC, Democratic Republic of Congo; E, Eritrea; Eth, Ethiopia; G, Gabon; Gu, Guinea; K, Kenya; L, Lesotho; Lib, Liberia; Mad, Madagascar; Mal, Malawi; Mau, Mauritius; Moz, Mozambique; N, Namibia; Nig, Nigeria; R \acute{e} , R \acute{e} union; Rwa, Rwanda; SA, South Africa; SL, Sierra Leone; Som, Somalia; Sud, Sudan; Swa, Swaziland; T, Tanzania; U, Uganda; Zam, Zambia; Zim, Zimbabwe. Where the locality of a taxon is uncertain, a question mark is used after the suggested country e.g. Mal?

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Structure of the accompanying table

Table 1 is a listing of synonyms with accepted or suggested names based mainly on literature and the reference to where the status of a species was changed. Column 1 of the table is a list of synonyms and uncertain species in alphabetical order. Column 2 gives the accepted names in **bold** and unaccepted names in *italics*. For taxa where the status could not be confirmed, suggested names are marked with an asterisk. Column 3 gives the publication in which the status of a taxon was first changed. Subsequent publications on the treatment of a taxon are given in chronological order and this is included to denote congruous and differing resolution of taxa by authorities. The references are restricted mainly to revisions, regional treatments and enumeration lists for *Hypoxis* in Africa.

References

References are restricted to taxonomic works on African *Hypoxis*. These are abbreviated in the list and table, and are arranged chronologically in the reference column of the table. A list of references is appended.

Hypoxis L.

- Subgenus *Hypoxis* Baker: 99 (1878b)
 Section *Hypoxis* Geerinck: 75 (1969)
aculeata Nel: 327 (1914); Mal
acuminata Baker: 3 (1889); Les, SA, Swa
angolensis Baker: 266 (1878a); Ang, DRC, T, Zam
angustifolia Lam.: 182 (1789)
biflora Baker: 181 (1876), non De Wild.
djalonsensis Hutch. in Hutch. & Dalziel: 394 (1931)
 var. **angustifolia**; Mau, Rê, SA
lata Nel: 324 (1914)
 var. **buchananii** Baker: 111 (1878b); SA, Swa
obliqua Jacq. var. *woodii* (Baker) Nel: 309 (1914)
woodii Baker: 3 (1889)
 var. **luzuloides** (Robyns & Tournay) Wiland: 148 (2002); B, Cam, CAR, Ch, DRC, Eth, G, GU, K, Mad, Moz, Nig, Rwa, SA?, SL, Sud, T, U, Zam, Zim
luzuloides Robyns & Tournay: 254 (1955)
 var. **madagascariensis** Wiland: 148 (2002); Mad
araneosa Nel: 310 (1914); K
arenosa Nel: 325 (1914); T
argentea Harv. ex Baker: 110 (1878b)
 var. **argentea**; Les, SA, Swa
 var. **sericea** Baker: 110 (1878b); Les, N, SA, T
dinteri Nel: 302 (1914)
parviflora Dinter ex Sölch: 115 (1960), nom. nud.
sericea Baker: 111 (1878b)
sericea Baker var. *dregei* Baker: 112 (1878b), pro parte quoad specim. *Drège 8525* (K)
sericea Baker var. *flaccida* Baker: 112 (1878b)
bampsiana Wiland: 207 (1997c); DRC, Mal, T, Zam
multiceps sensu Zimudzi: 14 (1996), non Buchinger ex Baker
sp. A pro parte quoad *Bullock 2045* Nordal et al.: 29 (1985)
camerooniana Baker 7: 577 (1898); Cam
lanceolata Nel: 335 (1914)
ledermannii Nel: 314 (1914)
petrosa Nel: 325 (1914)
recurva Hook.f.: 223 (1864)
thorbeckei Nel: 328 (1914)
villosa L.f. var. *recurva* (Hook.f.) Baker: 114 (1878b)
villosa auct. non L.f. 'var. *foliis recurvis*' Hook.f.: 223 (1864)
campanulata Nel: 314 (1914); T
canaliculata Baker: 265 (1878a); A, DRC, Mal, Zam, Zim
colchicifolia Baker: 3 (1889); SA
distachya Nel: 322 (1914)
gilgiana Nel: 322 (1914)
latifolia Hook.: t. 4817 (1854)
oligotricha Baker: 3 (1889)
costata Baker: 119 (1878b); Les, SA, Swa
cryptophylla Nel: 316 (1914); Rwa, T
cuanzensis Welw. ex Baker: 265 (1878a); A, K, T, Zam, Zim
macrocarpa E.M.Holt & Staubo in Nordal et. al.: 25 (1985)
demissa Nel: 328 (1914); T
exaltata Nel: 331 (1914); SA
filiformis Baker: 109 (1878b); A, B, DRC, Les, Mal, Moz, SA, Swa, T, U, Zam, Zim
caespitosa Baker: 858 (1901)
dregei (Baker) Nel: 306 (1914)
dregei Baker var. *biflora* (De Wild.) Nel: 306 (1914)
münznerii Nel: 307 (1914)
sericea Baker var. *dregei* Baker: 112 (1878b), pro parte quoad specim. *Cooper 1811* (TCD)
fischeri Pax: 143 (1893); Cam, Zam
flanaganii Baker: 179 (1896); SA
floccosa Baker: 357 (1894); SA
ecklonii Baker: 859 (1901) as *eckloni*
galpinii Baker: 188 (1896); SA, Swa, Zim
costata sensu Norl.: 164 (1937)
pungwensis Norl.: 165 (1937)
stricta Nel: 321 (1914)
gerardii Baker: 110 (1878b); Les, SA, Swa
junodii Baker: 859 (1901) as *junodi*
goetzei Harms: 276 (1901); DRC, K, Mal, Moz, T, Zam, Zim
esculenta De Wild.: 537 (1913)
rubiginosa Nel: 320 (1914)
turbinata Nel: 329 (1914)
graminea Willd. ex Schult.: 768 (1829); Mad
gregoriana Rendle: 407 (1895); K
hemerocallidea Fisch., C.A.Mey. & Avé-Lall.: 64, 65 (1842); Bot, Les, Moz, SA, Swa, Zim
elata Hook.f.: t. 5690 (1868), non Schult.f.
obconica Nel: 318 (1914)
patula Nel: 333 (1914)
phoenica Nel, ined. based on specim. *Wood 184* (K), nom. nud.
rigidula Baker var. *hemerocallidea* (Fisch., C.A.Mey. & Avé-Lall.) Heideman: 892 (1983)
rooperii T.Moore: 65 (1852) as *rooperi*
rooperii T.Moore var. *forbesii* Baker: 118 (1878b)
hockii De Wild.: 537 (1913)
pedicellata Nel ex De Wild.: 315 (1914)
 var. **hockii** Wiland: 321 (2001); DRC
 var. **colliculata** Wiland: 321 (2001); DRC
 var. **katangensis** (Nel) Wiland: 322 (2001); DRC, Zam
katangensis Nel ex De Wild.: 312 (1914)
infausta Nel: 319 (1914); T
interjecta Nel: 321 (1914); SA
pretoriensis Goossens, ined. description attached to specim. *Goossens 91* (K), nom. nud.
kilimanjarica Baker: 378 (1898)
 subsp. **kilimanjarica**; B, DRC, K, Rwa, T
alpina R.E.Fr.: 78 (1948)
incisa Nel: 301 (1914)
 subsp. **prostrata** E.M.Holt & Staubo in Nordal et al.: 26 (1985); K, T
kraussiana Buchinger: 311 (1845); DRC?, SA, Swa
laikiapiensis Rendle: 407 (1895); T?
lejolyana Wiland: 418 (1997b); DRC, Zam
longifolia Baker ex Hook.f.: t. 6035 (1873); Les, Moz, SA
filifolia Nob., ined. name applied to specim. *Mund & Maire s.n.* (B) by Nel, nom. nud.
longifolia Baker var. *thunbergii* Baker: 116 (1878b)
villosa L.f. var. δ Thunb. ex Baker: 116 (1878b)
zuluensis S.E.Wood, ined. name applied to specim. *Gerstner 4936* (PRE)
zululandensis S.E.Wood: 66 (1976), MS.*
ludwigii Baker: 181 (1876); Les, SA
lusalensis Wiland: 421 (1997b); DRC
malaissei Wiland: 418 (1997b); DRC
malosana Baker: 284 (1897); B, Bot, DRC, Mal, Moz, SA?, T, U, Zam, Zim
biflora De Wild.: 537 (1913), nom. illeg.
matengensis G.M.Schulze: 376 (1939); T
membranacea Baker: 106 (1878b); A, Swa
monanthos Baker: 266 (1878a); A, B, DRC, Mal

- muhilensis** Wiland: 412 (1997b); DRC
 subsp. **kansimbensis** Wiland: 414 (1997b); Z
 subsp. **muhilensis** Wiland: 412 (1997b); Z
- multiceps** Buchinger: 311 (1845); Les, SA, Swa
- neliana** Schinz: 136 (1926); Les, SA
- nyasica** Baker: 284 (1897); Mal, Moz, T, Zam, Zim
canaliculata sensu Brenan: 86 (1954) quoad *Brass 17598*
engleriana Nel: 315 (1914)
engleriana Nel var. *scottii* Nel: 315 (1914)
ingrata Nel: 311 (1914)
probata Nel: 317 (1914)
retracta Nel: 312 (1914)
villosa sensu Zimudzi: 17 (1996)
- obliqua** Jacq.: 54 (1796): t. 371 (1786–1793); Les, SA
villosa var. *obliqua* (Jacq.) Baker: 114 (1878b)
- obtusa** Burch. ex Ker Gawl.: t. 159 (1816); A, Bot, K, Les, Mal, Moz, Nam, SA, Swa, T, Zam, Zim
iridifolia Baker: 117 (1878b)
nitida I. Verd.: t. 1058 (1949)
obtusa Burch. MS. ined. et auct. Plur.—vix Ker Gawl.
obtusa Burch. ex Ker Gawl.
 var. *chrysotricha* Nel: 334 (1914)
 var. *nitida* (I. Verd.) Heideman: 892 (1983)
 var. *obtusa*: Heideman: 892 (1983)
villosa L.f. var. *obtusa* (Burch. ex Kew Gawl.) T. Durand & Schinz: 236 (1895)
villosa sensu Eyles: 328 (1916), quoad specim. *Gibbs 192*
villosa sensu Zimudzi: 17 (1996)
- parvifolia** Baker: 183 (1896); Mal, SA, Swa, Zim
- parvula** Baker: 113 (1878b)
 var. **parvula**: Les, SA, Swa
brevifolia Baker: 183 (1896)
limicola B.L. Burt: 188 (1988)
membranacea auct. non Baker
 var. **albiflora** B.L. Burt: 190 (1988); SA
- polystachya** Welw. ex Baker: 266 (1878a)
completa Nel, ined. name applied to specim. *Allen 30* (B), nom. nud.
multiflora Nel: 317 (1914)
obtusa auct. non Burch. ex Ker Gawl. (Nordal & Zimudzi 2001:14)
orbiculata Nel: 313 (1914)
 var. **polystachya**: A
 var. **andongensis** Baker: 266 (1878a); A
- protrusa** Nel: 336 (1914); T
- rigidula** Baker: 116 (1878b)
acuminata sensu Norl.: 163 (1937), quoad specim. 4833
longifolia Dinter ex Sölch: 2 (1960), nom. nud.
oblonga Nel: 332 (1914)
obtusa auct. non Burch. ex Ker Gawl. (Nordal & Zimudzi 2001:12)
volkmanniae Dinter: 257 (1931)
 var. **pilosissima** Baker: 117 (1878b); SA, Swa, Les
arnottii Baker: 552 (1877)
 var. **rigidula** Baker: 116 (1878b); Les, Moz, Nam, SA, Swa, T?, Zim
cordata Nel: 331 (1914)
elliptica Nel: 332 (1914)
longifolia Baker: 176 (1904) based on specim. *Jumod 1445* (Z), nom. illeg.
rigidula Baker var. *hemerocallidea* (Fisch., C.A.Mey. & Avé-Lall.) Heideman: 892 (1983)
- robusta** Nel: 313 (1914); DRC
- sagittata** Nel: 323 (1914); SA
- schimperii** Baker: 110 (1878b); Eth
villosa auct. non L.f. (Cufodontis 1971: 1578)
- sobolifera** Jacq.: 53 (1796): t. 372 (1786–1793)
 var. **pannosa** (Baker) Nel: 309 (1914); SA
pannosa Baker: 130 (1874)
villosa L.f. var. *pannosa* (Baker) Baker: 114 (1878b)
 var. **sobolifera** (Jacq.) Nel: 309 (1914); SA
canescens Fisch. in Fisch. & C.A.Mey.: 50 (1845)
decumbens β & γ Thunb. ex Baker: 114 (1878b)
krebsii Fisch. in Fisch. & C.A.Mey.: 72 (1846)
schweinfurthiana Nel: 329 (1914)
sobolifera Jacq. var. *accedens* Nel: 310 (1914)
villosa L.f. var. *canescens* (Fisch.) Baker (1878b)
villosa L.f. var. *schweinfurthii* Harms: 72 (1895)
villosa L.f. var. *sobolifera* (Jacq.) Baker: 114 (1878b)
- sp. A** Nordal & Zimudzi: 15 (2001); Mal, Moz, Swa?, Zim
- stellipilis** Ker Gawl.: t. 663 (1822); SA
lanata Eckl. ex Baker: 118 (1878b)
- subspicata** Pax: 143 (1893); A, DRC, Mal, Zam
 sp. A of Nordal et al., (pro parte quoad *Davies 742*) Nordal et al.: 29 (1985)
- suffruticosa** Nel: 335 (1914); Cam
urceolata auct. non Nel (Nordal & Iversen 1987: 37)
- symoensiana** Wiland: 421 (2001); DRC
- tetramera** Hilliard & B.L. Burt: 299 (1983); Les, SA
- uniflora** Markötter: 15 (1930); SA
- upembensis** Wiland: 414 (1997); DRC
- urceolata** Nel: 336 (1914); DRC, Rwa, Zim
apiculata Nel: 327 (1914)
bequaertii De Wild.: 49 (1921b)
crispa Nel: 334 (1914)
- villosa** L.f.: 326 (1781) sensu lato; K?, Les, Mal, Moz, SA, Swa, Moz, Zam, Zim
abyssinica Hochst.: 32 (1844)
boranensis Cufod.: 328 (1939)
bowriana Baker, ined. name applied to specim. *Bowie s.n.* (BM), nom. nud.
decumbens Lam.: 172 (1789)
jacquinii Baker: 112 (1878b)
microsperma Lallem. in Fisch. & C.A.Mey.: 50 (1845)
petitiana A. Rich.: 315 (1851)
scabra Lodd.: t. 970 (1824)
simensis Hochst.: 32 (1844)
textilis Nel: 326 (1914)
tomentosa Lam.: 112 (1789)
tysonii Schönland ex Bruce-Miller: 36 (1995), MS. *, nom. nud.
 var. *fimbriata* Nel: 310 (1914)
 var. *scabra* (Lodd.) Baker: 114 (1878b)
volkensis Harms ex Engl.: 733, 734 (1906), nom. nud.
- zernyi** Schulze: 375 (1939); T
- zeyheri** Baker: 112 (1878b); SA
setosa Baker: 113 (1878b)

* MS., manuscript.

TABLE 1.—Synonyms in *Hypoxis* and reference to new combinations by various authors

Taxon	Accepted or suggested name	Reference or comment
<i>abyssinica</i> Hochst.	H. villosa L.f.	Richard: 314 (1851); Baker: 113 (1878b); Cufodontis: 1580 (1972).
<i>acida</i> (Nel) Geerinck	<i>H. villosa</i> complex	Nordal: 86 (1997).
<i>aculeata</i> Nel as <i>aculeolata</i>	Spiloxene acida (Nel) Garside	Garside: 268 (1936); Snijman: 110 (2000).
	<i>H. obtusa</i> Burch. complex	Nordal et al. 28 (1985).
	* <i>H. aculeata</i> Nel	
<i>acuminata</i> Eckl. (1827), nom. nud.	<i>H. stellata</i> L. var. <i>linearis</i> (Andrews) Baker =	Baker: 178 (1896); Nordenstam: 294 (1972).
	Spiloxene capensis (L.) Garside	
<i>acuminata</i> sensu Norl., quoad specim. 4833	H. rigidula Baker	Nordal & Zimudzi: 12 (2001).
<i>aemulans</i> (Nel) Geerinck	Spiloxene aemulans (Nel) Garside	Garside: 269 (1936); Snijman: 110 (2000).
<i>affinis</i> Schult. f.	<i>H. alba</i> L.f. = Spiloxene alba (Thunb.) Fourc.	Baker: 102 (1878b).

TABLE 1.—Synonyms in *Hypoxis* and reference to new combinations by various authors (cont.)

Taxon	Accepted or suggested name	Reference or comment
<i>alba</i> (Thunb.) L.f. <i>alba</i> L.f.	Spiloxene alba (Thunb.) Fourc. <i>Spiloxene alba</i> (L.f.) Fourc. = Spiloxene alba (Thunb.) Fourc.	Garside: 268 (1936). Fourcade: 76 (1934).
<i>alba</i> L.f. var. γ Thunb.	<i>H. alba</i> L.f. var. <i>burkei</i> Baker = Spiloxene alba (Thunb.) Fourc.	Baker: 102 (1878b)
<i>alba</i> sensu Lodd.	<i>H. alba</i> var. <i>gracilis</i> Baker = Spiloxene alba (Thunb.) Fourc.	Baker: 102 (1878b)
<i>alpina</i> R.E.Fr.	H. kilimanjarica Baker H. kilimanjarica Baker subsp. <i>kilimanjarica</i>	Nordal et al.: 26 (1985). Lebrun & Stork: 106 (1995).
<i>andrewsii</i> Baker	<i>Janthe andrewsii</i> (Baker) Nel = Spiloxene	Nel: 337 Index (1914).
<i>angolensis</i> Baker	* <i>H. obtusa</i> Burch. ex Ker Gawl.	Nordal & Zimudzi: 13 (2001).
<i>angustifolia</i> auct. non Lam., quoad. specim. <i>Noirfalise</i> 287	Curculigo pilosa (Schum. & Thonn.) subsp. <i>minor</i> (Guinea E.) Wiland	Wiland: 16 (1997a).
<i>angustifolia</i> Lam. var. <i>cernua</i> Nel, ined. name applied to specim. <i>Rehmann</i> 7238 (Z), nom. nud.	<i>H. sp.</i>	Singh in prep.
<i>apiculata</i> Nel	<i>H. obtusa</i> Burch. complex <i>H. villosa</i> complex H. urceolata Nel	Nordal et al.: 28 (1985). Nordal: 86 (1997). Wiland-Szymańska: 345 (2001).
<i>aquatica</i> L.f.	Spiloxene aquatica (L.f.) Fourc.	Fourcade: 76 (1934); Garside 268 (1936); Snijman: 109 (2000).
<i>araneosa</i> Nel	<i>H. obtusa</i> Burch. complex * <i>H. araneosa</i> Nel	Nordal et al.: 28 (1985).
<i>arenosa</i> Nel	<i>H. obtusa</i> Burch. complex * <i>H. arenosa</i> Nel	Nordal et al.: 28 (1985).
<i>arnottii</i> Baker	H. rigidula Baker var. <i>pilosissima</i> Baker	Nel: 331 (1914). Nel cited type of <i>H. arnottii</i> as <i>H. rigidula</i> var. <i>pilosissima</i> ; Singh in prep.
<i>aurea</i> Eckl. (1827), nom. nud. <i>baguirmiensis</i> A.Chev.	Spiloxene capensis (L.) Garside <i>H. angustifolia</i> Lam. = Curculigo baguirmiensis (A.Chev.) A.Chev.	Nordenstam: 294 (1972). Lebrun & Stork 3: 106 (1995); Chevalier: 305 (1913).
<i>baurii</i> Baker <i>bequaertii</i> De Wild.	Rhodohypoxis baurii (Baker) Nel <i>H. subspicata</i> Pax H. urceolata Nel	Nel: 300 (1914). Lebrun & Stork: 106 (1995). Troupin: 277 (1971); Wiland-Szymańska: 345 (2001).
<i>beyrichii</i> Nel	<i>H. villosa</i> L.f. * <i>H. rigidula</i> Baker	Zimudzi: 17 (1996). Singh in prep. Insufficiently known, known only from type having inadequate material.
<i>biflora</i> Baker non De Wild. <i>biflora</i> De Wild., nom. illeg.	H. angustifolia Lam. <i>H. dregei</i> var. <i>biflora</i> (De Wild.) Nel H. malosana Baker	Baker: 111 (1878b). De Wildeman: 8 (1914). Nordal et al.: 27 (1985); Lebrun & Stork: 106 (1995); Wiland-Szymańska: 329 (2001).
<i>boranensis</i> Cufod.	<i>H. filiformis</i> Baker <i>H. villosa</i> complex * <i>H. villosa</i> L.f.	Nordal & Zimudzi: 10 (2001). Nordal: 86 (1997).
<i>bowriana</i> Baker, ined. name applied to specim. <i>Bowie s.n.</i> (BM), nom. nud.	H. villosa L.f.	Singh in prep.
<i>brevifolia</i> Baker	<i>H. membranacea</i> Baker H. parvula Baker var. <i>parvula</i>	Nel: 338 (1914). Burt: 190 (1988).
<i>caerulescens</i> DC.	<i>H. stellata</i> (Thunb.) L.f. var. <i>elegans</i> (Andrews) Baker = * <i>Spiloxene capensis</i> (L.) Garside	Baker: 101 (1878b).
<i>caespitosa</i> Baker <i>camerooniana</i> Baker <i>campanulata</i> Nel	H. filiformis Baker <i>H. angustifolia</i> Lam. <i>H. obtusa</i> Burch. complex * <i>H. campanulata</i> Nel	Nel: 305 (1914). Cufodontis: 1577 (1971). Nordal et al.: 28 (1985).
<i>canaliculata</i> sensu Brenan quoad <i>Brass</i> 17598 <i>canescens</i> Fisch.	H. nyasica Baker <i>H. villosa</i> L.f. var. <i>canescens</i> (Fisch.) Baker H. sobolifera Jacq. var. <i>sobolifera</i> (Jacq.) Nel	Nordal & Zimudzi: 16 (2001). Baker: 114 (1878b). Nel: 339 (1914).
<i>completa</i> Nel, ined. name applied to specim. <i>Allen</i> 30 (B), nom. nud.	<i>H. orbiculata</i> Nel = H. polystachya Welw. ex Baker	Nel struck off <i>H. completa</i> and replaced it by <i>H. orbiculata</i> on specim. <i>Allen</i> 30 (B).
<i>cordata</i> Nel	<i>H. completa</i> Nel <i>H. rigidula</i> Baker var. <i>hemerocallidea</i> (Fisch., C.A. Mey. & Avè-Lall.) Heideman H. rigidula Baker var. <i>rigidula</i> H. galpinii Baker	De Wildeman: 8 (1914); 34 (1921a). Heideman: 892 (1983). Singh in prep.
<i>costata</i> sensu Norl. <i>crassifolia</i> Pappe in Baker <i>crispa</i> Nel	<i>H. alba</i> L.f. = Spiloxene alba (Thunb.) Fourc. <i>H. obtusa</i> Burch. complex H. urceolata Nel	Nordal & Zimudzi: 11 (2001). Baker: 102 (1878b). Nordal et al.: 28 (1985).
<i>cryptophylla</i> Nel	<i>H. obtusa</i> Burch. complex * <i>H. cryptophylla</i> Nel	Wiland-Szymańska: 345 (2001). Nordal et al.: 28 (1985).
<i>curculigoides</i> Bolus <i>cuspidata</i> (Nel) Geerinck <i>declinata</i> (Nel) Geerinck	Spiloxene curculigoides (Bolus) Garside * <i>Spiloxene ovata</i> (L.f.) Garside * <i>Spiloxene curculigoides</i> (Bolus) Garside	Garside: 269 (1936); Snijman: 110 (2000). Snijman: 110 (2000). Snijman: 110 (2000).

TABLE 1.—Synonyms in *Hypoxis* and reference to new combinations by various authors (cont.)

Taxon	Accepted or suggested name	Reference or comment
<i>decumbens</i> β & γ Thunb. ex Baker non L.	<i>H. villosa</i> var. <i>canescens</i> (Fisch.) Baker H. sobolifera Jacq. var. sobolifera (Jacq.) Nel	Baker: 114 (1878b). Singh in prep.
<i>decumbens</i> Lam.	H. villosa L.f.	Schult.f. in Schultes & Schultes: 765 (1830).
<i>demissa</i> Nel	<i>H. obtusa</i> Burch. complex * <i>H. demissa</i> Nel	Nordal et al.: 28 (1985).
<i>dielsiana</i> (Nel) Geerinck	Spiloxene dielsiana (Nel) Garside	Garside: 268 (1936); Snijman: 110 (2000).
<i>dinteri</i> Nel	<i>H. villosa</i> L.f. H. argentea Harv. ex Baker var. sericea Baker	Zimudzi: 17 (1996). Singh in prep.
<i>distachya</i> Nel	H. colchicifolia Baker	Singh in prep.
<i>djalonenis</i> Hutch.	H. angustifolia Lam.	Hepper: 172 (1968); Nordal & Iversen: 34 (1987).
<i>dregei</i> (Baker) Nel	H. filiformis Baker	Zimudzi: 15 (1996); Nordal & Zimudzi: 10 (2001).
<i>dregei</i> (Baker) Nel var. <i>biflora</i> (De Wild.) Nel, nom. illeg.	<i>H. malosana</i> Baker H. filiformis Baker	Nordal et al.: 27 (1985); Lebrun & Stork: 106 (1995). Nordal & Zimudzi: 10 (2001).
<i>dubia</i> Schult.f.	<i>H. alba</i> L.f. = Spiloxene alba (L.f.) Fourc.	Baker: 102 (1878b). Insufficiently known.
<i>eckloniana</i> Schult.f.	H. floccosa Baker	Singh in prep.
<i>ecklonii</i> Baker as <i>eckloni</i>	H. hemerocallidea Fisch. & C.A. Mey. & Avé-Lall.	Baker: 119 (1878b).
<i>elata</i> Hook.f. non Schult.f., nom. illeg.	<i>H. stellata</i> L. var. <i>albiflora</i> Baker = Spiloxene	Baker: 101 (1878b).
<i>elata</i> Schult.f. non Hook.f.	<i>H. stellata</i> L. var. <i>elegans</i> (Andrews) Baker = * <i>Spiloxene capensis</i> (L.) Garside	Baker: 101 (1878b); Garside: 269 (1936).
<i>elegans</i> Andrews	H. rigidula Baker	Zimudzi: 16 (1996); Nordal & Zimudzi: 12 (2001).
<i>elliptica</i> Nel	H. rigidula Baker var. rigidula	Singh in prep.
<i>engleriana</i> Nel	<i>H. villosa</i> L.f. H. nyasica Baker	Zimudzi: 17 (1996). Nordal & Zimudzi: 16 (2001).
<i>engleriana</i> Nel var. <i>scottii</i> Nel	H. nyasica Baker	Nordal & Zimudzi: 16 (2001).
<i>esculenta</i> De Wild.	<i>H. subspicata</i> Pax H. goetzei Harms	De Wildeman: 34 (1921a); Nordal et al.: 25 (1985); Lebrun & Stork: 106 (1995). Zimudzi: 14 (1996); Nordal & Zimudzi: 8 (2001); Wiland-Szymańska: 319 (2001).
<i>filifolia</i> Eckl. (1827), nom. nud.	Spiloxene sp.	Nordenstam: 294 (1972).
<i>filifolia</i> Nob., ined. name applied to specim. <i>Mund & Maire s.n.</i> (B) by Nel, nom. nud.	H. longifolia Baker ex Hook.f.	Singh in prep.
<i>fischeri</i> Pax	<i>H. obtusa</i> Burch. complex H. fischeri Pax	Nordal et al.: 28 (1985). Nordal & Iversen: 40 (1987).
<i>flaccida</i> (Nel) Geerinck	Spiloxene flaccida (Nel) Garside	Garside: 269 (1936); Snijman: 109 (2000).
<i>flavescens</i> Eckl. (1827), nom. nud.	Spiloxene capensis (L.) Garside	Nordenstam: 294 (1972).
<i>flavopetala</i> Eckl. (1827), nom. nud.	Spiloxene capensis (L.) Garside	Nordenstam: 294 (1972).
<i>geniculata</i> Eckl. (1827), nom. nud.	<i>H. stellata</i> L. var. <i>linearis</i> (Andrews) Baker = Spiloxene capensis (L.) Garside	Baker: 178 (1896); Nordenstam: 294 (1972).
<i>gilgiana</i> Nel	H. colchicifolia Baker	Singh in prep.
<i>gracilipes</i> Schltr.	* <i>Spiloxene ovata</i> (L.f.) Garside	Snijman: 109 (2000).
<i>gregoriana</i> Rendle	<i>H. obtusa</i> Burch. complex * <i>H. gregoriana</i> Rendle	Nordal et al.: 28 (1985).
<i>hemerocallidea</i> Fisch., C.A.Mey. & Avé-Lall.	<i>H. rigidula</i> Baker var. <i>hemerocallidea</i> (Fisch., C.A. Mey. & Avé-Lall.) Heideman	Heideman: 892 (1983).
<i>hockii</i> De Wild.	<i>H. subspicata</i> Pax H. hockii De Wild.	Lebrun & Stork: 106 (1995). Wiland: 321 (2001).
<i>incisa</i> Nel	H. kilimanjarica Baker	Nordal et al.: 26 (1985); Wiland-Szymańska: 324 (2001).
<i>infausta</i> Nel	H. kilimanjarica Baker subsp. kilimanjarica <i>H. obtusa</i> Burch. complex * <i>H. infausta</i> Nel	Lebrun & Stork: 106 (1995). Nordal et al.: 28 (1985).
<i>ingrata</i> Nel	<i>H. obtusa</i> Burch. complex H. nyasica Baker	Nordal et al.: 28 (1985). Nordal & Zimudzi: 16 (2001).
<i>iridifolia</i> Baker	<i>H. villosa</i> L.f. H. obtusa Burch. ex Ker Gawl. * <i>H. villosa</i> L.f.	Zimudzi: 17 (1996). Nordal & Zimudzi: 13 (2001). Insufficiently known; Singh in prep.
<i>jacquinii</i> Baker as <i>jacquini</i>	<i>H. stellata</i> L. var. <i>linearis</i> (Andrews) Baker = Spiloxene capensis (L.) Garside	Baker: 101 (1878b); Nordenstam: 294 (1972).
<i>juncea</i> Eckl. (1827), nom. nud.	<i>H. dregei</i> Baker H. gerrardii Baker	Nel: 338 (1914); Bews: 64 (1921). Burt: 188 (1988).
<i>junodii</i> Baker as <i>junodi</i>	<i>H. subspicata</i> Pax <i>H. polystachya</i> Welw. ex Baker	Lebrun & Stork: 106 (1995). Nordal & Zimudzi: 14 (2001).
<i>katangensis</i> Nel ex De Wild.	H. hockii De Wild. var. katangensis (Nel ex De Wild.) Wiland	Wiland-Szymańska: 324 (2001).
<i>krebsii</i> Fisch.	<i>H. villosa</i> L.f. var. <i>sobolifera</i> Jacq. = H. sobolifera Jacq. var. sobolifera (Jacq.) Nel	Baker: 114 (1878b); Cufodontis: 1580 (1972).
<i>laikiapiensis</i> Rendle	<i>H. obtusa</i> Burch. complex. * <i>H. laikiapiensis</i> Rendle	Nordal et al.: 28 (1985).

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Taxon	Accepted or suggested name	Reference or comment
<i>lanata</i> Eckl. ex Baker	H. stellipilis Ker Gawl.	Baker: 118 (1878b); 187 (1896).
<i>lanceolata</i> Nel	<i>H. recurva</i> Hook.f.	Hepper: 172 (1968).
	H. camerooniana Baker	Nordal & Iversen: 38 (1987).
<i>latifolia</i> Hook.	H. colchicifolia Baker	Burt: 201 (1986).
<i>lata</i> Nel	H. angustifolia Lam. var. angustifolia	Singh in prep.
<i>laxa</i> Eckl.(1827), nom. nud.	<i>H. stellata</i> L. var. <i>linearis</i> (Andrews) Baker = Spiloxene capensis (L.) Garside	Baker: 178 (1896); Nordenstam: 294 (1972).
<i>ledermannii</i> Nel	<i>H. recurva</i> Hook.f.	Hepper: 172 (1968).
	H. camerooniana Baker	Nordal & Iversen: 37 (1987).
<i>leucotricha</i> Fritsch (1901)		Insufficiently known.
<i>limicola</i> B.L.Burt	H. parvula Baker var. parvula	Singh in prep.
<i>linearis</i> Andrews	<i>H. serrata</i> (Thunb.) L.f.	Ker Gawler: t. 917 (1806).
	<i>Spiloxene stellata</i> (Thunb.) L.f. var. <i>linearis</i> (Andrews) Baker	Baker: 101 (1878b).
	<i>Spiloxene linearis</i> (Andr.) Garside	Garside: 268 (1936).
	Spiloxene serrata (Thunb.) Garside var. serrata	Snijman: 110 (2000).
<i>longifolia</i> Baker, based on specim. <i>Junod 1445</i> (Z), nom. illeg..	<i>H. cordata</i> Nel	Nel: 331 (1914)
	H. rigidula Baker var. rigidula	Singh in prep.
<i>longifolia</i> Dinter ex Sölch, nom. nud.	H. rigidula Baker	Merxmüller: 2 (1969).
<i>longifolia</i> Eckl. (1827), nom. nud.	Spiloxene capensis (L.) Garside	Nordenstam: 294 (1972).
<i>longifolia</i> Baker ex Hook.f. var. <i>thunbergii</i> Baker	H. longifolia Baker ex Hook.f.	Singh in prep.
<i>longipes</i> Baker	* <i>H. obtusa</i> Burch. ex Ker Gawl.	Insufficiently known.
<i>ludwigii</i> sensu Nel (is the same as ludwigii Baker)	<i>H. obtusa</i> Burch. ex Ker Gawl.	Nordal & Zimudzi: 13 (2001).
	H. ludwigii Baker	Singh in prep.
<i>luzulaefolia</i> DC.	<i>Curculigo plicata</i> Dryand.	Baker: 122 (1878b).
	Curculigo scorzonerifolia (Lam.) Baker	Hilliard & Burt: 307 (1973).
<i>luzulaefolia</i> Eckl. (1827), nom. nud.	<i>H. serrata</i> L. = Spiloxene serrata (Thunb.) Garside	Baker: 103 (1878b); Nordenstam: 294 (1972).
<i>luzulifolia</i> DC.	Curculigo scorzonerifolia (Lam.) Baker	Hilliard & Burt: 307 (1973).
<i>luzuloides</i> Robyns & Tournay	H. angustifolia Lam.	Nordal: 24 (1985); Nordal & Iversen: 34 (1987); Zimudzi: 15 (1996); Wiland-Szymańska: 309 (2001).
	H. angustifolia Lam. var. luzuloides (Robyns & Tournay) Wiland	Nordal & Zimudzi: 6 (2001); Wiland-Szymańska & Adamski: 148 (2002).
<i>macrocarpa</i> E.M.Holt & Staubo	H. cuanzensis Welw. ex Baker	Zimudzi: 15 (1996).
	<i>H. schimperi</i> Baker	Nordal & Zimudzi: 7 (2001); Nordal: 89 (1997).
<i>malosana</i> Baker	<i>H. dregei</i> Baker	Nel: 339 (1914).
	<i>H. filiformis</i> Baker	Zimudzi: 15 (1996); Nordal & Zimudzi: 10 (2001).
	H. malosana Baker	Wiland-Szymańska: 309 (2001).
<i>matengensis</i> G.M.Schulze	<i>H. obtusa</i> Burch. complex	Nordal et al.: 28 (1985).
	* <i>H. matengensis</i> G.M.Schulze	
<i>maximiliani</i> Schltr.	* <i>Spiloxene umbraticola</i> (Schltr.) Garside	Snijman: 109 (2000).
<i>membranacea</i> auct. non Baker	<i>H. limicola</i> B.L.Burt = H. parvula Baker var. parvula	Burt: 188 (1988); Singh in prep.
<i>microsperma</i> Lalle.	<i>H. villosa</i> L.f. var. <i>pannosa</i> (Baker) Baker	Baker: 184 (1896).
	H. villosa L.f.	Singh in prep.
<i>milloides</i> Baker	<i>Rhodohypoxis baurii</i> (Baker) Nel var. <i>milloides</i> (Baker) Nel	Nel: 300 (1914).
	Rhodohypoxis milloides (Baker) Hilliard & B.L. Burt	Hilliard & Burt: 59 (1978).
<i>minor</i> Eckl. (1827), nom. nud.	<i>H. alba</i> L.f. var. <i>gracilis</i> Baker = Spiloxene alba (Thunb.) Fourc.	Baker: 176 (1896).
<i>minuta</i> (L.) L.f.	Spiloxene minuta (L.) Fourc.	Fourcade: 76 (1934); Garside: 269 (1936); Snijman: 109 (2000).
<i>mollis</i> Baker		Insufficiently known.
<i>monophylla</i> Schltr. ex Baker	Spiloxene monophylla (Schltr.) Garside	Garside: 269 (1936); Snijman: 110 (2000).
<i>multiceps</i> sensu Zimudzi non Buchinger ex Baker	H. bampsiana Wiland	Nordal & Zimudzi: 8 (2001).
<i>multiflora</i> Nel	<i>H. obtusa</i> Burch. complex	Nordal et al.: 28 (1985).
	? <i>H. fischeri</i> Pax	Lebrun & Stork: 106 (1995).
	H. polystachya Welw. ex Baker	Nordal & Zimudzi: 14 (2001).
<i>münznerii</i> Nel as <i>münzneri</i> , <i>muenzneri</i>	<i>H. malosana</i> Baker	Nordal et al.: 27 (1985); Lebrun & Stork: 106 (1995).
<i>münznerii</i> Nel as <i>münzneri</i> , <i>muenznerii</i>	H. filiformis Baker	Zimudzi: 17 (1996); Nordal & Zimudzi: 10 (2001).
<i>nana</i> E.Mey. in herb. Drège, nom. nud.	<i>Pauridia hypoxidoides</i> Harv. = P. minuta (L.f.) T.Durand & Schinz	Baker: 126 (1878b); Thompson: 621 (1979).
<i>natalensis</i> Klotzsch	* <i>H. colchicifolia</i> Baker	Insufficiently known.
<i>neghellensis</i> Cufod	<i>H. villosa</i> complex	Nordal: 87 (1997).
<i>neocaniculata</i> Geerinck	Spiloxene canaliculata Garside	Snijman: 110 (2000).
<i>nigricans</i> Conrath	* <i>H. obtusa</i> Burch. ex Ker Gawl.	Insufficiently known.

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Taxon	Accepted or suggested name	Reference or comment
<i>nitida</i> I. Verd.	<i>H. obtusa</i> Burch. ex Ker Gawl. var. <i>nitida</i> (I. Verd.) Heideman	Heideman: 892 (1983).
	<i>H. iridifolia</i> Baker	Burt: 204 (1986).
	<i>H. villosa</i> L.f.	Zimudzi: 17 (1996).
	H. obtusa Burch. ex Ker Gawl.	Nordal & Zimudzi: 14 (2001).
<i>nyasica</i> Baker as <i>nyassica</i>	<i>H. villosa</i> L.f.	Zimudzi: 17 (1996).
	H. nyasica Baker	Nordal & Zimudzi: 16 (2001).
<i>obconica</i> Nel	H. hemerocallidea Fisch., C.A.Mey. & Avé-Lall.	Singh in prep.
<i>obliqua</i> Andrews non Jacq.	<i>H. andrewsii</i> Baker = * <i>Spiloxene</i>	Baker: 104 (1878b).
<i>obliqua</i> Eckl. & Zeyh. non Jacq.	<i>H. alba</i> L.f. = Spiloxene alba (L.f.) Fourc.	Baker: 102 (1878b).
<i>obliqua</i> Jacq. non Andrews	<i>H. villosa</i> L.f. var. <i>obliqua</i> Jacq.	Baker: 114 (1878b); Singh in prep.
	H. obliqua Jacq.	
<i>obliqua</i> Jacq. var. <i>woodii</i> (Baker) Nel	H. angustifolia Lam. var. buchananii Baker	Wood: 88 (1976); Singh in prep.
<i>oblonga</i> Nel	H. rigidula Baker	Zimudzi: 16 (1996); Singh in prep.
<i>obtusa</i> auct. non Burch. ex Ker Gawl.	partly H. rigidula Baker and partly H. polystachya Welw. ex Baker	Nordal & Zimudzi: 12, 14 (2001).
<i>obtusa</i> Burch. MS.	<i>H. villosa</i> L.f. var. <i>obtusa</i> (Burch.) T. Durand & Schinz	Durand & Schinz: 236 (1895).
	<i>H. iridifolia</i> Baker = H. obtusa Burch. ex Ker Gawl.	Burt: 204 (1986); Lebrun & Stork: 106 (1995).
<i>obtusa</i> Burch. ex Ker Gawl.	<i>H. obtusa</i> Burch. complex	Nordal et al.: 28 (1985).
	<i>H. villosa</i> L.f.	Zimudzi: 17 (1996).
	<i>H. villosa</i> complex	Nordal: 86 (1997).
	H. obtusa Burch. ex Ker Gawl.	Singh in prep.
<i>obtusa</i> Burch. ex Ker Gawl. var. <i>chrysotricha</i> Nel	H. obtusa Burch. ex Ker Gawl.	Singh in prep.
<i>obtusa</i> Burch. var. <i>nitida</i> (I. Verd.) Heideman	H. obtusa Burch. ex Ker Gawl.	Singh in prep.
<i>obtusa</i> Burch. var. <i>obtusa</i>	H. obtusa Burch. ex Ker Gawl.	Singh in prep.
<i>obtusa</i> complex sensu Nordal et al. (1985)	<i>H. obtusa</i> Burch. ex Ker Gawl.	Nordal & Zimudzi: 14 (2001).
<i>oligophylla</i> Baker		Insufficiently known.
<i>oligotricha</i> Baker	H. colchicifolia Baker	Burt: 202 (1986)
<i>olivacea</i> Engl., nom. nud.		Insufficiently known.
<i>orbiculata</i> Nel	<i>H. subspicata</i> Pax	Lebrun & Stork: 106 (1995).
	<i>H. villosa</i> L.f.	Zimudzi: 17 (1996).
	H. polystachya Welw. ex Baker	Nordal & Zimudzi: 14 (2001).
	Spiloxene ovata (L.f.) Garside	Garside: 268 (1936); Snijman: 110 (2000).
<i>ovata</i> L.f.	H. sobolifera L.f. var. pannosa (Baker) Baker	Baker: 114 (1878b).
<i>pannosa</i> Baker	<i>H. dinteri</i> Nel	Merxmüller: 2 (1969).
<i>parviflora</i> Dinter ex Sölch, nom. nud.	H. argentea Harv. ex Baker var. sericea Baker	Singh in prep.
	H. hemerocallidea Fisch., C.A.Mey. & Avé-Lall.	Singh in prep.
<i>patula</i> Nel	<i>H. stellata</i> L. var. <i>elegans</i> (Andrews) Baker = * <i>Spiloxene capensis</i> (L.) Garside	Baker: 101 (1878b)
<i>pavonina</i> Salisb.		
<i>pedicellata</i> Nel ex De Wild.	<i>H. subspicata</i> Pax	Lebrun & Stork: 106 (1995).
	<i>H. villosa</i> L.f.	Zimudzi: 17 (1996).
	<i>H. polystachya</i> Welw. ex Baker	Nordal & Zimudzi: 14 (2001).
	H. hockii De Wild.	Wiland-Szymańska: 320 (2001).
<i>petitiana</i> A. Rich.	H. villosa L.f.	Baker: 113 (1878b).
	<i>H. villosa</i> complex	Nordal: 86 (1997).
<i>petitiana</i> A. Rich. forma <i>petitiana</i>	<i>H. villosa</i> complex	Nordal: 86 (1997).
	* <i>H. villosa</i> L.f.	
<i>petrosa</i> Nel	H. camerooniana Baker	Nordal & Iversen: 37 (1987).
<i>phoenicea</i> Nel, ined. name applied to specim. Wood 184 (K), nom. nud.	H. hemerocallidea Fisch., C.A.Mey. & Avé-Lall.	Singh in prep.
<i>platypetala</i> Baker	Rhodohypoxis baurii (Baker) Nel var. platypetala (Baker) Nel	Nel: 300 (1914).
<i>plicata</i> (Thunb.) L.f.	<i>Curculigo plicata</i> (Thunb.) Dryand.	Baker: 122 (1878b).
	Empodium plicatum (Thunb.) Garside	Hilliard & Burt: 313 (1973).
<i>plicata</i> Jacq. non (Thunb.) L.f.	<i>Curculigo veratrifolia</i> Baker	Baker: 123 (1878b).
	Empodium veratrifolium (Willd.) Thompson	Thompson: 163 (1972).
<i>pretoriensis</i> Goossens, ined. description attached to specim. Goossens 91 (K), nom. nud.	H. interjecta Nel	Heideman: 87 (1979); Singh in prep.
<i>probata</i> Nel	<i>H. obtusa</i> Burch. complex	Nordal et al. 28 (1985).
	H. nyasica Baker	Nordal & Zimudzi: 16 (2001).
<i>protusa</i> Nel	<i>H. obtusa</i> Burch. complex	Nordal et al.: 28 (1985).
	* <i>H. protrusa</i> Nel	
<i>pumila</i> Lam.	<i>H. minuta</i> (L.) L.f. = Spiloxene minuta (L.) Fourc.	Baker: 101 (1878b); Snijman: 109 (2000).
<i>pungwensis</i> Norl	<i>H. villosa</i> L.f.	Zimudzi: 17 (1996).
	H. galpinii Baker	Nordal & Zimudzi: 11 (2001).
<i>recurva</i> Hook. f.	<i>H. villosa</i> L.f. var. <i>recurva</i> (Hook. f.) Baker	Baker: 114 (1878b).
	H. camerooniana Baker	Nordal & Iversen: 37 (1987).
<i>retracta</i> Nel	<i>H. obtusa</i> Burch. complex	Nordal et al.: 28 (1985).
	H. nyasica Baker	Nordal & Zimudzi: 16 (2001).
<i>rigidula</i> Baker var. <i>hemerocallidea</i> (Fisch., C.A.Mey. & Avé-Lall.) Heideman based on <i>Junod 1445</i> (Z)	H. rigidula Baker var. rigidula	Singh in prep.

TABLE 1.—Synonyms in *Hypoxis* and reference to new combinations by various authors (cont.)

Taxon	Accepted or suggested name	Reference or comment
<i>rigidula</i> Baker var. <i>hemerocallidea</i> (Fisch., C.A.Mey. & Avé-Lall.) Heideman based on Cooper 3242 (BM)	H. hemerocallidea Fisch., C.A.Mey. & Avé-Lall.	Singh in prep.
<i>rigidula</i> Baker var. <i>pilosissima</i> Baker	<i>H. rigidula</i> Baker H. rigidula Baker var. pilosissima Baker	Zimudzi: 16 (1996). Singh in prep.
<i>robusta</i> Nel	<i>H. subspicata</i> Pax H. robusta Nel	Lebrun & Stork: 106 (1995). Wiland-Szymańska: 337 (2001).
<i>rooperii</i> T.Moore as <i>rooperi</i>	H. hemerocallidea Fisch., C.A.Mey. & Avé-Lall.	Burt: 202 (1986); Nordal & Zimudzi: 12 (2001).
<i>rooperii</i> T.Moore var. <i>forbesii</i> Baker	H. hemerocallidea Fisch., C.A.Mey. & Avé-Lall.	Burt: 204 (1986); Singh in prep.
<i>rubella</i> Baker	Rhodohypoxis rubella (Baker) Nel	Nel: 300 (1914).
<i>rubiginosa</i> Nel	H. goetzei Harms	Nordal et al.: 25 (1985); Lebrun & Stork: 106 (1995); Zimudzi: 14 (1996); Nordal & Zimudzi: 8 (2001); Wiland-Szymańska: 319 (2001).
<i>scabra</i> Lodd.	<i>H. villosa</i> L.f. var. <i>scabra</i> (Lodd.) Baker H. villosa L.f.	Baker: 114 (1878b). Singh in prep.
<i>schlechteri</i> Bolus	Spiloxene schlechteri (Bolus) Garside	Garside: 269 (1936); Snijman: 110 (2000).
<i>schnitzleinia</i> Hochst.	Xerophyta Xerophyta schnitzleini (Hochst.) Baker	Baker: 126 (1878b). Cufodontis: 1580 (1972).
<i>schweinfurthiana</i> Nel	<i>H. villosa</i> L.f. var. <i>sobolifera</i> (Jacq.) Baker <i>H. villosa</i> complex H. sobolifera Jacq. var. sobolifera (Jacq.) Nel	Cufodontis: 1580 (1972). Nordal: 86 (1997). Nel: 339 (1914).
<i>scullyi</i> Baker	Spiloxene scullyi (Baker) Garside	Garside: 268 (1936); Snijman: 110 (2000).
<i>sericea</i> Baker	H. argentea Baker var. sericea Baker	Baker: 182 (1896).
<i>sericea</i> Baker var. <i>dregei</i> Baker, pro parte quoad specim. Cooper 1811 (TCD).	<i>H. argentea</i> Baker var. <i>sericea</i> Baker <i>H. dregei</i> (Baker) Nel H. filiformis Baker	Baker: 182 (1896). Burt: 188 (1988). Nordal & Zimudzi: 10 (2001).
<i>sericea</i> Baker var. <i>dregei</i> Baker, pro parte quoad specim. Drège 8525 (K)	H. argentea Baker var. sericea Baker	Baker: 182 (1896).
<i>sericea</i> Baker var. <i>flaccida</i> Baker	<i>H. argentea</i> Baker var. <i>flaccida</i> Baker H. argentea Baker var. sericea Baker	Baker: 182 (1896). Wood.: 80 (1976); Singh in prep.
<i>serrata</i> (Thunb.) L.f.	Spiloxene serrata (Thunb.) Garside	Garside: 268 (1936); Snijman: 110 (2000).
<i>serrata</i> (Thunb.) L.f. var. β Ker Gawl.	<i>H. stellata</i> (Thunb.) L.f. var. <i>linearis</i> (Andrews) Baker = Spiloxene linearis (Andr.) Garside	Baker: 101 (1878b); Garside: 268 (1936).
<i>setosa</i> Baker	H. zeyheri Baker	Singh in prep.
<i>simensis</i> Hochst.	H. villosa L.f.	Richard: 314 (1851); Baker: 113 (1878b); Cufodontis: 1580 (1972). Nordal: 86 (1997).
<i>sobolifera</i> Jacq.	<i>H. villosa</i> complex <i>H. villosa</i> L.f. var. <i>sobolifera</i> (Jacq.) Baker <i>H. villosa</i> complex H. sobolifera Jacq.	Nordal: 86 (1997). Baker: 114 (1878b); Cufodontis: 1580 (1972). Baker 6: 184 (1896); Nordal: 86 (1997). Singh in prep.
<i>sobolifera</i> Jacq. var. <i>accedens</i> Nel	H. sobolifera Jacq. var. sobolifera (Jacq.) Nel	Wood: 97 (1976); Singh in prep.
<i>spathacea</i> Eckl. (1827), nom. nud.		Nordenstam: 294 (1972); insufficiently known.
<i>sp.</i> A Guillardmod (1971), based on specim. Compton 21365		Insufficiently known.
<i>sp.</i> A of Nordal et al. (1985), pro parte quoad Bullock 2045	H. bampsiana Wiland	Nordal & Zimudzi: 8 (2001).
<i>sp.</i> A of Nordal et al. (1985), pro parte quoad Davies 742	H. subspicata Pax	Nordal & Zimudzi: 7 (2001).
<i>stellata</i> (Thunb.) L.f.	<i>Spiloxene stellata</i> (L.f.) Salisb. = * <i>S. capensis</i> (L.) Garside	Fourcade: 76 (1934); Garside: 267 (1936).
<i>stellata</i> (Thunb.) L.f. var. α Thunb.	<i>H. stellata</i> (Thunb.) L.f. var. <i>albiflora</i> Baker = * <i>S. capensis</i> (L.) Garside	Baker: 101 (1878b).
<i>stellata</i> (Thunb.) L.f. var. β Thunb.	<i>H. stellata</i> (Thunb.) L.f. var. <i>linearis</i> (Andrews) Baker = Spiloxene linearis (Andrews) Garside	Baker: 101 (1878b); Garside: 268 (1936).
<i>stellata</i> L.f. var. ? <i>elegans</i> (Andrews) Baker	<i>H. stellata</i> L.f. var. <i>elegans</i> (Andrews) Baker = * <i>Spiloxene capensis</i> (L.) Garside	Garside: 269 (1936).
<i>stellata</i> L.f. var. <i>gawleri</i> Baker	* <i>Spiloxene capensis</i> (L.) Garside	Garside: 269 (1936).
<i>stricta</i> Nel	H. galpinii Baker	Zimudzi: 16 (1996); Nordal & Zimudzi: 11 (2001).
<i>suffruticosa</i> Nel	<i>H. recurva</i> Hook.f. * <i>H. suffruticosa</i> Nel	Hepper: 172 (1968).
<i>tabularis</i> Eckl. (1827), nom. nud.	<i>H. stellata</i> L. var. <i>linearis</i> Andrews = Spiloxene schlechteri (Bolus) Garside	Baker: 101 (1878b), 176 (1896); Nordenstam: 294 (1972).
<i>tenuifolia</i> Eckl. (1827), nom. nud.	Spiloxene capensis (L.) Garside	Nordenstam: 294 (1972).
<i>textilis</i> Nel	<i>H. villosa</i> complex * H. villosa L.f.	Nordal: 87 (1997).
<i>thorbeckei</i> Nel	<i>H. recurva</i> Hook.f. H. camerooniana Baker	Hepper: 172 (1968). Nordal & Iversen: 38 (1987).
<i>tomentosa</i> Lam.	H. villosa L.f.	Baker: 113 (1878b); Cufodontis: 1580 (1972).

TABLE 1.—Synonyms in *Hypoxis* and reference to new combinations by various authors (cont.)

Taxon	Accepted or suggested name	Reference or comment
<i>triandra</i> Pappe, MS.	<i>Pauridia hypoxidoides</i> Harv. = Pauridia minuta (L.f.) T.Durand & Schinz	Baker: 126 (1878b); Thompson: 621 (1979).
<i>tridentata</i> DC.	<i>H. stellata</i> (Thunb.) L.f. var. <i>elegans</i> (Andrews) Baker = Spiloxene	Baker: 101 (1878b).
<i>triflora</i> Harv., MS.	<i>H. minuta</i> L.f. = Spiloxene minuta (L.) Fourc.	Baker: 102 (1878b).
<i>trifurcillata</i> (Nel) Geerinck	Spiloxene trifurcillata (Nel) Fourc.	Fourcade: 76 (1934); Snijman: 109 (2000).
<i>tristycha</i> Cufod.	<i>H. villosa</i> complex * <i>H. villosa</i> L.f.	Nordal: 87 (1997).
<i>truncata</i> Thunb. ex Schult.	<i>Pauridia hypoxidoides</i> Harv. as <i>hypoxidoides</i> = Pauridia minuta (L.f.) T.Durand & Schinz	Baker: 126 (1878); Thompson: 621 (1979).
<i>turbinata</i> Nel	<i>H. villosa</i> L.f. H. goetzei Harms	Zimudzi: 17 (1996). Nordal & Zimudzi: 8 (2001).
<i>tysonii</i> Schönland ex Bruce-Miller, ined. name applied to specim. <i>Tyson s.n.</i> May 1916 (PRE), nom. nud.	H. villosa L.f.	Singh in prep.
<i>umbraticola</i> Schltr.	Spiloxene umbraticola (Schltr.) Garside	Garside: 269 (1936); Snijman: 109 (2000).
<i>urceolata</i> auct. non Nel	H. suffruticosa Nel	Nordal & Iversen: 37 (1987); Lebrun & Stork: 106 (1995).
<i>urceolata</i> Nel	<i>H. obtusa</i> Burch. complex	Nordal et al.: 28 (1985).
<i>veratrifolium</i> Willd.	<i>Curculigo veratrifolia</i> (Willd.) Baker = Empodium veratrifolium (Willd.) Thompson	Baker: 123 (1878b); Thompson: 163 (1972).
<i>villosa</i> auct. non L.f.	H. schimperii Baker	Cufodontis: 1578 (1971).
<i>villosa</i> auct. non L.f. 'var. <i>foliis recurvis</i> ' Hook.f.	<i>H. recurva</i> Hook.f. H. camerooniana Baker	Hepper: 172 (1968). Nordal & Iversen: 38 (1987).
<i>villosa</i> complex	partly H. polystachya Welw. ex Baker and partly H. rigidula Baker	Nordal & Zimudzi: 14 (2001).
<i>villosa</i> Jacq. non Thunb., non L.f.	<i>H. jacquini</i> Baker as <i>Jacquini</i> * <i>H. villosa</i> L.f.	Baker: 112 (1878b). Insufficiently known.
<i>villosa</i> L.f. var. δ Thunb. ex Baker	<i>H. longifolia</i> Baker ex Hook.f. var. <i>thunbergii</i> Baker H. longifolia Baker ex Hook.f.	Baker: 116 (1878b). Singh in prep.
<i>villosa</i> L.f. var. <i>canescens</i> (Fisch.) Baker	H. sobolifera Jacq. var. <i>sobolifera</i> (Jacq.) Nel	Singh in prep.
<i>villosa</i> L.f. var. <i>fimbriata</i> Nel	H. villosa L.f.	Singh in prep.
<i>villosa</i> L.f. var. <i>obliqua</i> (Jacq.) Baker	H. obliqua Jacq.	Singh in prep.
<i>villosa</i> L.f. var. <i>obtusa</i> (Burch. ex Ker Gawl.) T.Durand & Schinz	H. obtusa Burch. ex Ker Gawl.	Cufodontis: 1578 (1971); Singh in prep.
<i>villosa</i> L.f. var. <i>pannosa</i> (Baker) Nel	H. sobolifera Jacq. var. <i>pannosa</i> (Baker) Nel	Nel: 309 (1914).
<i>villosa</i> L.f. var. <i>recurva</i> (Hook.f.) Baker	<i>H. recurva</i> Hook.f. H. camerooniana Baker	Nel: 325 (1914). Nordal & Iversen: 38 (1987).
<i>villosa</i> L.f. var. <i>scabra</i> (Lodd.) Baker	H. villosa L.f.	Singh in prep.
<i>villosa</i> L.f. var. <i>schweinfurthii</i> Harms	<i>H. villosa</i> L.f. var. <i>sobolifera</i> = H. sobolifera Jacq. var. <i>sobolifera</i> (Jacq.) Nel	Cufodontis: 1580 (1972); Nel: 309 (1914).
<i>villosa</i> L.f. var. <i>sobolifera</i> (Jacq.) Baker	<i>H. villosa</i> complex H. sobolifera Jacq. var. <i>sobolifera</i> (Jacq.) Nel	Nordal: 86 (1997). Nel: 309 (1914).
<i>villosa</i> sensu Baker (1898), partly not of L.f.	<i>H. recurva</i> Hook.f.	Hepper: 172 (1968)
<i>villosa</i> sensu Eyles, quoad specim. <i>Gibbs 192</i>	H. obtusa Burch. ex Ker Gawl.	Nordal & Zimudzi: 13 (2001).
<i>villosa</i> sensu Zimudzi	H. obtusa Burch. ex Ker Gawl. H. nyasica Baker	Nordal & Zimudzi: 14 (2001). Nordal & Zimudzi: 16 (2001).
<i>volkensii</i> Harms ex Engl., nom. nud.	H. villosa L.f.	Cufodontis: 1579 (1972).
<i>volkmanniae</i> Dinter	H. rigidula Baker	Sölch: 2 (1960). Zimudzi: 17 (1996).
<i>woodii</i> Baker	<i>H. villosa</i> L.f. <i>H. obliqua</i> Jacq. var. <i>woodii</i> (Baker) Nel	Nel: 309 (1914).
<i>zernyi</i> G.M. Schulze	H. angustifolia Lam. var. <i>buchananii</i> Baker	Wood: 88 (1976); Singh in prep.
<i>zuluensis</i> S.E. Wood, ined. name applied to specim. <i>Gerstner 4936</i> (PRE)	<i>H. obtusa</i> Burch. complex <i>H. zuluensis</i> S.E. Wood = H. longifolia Baker ex Hook.f.	Nordal et al.: 28 (1985). Singh in prep.
<i>zuluensis</i> S.E. Wood, ined. MS., nom. nud.	H. longifolia Baker ex Hook.f.	Singh in prep.

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