

New taxa, new records and name changes for southern African plants

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ABSTRACT

Alterations to the inventory of about 24 000 species and infraspecific taxa of bryophytes and vascular plants in southern Africa are reported for the year 1987. The inventory, as presently maintained in the Taxon component of the PRECIS system, contains the accepted name for each taxon, synonyms previously in use as accepted names during the past half-century, and literature references necessary to identify species in each genus and to establish the synonymy. The inventory is updated as new research affecting plant classification in southern Africa is published. During 1987 there were 678 alterations, representing about 2,8% of the total number of taxa.

UITTREKSEL

Daar word vir die jaar 1987 verslag gedoen van veranderinge aan die lys van ongeveer 24 000 spesies en infra-spesifieke taksons van mosse en vaatplante in suidelike Afrika. Die lys, soos dit tans in die Takson-komponent van die PRECIS-stelsel in stand gehou word, bevat die aanvaarde naam van elke takson, sinonieme voorheen in gebruik as aanvaarde name gedurende die afgelope halfeeu, en literatuurverwysings wat nodig is om spesies in elke genus te identifiseer en om sinonimie vas te stel. Die lys word bygewerk soos nuwe navorsing wat plant-klassifikasie in suidelike Afrika raak, gepubliseer word. Gedurende 1987 was daar 678 veranderinge wat ongeveer 2,8% van die totale aantal taksons verteenwoordig.

INTRODUCTION

This is the fourth in this series that reports annual alterations to the complete inventory of southern African plants maintained in the Taxon component of the computer system PRECIS. Previous annual lists of changes were published in *Bothalia* 15: 751–759 (1985), 16: 109–118 and 17: 269–275. The format continues to be that of the *List of species of southern African plants*, edn 2, parts 1 & 2 (Gibbs Russell *et al.* 1985, 1987). The complete and up-to-date listing of names, literature and useful synonyms for all the 24 000 southern African plants is continuously maintained in the Taxon component of PRECIS, and the plant identification service of the Botanical Research Institute uses the names as currently recorded. The Institute can supply PRECIS listings of the most recent species treatment for any family or genus. In addition, beginning this year, the data files for the alterations reported in this paper are also available on floppy disk.

This is the first year since 1985 in which alterations for all plants have been included. In 1986 and 1987, while the literature and synonyms for dicotyledons were being completed, only cryptogams and monocots could be covered in these annual lists.

Reported alterations for 1987 include 130 newly described species or infraspecific taxa, 85 names brought back into use, and 15 species newly reported for southern Africa, resulting in 230 additions to the total list of species and infraspecific taxa. Six species were removed because they were mistakenly recorded from southern

Africa, 172 names have gone into synonymy, and there are 51 new combinations and 27 orthographic corrections. New literature references have been added for 20 genera in which no changes were caused, or for which no proposed changes were accepted. The total of 678 alterations to the *List of species* affects about 2,8% of the southern African flora. The total number of alterations since Taxon-PRECIS began to record synonyms in 1984 is 1 863 (7,8% of the flora).

Over 120 journals are routinely scanned for relevant papers, and the above changes were reported in 150 articles and books.

The large number of changes exceeds the estimate of about 500 alterations per year predicted from the monocotyledons alone. Each alteration represents progress in our understanding of the relationships in the flora, yet each change is expensive in terms of publications that must be purchased and the expert manpower necessary to find, evaluate, record and implement these changes in herbaria, computer systems and manuscripts. Our small taxonomic community can ill afford the time spent on these activities, at the expense of research. The large number of changes emphasizes the desperate need for a code of nomenclature that will allow greater stability in plant nomenclature.

Besides these routine changes, extensions to Taxon-PRECIS during the past year include the production of an index to the 2 000 plates in the first 49 volumes of *Flowering Plants of Africa* with the currently accepted name and synonyms for each plate. In addition, prototypes are being developed for the expansion of the system to hold additional information for each species, such as distribution, life form, habitat, conservation status and importance to man.

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Spermatophyte families and genera follow the order and numbering of the Englerian classification system, as given by Dyer (1975, 1976), with the exception of Poaceae, which follows an unpublished system of generic numbering. Bryophytes follow Crosby & Magill (1981) and Grolle (1983). Pteridophytes follow Schelpe & Anthony (1986). Species are listed in alphabetical order: a name in current use appears in capital letters with its PRECIS number; synonyms appear in lower case letters, and each synonym is entered twice, once indented below the name for which it is a synonym and once in its alphabetical place in the genus. New collection records are indicated by quoting a specimen and its locality. Naturalized taxa are shown by an asterisk following the name.

Each contributor is acknowledged at the beginning of the groups for which he is responsible. Although staff members of the BRI have final responsibility for maintaining Taxon-PRECIS, we acknowledge with gratitude co-operation of other botanists in reporting changes. Mrs B.C. de Wet wrote a number of computer programs to aid data entry and checking and Mrs J. Mulvenna slaved over a hot terminal to add all the changes to PRECIS. Both have helped immeasurably in catching and eliminating inconsistencies.

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BRYOPHYTA	Contributed by J. van Rooy		BRYACEAE (24)	1506
	HEPATICAE	1000	1508 -BRYUM HEDW.	
OXYMITRACEAE (H7)		1011	2. MAGILL. 1987. FSA.	
1011	-OXYMITRA BISCH.		B. radiale Rehm. ex Dix. = B. TURBINATUM	
	(Note change in genus number)		B. TURBINATUM (HEDW.) TURN.	
			(=B. radiale Rehm. ex Dix.) 2	
SCHISTOCHILACEAE		1121	BARTRAMIACEAE (37)	1581
1121	-SCHISTOCHILA DUM.		1581 -BARTRAMIA HEDW.	
	(Note spelling correction)		1. MAGILL. 1987. FSA.	
	MUSCI	1301	B. afrostricta C. Muell. = ANACOLIA BREUTELII	
DITRICHACEAE (5)		1331	B. COMPACTA HOPNSCH. VAR. MACOWANIANA (C. MUELL.) MAGILL	
1338	-ASTOMIOPSIS C. MUELL.		B. squarriifolia Sim = ANACOLIA BREUTELII	
100	A. AMBLYOCALYX C. MUELL.		1583 -BREUTELIA (B.S.G.) SCHIMP.	
1339	-CHEILOTHELA LIMDB.		1. MAGILL. 1987. FSA.	
100	C. CHILENSIS (MONT.) BROTH.		B. afroscoparia (C. Muell.) Par. = B. SUBSTRICTA	
DICRANACEAE (8)		1356	B. breutelii (C. Muell.) Broth. = ANACOLIA BREUTELII	
1371	-AONGSTROEMIOPSIS FLEISCH.		B. ELLIPTICA MAGILL	
100	A. JULACEA (DOZ. & MOLK.) FLEISCH.		B. SUBSTRICTA (C. MUELL.) MAGILL	
			(=B. afroscoparia (C. Muell.) Par.) 1	
GRIMMIACEAE (15)		1441	1584 -PHILONOTIS BRID.	
1443	-LEUCOPERICHAETIUM MAGILL		1. MAGILL. 1987. FSA.	
	(Note spelling correction)		P. afrofontana (C. Muell.) Par. var. breviseta (C. Muell.) Par. = BREUTELIA SUBSTRICTA	
EPHEMERACEAE (15)		1461	1585 -ANACOLIA SCHIMP.	
1461	-EPHEMERUM HAMPE		1. MAGILL. 1987. FSA.	
200	E. NAMAQUENSE MAGILL		A. BREUTELII (C. MUELL.) MAGILL VAR. BREUTELII (=Bartramia afrostricta C. Muell.) 1 (=Breutelia breutelii (C. Muell.) Broth.) 1	
FUNARIACEAE (19)		1466	200 A. BREUTELII (C. MUELL.) MAGILL VAR. SQUARRIFOLIA (SIM) MAGILL (=Bartramia squarriifolia Sim) 1	
1467	-FUNARIA HEDW.		1588 -QUATHLAMBIA MAGILL	
75	F. CLAVATA (MITT.) MAGILL		1. MAGILL. 1987. FSA.	
450	F. HARVEYANA MAGILL = F. SUCCULEATA		100 Q. DEBILICOSTATA MAGILL	
	F. SUCCULEATA (WAGER & WRIGHT) MAGILL (=F. harveyana Magill) 1			
1471	-PHYSCOMITRIUM (BRID.) BRID.		RHACHITHECIACEAE (40A)	1606
300	P. SPATHULATUM (HOPNSCH.) C. MUELL. VAR. SESSILE (SHAW) MAGILL		1606 -RHACHITHECIUM BROTH. EX LE'JOL.	
			(Note spelling correction)	
			ORTHOTRICHACEAE (42)	1616
			1616 -AMPHIDIUM SCHIMP.	
			1. MAGILL & VAN ROOY. MS. FSA.	

- 100 A. cyathicarpum (Mont.) Broth. = A. TORTUOSUM 9901043 -PSEUDOBRACHIARIA LAUNERT
 200 A. LAPPONICUM (HEDW.) SCHIMP. 3. CLAYTON & RENVOIZE. 1986. GEN. GRAM.
 A. TORTUOSUM (HORNSCH.) ROBINS. 4. WEBSTER. 1987. AUSTR. PANICEAE.
 (=A. cyathicarpum (Mont.) Broth.) 1 Treatment of this genus in Brachiaria by Clayton and in Urochloa by Webster shows the unsatisfactory state of generic delimitation in Paniceae.
- 1619 -ORTHOTRICHUM HEDW.
 O. mirum Lewinsky = STONEOBRYUM MIRUM
- 1623 -CARDOTIELLA VITT 9901100 -UROCHLOA BEAUV.
 1. VITT. 1981. J. HATTORI BOT. LAB. 49: 101. 3. WEBSTER. 1987. AUSTR. PANICEAE.
 100 C. SECUNDA (C. MUELL.) VITT Several African species currently treated in Panicum and Brachiaria were transferred to Urochloa by Webster. Study of all our species will be required before these isolated changes can be adopted.
- 1624 -STONEOBRYUM MORRIS & ROBINS.
 1. MORRIS & ROBINS. 1981. BRYOLOGIST 84: 96.
 100 S. MIRUM (LEWINSKY) MORRIS & ROBINS. (=Orthotrichum mirum Lewinsky) 1
- LEUCODONTACEAE (49) 1686 9901142 -ORYZIDIUM C.E. HUBB. & SCHWEICK.
 (Note author change for genus)
- 1687 -LEUCODON SCHWAEGR.
 2. MAGILL & VAN ROOY. MS. FSA. 9901160 -PANICUM L.
 50 L. ASSIMILIS (C. MUELL.) JAEG. 4. WEBSTER. 1987. AUSTR. PANICEAE.
 (=L. capensis Schimp. in Ren.) 2
 L. capensis Schimp. in Ren. = L. ASSIMILIS 9901330 -TRICHOLAENA SCHULT.
 (Note author change for genus)
- METEORACEAE (58) 1741 9901600 -EHPHARTA THUNB.
 2. GIBBS RUSSELL. 1984. BOTHALIA 15: 145 & 149.
 3. GIBBS RUSSELL. 1987. BOTHALIA 17: 191-194.
 1745 -SQUAMIDIUM (C. MUELL.) BROTH. 2650 E. STIPOIDES LABILL. *
 2. MAGILL & VAN ROOY. MS. FSA. Australasian species collected in Natal. 2930 (Pietermaritzburg) Karkloof, wattle plantation (-AD), T. Collins, Nov. 1970 (NH).
 50 S. biforme (Hampe) Broth. = S. BRASILIENSE
 S. BRASILIENSE (HORNSCH.) BROTH. (=S. biforme (Hampe) Broth.) 2
 (=S. rehmannii (C. Muell.) Broth.) 2
 S. rehmannii (C. Muell.) Broth. = S. BRASILIENSE
- NECKERACEAE (60) 1756 2750 E. THUNBERGII GIBBS RUSSELL
 (=E. virgata Launert) 3
 E. virgata Launert = E. THUNBERGII
- HOOKERIACEAE (65) 1781 9902035 -CENTROPODIA REICHB.
 (Note correction in genus number)
- 1781 -CALLICOSTELLA (C. MUELL.) MITT. Southern African species moved to SCHIZOMITRIUM
 C. applanata Broth. & Bryhn = SCHIZOMITRIUM TRISTE
 C. tristis (C. Muell.) Broth. = SCHIZOMITRIUM TRISTE 9902043 -MERXMUELLERA CONERT
 3. CLAYTON & RENVOIZE. 1986. GEN. GRAM.
 Inclusion of this genus in Rytidosperra is not yet accepted pending study of generic limits with Pentaschistis.
- 1785 -DISTICHOPHYLLUM DOZ. & MOLK. 9902044 -KARROOCHLOA CONERT & TUERPE
 2. MAGILL & VAN ROOY. MS. FSA. 3. CLAYTON & RENVOIZE. 1986. GEN. GRAM.
 Inclusion of this genus in Rytidosperra is not yet accepted pending study of generic limits.
 200 D. MNIIFOLIUM (HORNSCH.) SIM VAR. MNIIFOLIUM
 300 D. MNIIFOLIUM (HORNSCH.) SIM VAR. TAYLORII (SIM) MAGILL
 (=D. taylorii Sim) 1
 D. taylorii Sim = D. MNIIFOLIUM VAR. TAYLORII 9902611 -STIPAGROSTIS NEES
 (Note correction in genus number)
- 1792 -SCHIZOMITRIUM B.S.G. 9902630 -STIPA L.
 1. MAGILL & VAN ROOY. MS. FSA. Stipa trichotoma Nees = NASELLA TRICHOTOMA
 100 S. TRISTE (C. MUELL.) OCHYRA 9902631 NASELLA DESV.
 (=Callicostella applanata Broth. & Bryhn.) 1
 (=Callicostella tristis (C. Muell.) Broth.) 1 100 1. CARO. 1966. KURTZIANA 3: 79.
 2. CLAYTON & RENVOIZE. 1986. GEN. GRAM.
 N. TRICHOTOMA (NEES) HACK. EX ARECH.
 (=Stipa trichotoma Nees) 2
- THUIDIACEAE (72) 1826 9902970 -BRACHYACHNE (BENTH.) STAFF
 (Note author change for genus)
- 1832 -LEPTOTEPIGYNANDRUM C. MUELL. 9903330 -LEPTOCHLOA BEAUV.
 1. MAGILL. 1987. J. BRYOL. 14: 528. 3. CLAYTON & RENVOIZE. 1986. GEN. GRAM.
 This reference now includes Diplachne as a section of Leptochloa.
 100 L. AUSTRALPINUM C. MUELL.
- ANGIOSPERMAE 9903430 -LEPTOCARYDION STAFF
 (Note author change for genus)
- MONOCOTYLEDONAE Contributed by C. Reid 9903450 -DIPLACHNE BEAUV.
 5. PHILLIPS. 1982. KEW BULL. 37: 133.
 6. CLAYTON & RENVOIZE. 1986. GEN. GRAM.
 This genus is retained because it is still recognized at sectional level when included in Leptochloa.
- POACEAE Contributed by L. Fish 9900010 9903520 -LOPHACME STAFF
 (Note corrected spelling)
- 9900310 -POTTBOELLIA L.F. 9904000 -STIBURUS STAFF
 50 R. COCHINCHINENSIS (LOUR.) CLAYTON 3. CLAYTON & RENVOIZE. 1986. GEN. GRAM.
 (=R. exaltata L.F.) 1 Our species are retained in this genus and not transferred to Eragrostis.
 R. exaltata L.F. = R. COCHINCHINENSIS 9903990 -Lasiochloa Kunth = TRIBOLIUM
 (Note corrected author citation)
- 9900370 -IMPERATA CYR. (Note author change for genus)
- 9900490 -VETIVERIA BORY (Note author change for genus)
- 9900810 -DIHETEROPOGON (HACK.) STAFF 9904020 -Riagiochloa Adanson & Sprague = TRILOBIUM
 (Note corrected author citation)
- 9901040 -BRACHIARIA (TRIN.) GRISEB. 4. WEBSTER. 1987. AUSTR. PANICEAE.

- 9904040 -BRIZA L. 220 K. ALBOMONTANA BAIJNATH 5
 3. MATTHEI. 1975. WILDMONIA, 8: 79.
 4. CLAYTON & RENOIZE 1986. GEN. GRAM.
 300 B. SUBARISTATUM LAM. 550 K. BRUCEAE (CODD) CODD
 (=K. praecox Bak. subsp. bruceae Codd) 4
 (=Chascolytrum subaristatum (Lam.)
 Desv.) 4 3300 K. PRAECOX. BAK
 BRUCEAE
- 9904041 -Chascolytrum Desv. 1026000 -ALOE L.
 C. subaristatum (Lam.) Desv. = BRIZA
 SUBARISTATUM
 6. GLEN & HARDY. 1987. FLOWER. PL. AFR. 49.
 7. GLEN & HARDY. 1987. S. AFR. J. BOT. 52:
 489.
- 9904150 -PUCCINELLIA PARL. A. barbertoniae Pole Evans = A. GREATHEADII
 100 P. ACROXANTHA C.A. SMITH & C.E. HUBB. VAR. DAVYANA
 200 P. ANGUSTA (NEES) C.A. SMITH & C.E. HUBB. 3000 A. CHORTOLIPIOIDES VAR. CHORTOLIPIOIDES BERGER
 3050 A. CHORTOLIPIOIDES BERGER VAR. WOOLLIANA (POLE
 EVANS) GLEN & HARDY
 (=A. woolliana Pole Evans) 7
- 9904250 -Pseudobromus K. Schum. = FESTUCA 3700 A. COOPERI BAK. SUBSP. COOPERI
 (Note corrected author citation) 3720 A. COOPERI BAK. SUBSP. PULCHRA GLEN & HARDY
 A. davyana Schoml. var. davyana = A.
 GREATHEADII VAR. DAVYANA
 A. davyana Schoml. var. subolifera Groenewald =
 A. GREATHEADII VAR. DAVYANA
- CYPERACEAE 452000
- 0459000 -CYPERUS L. 5550 A. FOUPIEI HARDY & GLEN
 2950 C. INVOLUCRATUS ROTTB. A. graciliflora Groenewald = A. GREATHEADII
 Tropical African species collected in VAR. DAVYANA
 Natal. 2732 (Sordwana Bay) (-AB), Van
 Wyk 948; Kluge 2640. 6550 A. GREATHEADII SCHONL. VAR. DAVYANA (SCHONL.)
 GLEN & HARDY
 (=A. barbertoniae Pole Evans) 7
 (=A. davyana Schoml. var. davyana) #
 (=A. davyana Schoml. var. subolifera
 Groenewald) #
 (=A. graciliflora Groenewald) 7
 (=A. longibracteata Pole Evans) 7
 (=A. mutans Reynolds) 7
 (=A. verdoorniae Reynolds) 7
- 0459010 -PYCREUS BEAUV. 6600 A. GREATHEADII SCHONL. VAR. GREATHEADII
 1300 P. MUNDII NEES 6850 A. HARDYI GLEN
 (Note orthographic change)
- 046500 -FICINIA SCHRAD. A. karasbergensis Pillans = A. STRIATA SUBSP.
 4250 F. PETROPHILA ARNOLD & GORDON-GRAY KARASBERGENSIS
 (Note orthographic correction)
- 0467000 -FUIRENA ROTTB. A. komaggasensis Kritzingen & v. Jaarsveld =
 5. FORBES. 1987. S. AFR. J. BOT. 53: 185. A. STRIATA SUBSP. KOMAGGASENSIS
 A. longibracteata Pole Evans = A. GREATHEADII
 VAR. DAVYANA
- ERIOCAULACEAE 828000 9720 A. MARLOTHII BERGER SUBSP. ORIENTALIS GLEN &
 HARDY
 A. mutans Reynolds = A. GREATHEADII VAR.
 DAVYANA
- LILIACEAE 942000 14070 A. STRIATA HAW. SUBSP. KARASBERGENSIS (PILLANS)
 GLEN & HARDY
 (=A. karasbergensis Pillans) 7
- 0984000 -BULBINELLA KUNTH 14090 A. STRIATA HAW. SUBSP. KOMAGGASENSIS
 3. PERRY. 1987. S. AFR. J. BOT. 53: 431. (KRITZINGER & V. JAARSVELD)
 GLEN & HARDY
 (=A. komaggasensis Kritzingen & v.
 Jaarsveld) 7
- 50 B. BARKEAE P.L. PERRY 14100 A. STRIATA HAW. SUBSP. STRIATA
 100 B. CAUDA-FELIS (L.F.) DUR. & SCHINZ A. verdoorniae Reynolds = A. GREATHEADII VAR.
 (=B. caudata (Thunb.) Kunth) 3 DAVYANA
 B. caudata (Thunb.) Kunth = B. CAUDA-FELIS
 B. CHARTACEA P.L. PERRY 160 B. URBURNIFLORA P.L. PERRY
 140 B. CILIOLATA KUNTH 170 B. ELATA P.L. PERRY
 150 B. DIVAGINATA P.L. PERRY 180 B. ELEGANS SCHLTR. EX P.L. PERRY
 160 B. URBURNIFLORA P.L. PERRY
 170 B. ELATA P.L. PERRY
 180 B. ELEGANS SCHLTR. EX P.L. PERRY
 200 B. floribunda (Ait.) Dur. & Schinz - exact
 application unknown
- 310 B. GRAMINIFOLIA P.L. PERRY 1027000 -GASTERIA DUVAL
 320 B. LATIFOLIA KUNTH VAR. DOLERITICA P.L. PERRY 2. V. JAARSVELD. 1987. CACT. & SUCC. JL
 330 B. LATIFOLIA KUNTH VAR. LATIFOLIA (U.S.) 59: 170.
 335 B. NANA P.L. PERRY 7050 G. VLOKII V. JAARSVELD
- 340 B. MUTANS (THUNB.) DUR. & SCHINZ VAR. MUTANS 1079000 -ALBUCA L.
 (=B. robusta Kunth) 3 6. HILLIARD & BURTT. 1984. NOTES ROY. BOT.
 (=B. setosa (Willd.) Dur. & Schinz) # GARD. EDINB. 42: 227.
 345 B. MUTANS (THUNB.) DUR. & SCHINZ VAR. 650 A. BATTENIANA HILLIARD & BURTT
 TURFOSICOLA P.L. PERRY 5020 A. RUPESTRIS HILLIARD & BURTT
 5050 A. SCHLECHTERI BAK.
 B. peronata Kunth = B. TRIQUETRA (Note change in species number)
 350 B. PUNCTULATA A. ZAHLBR. 6000 A. XANTHOCCODON HILLIARD & BURTT
 B. robusta Kunth = B. MUTANS VAR. MUTANS
 B. setifolia Kunth = B. TRIQUETRA
 B. setosa (Willd.) Dur. & Schinz = B. MUTANS
 VAR. MUTANS
- 370 B. TRINERVIS (BAK.) P.L. PERRY 1080000 -URGINEA STEINH.
 400 B. TRIQUETRA (L. F.) KUNTH 4. HILLIARD & BURTT. 1984. NOTES ROY. BOT.
 (=B. setifolia Kunth) 3 450 GARD. EDINB. 42: 227.
 (=B. peronata Kunth) 3 3150 U. CALCARATA (BAK.) HILLIARD & BURTT
 U. SANIENSIS HILLIARD & BURTT
- 0985000 -BULBINE WILLD. 1098000 -LACHENALIA JACQ. F. EX MURRAY
 5. V. JAARSVELD & BAIJNATH. 1987. S. AFR. J. 9. BARKER. 1987. S. AFR. J. BOT. 53: 166.
 BOT. 53: 424. 10. MULLER-DOBLIES ET AL. 1987. S. AFR. J.
 6. BAIJNATH. 1987. S. AFR. J. BOT. 53: 427. BOT. 53: 481.
 980 B. ESTERHUYSENIAE BAIJNATH 420 L. BARKERIANA U. MULLER-DOBLIES, B. NORD. & D.
 2820 B. STRIATA BAIJNATH & V. JAARPOVELD MULLEP-DOBLIES
- 0985010 -TRACHYANDRA KUNTH 1380 L. DEHOOPENSIS W.F. BARKER
 4750 T. SALTII (BAK.) OBERM. VAR. OATESII (BAK.) 2050 L. KLIPRANDENSIS W.F. BARKER
 OBERM. 2250 L. LEOMONTANA W.F. BARKER
 2420 L. MACGREGORIIOPUM W.F. BARKER
 (Note orthographic correction)
- 1012000 -ERIOSPERMUM JACQ. EX WILLD. 2710 L. MINIMA W.F. BARKER
 2970 L. NAMIBIENSIS W.F. BARKER
- 2220 8. PRE HERBARIUM PRACTICE, FOLLOWING PERRY 1113000 -ASPAGUS L.
 E. CORYMBOSUM BAK. 8 A. virgatus Bak. = PROTASPARAGUS VIRGATUS
- 1024000 -KNIPHOFIA MOENCH 1113010 -PROTASPARAGUS OBERM.
 4. CODD. 1987. BOTHALIA 17: 185. 4. OBERMEYER. 1987. FL. AUSTRALIA 46: 494.
 5. BAIJNATH. 1987. S. AFR. J. BOT. 53: 307.

- 6600 P. VIRGATUS (BAK.) OBERM.
(=Asparagus virgatus Bak.) 5
- AMARYLLIDACEAE 1166000
- 1191000 -CYRTANTHUS L. F.
3850 C. ROTUNDILOBUS N.E. BR.
- IRIDACEAE 1259000
- 1261000 -POMULEA MARATTI
2. DE VOS. 1987. S. AFP. J. BOT. 53: 247.
9350 R. UNIFOLIA DE VOS
- 1301000 -HESPERANTHA KER-GAWL.
B. GOLDBLATT. 1987. S. AFR. J. BOT. 53: 459.
730 H. ELSIAE GOLDBL.
(Note change in species number)
750 H. ERECTA (BAK.) BENTH. EX BAK.
(Note change in species number)
H. pilosa (L. f.) Ker-Gawl. subsp. latifolia
Goldbl. = H. PSEUDOPILOSA
- 2600 H. PILOSA (L.F.) KER-GAWL.
2620 H. PSEUDOPILOSA GOLDBL.
(=H. pilosa (L. f.) Ker-Gawl. subsp.
latifolia Goldbl.) 8
- 2950 H. TERETIFOLIA GOLDBL.
3050 H. TRUNCATULA GOLDBL.
3180 H. UMBRICALIS GOLDBL.
- ORCHIDACEAE 1389000
- 1422000 -HABENARIA WILLD.
PRE HERBARIUM PRACTICE, FOLLOWING
MANNING.
1380 H. FILICORNIS LINDL. #
2850 H. SUBAMPATA REICHB. F. #
- 1440000 -CORYCIUM SWARTZ
1000 C. OROBANCHOIDES (L. F.) SWARTZ
(Note author change)
- 1561000 -ACROLOPHIA PFITZER
3. SUMMERHAYES & HALL. 1962. TAXON 11: 201.
PPE HERBARIUM PRACTICE, FOLLOWING HALL.
170 A. CAPENSIS (BERG.) FOURC. VAR. LAMELLATA
(LINDL.) SCHELPE
(=Eulophia barbata (Thunb.) Spreng.) 3,
#
- 1648000 -EULOPHIA R. BR. EX LINDL.
PPE HERBARIUM PRACTICE, FOLLOWING HALL.
E. barbata (Thunb.) Spreng. = ACROLOPHIA
CAPENSIS VAR. LAMELLATA
E. barbata sensu H. Bol. non (Thunb.) Spreng. =
E. CLAVICORNIS VAR. MUTANS
800 E. CLAVICORNIS LINDL. VAR. MUTANS (SOND.) A.V.
HALL
(=E. barbata sensu H. Bol. non (Thunb.)
Spreng.) #
- DICOTYLEDONAE
- SALICACEAE Contributed by G. Germishuizen 1872000
and B.J. Pienaar
- 1873000 -SALIX L.
1. IMMELMAN. 1987. BOTHALIA 17,2: 171-177.
S. capensis Thunb. = S. MUCRONATA SUBSP.
CAPENSIS
S. hirsuta Thunb. = S. MUCRONATA SUBSP.
HIRSUTA
570 S. MUCRONATA THUNB. SUBSP. CAPENSIS (THUNB.)
IMMELMAN
(=S. capensis Thunb.) 1
590 S. MUCRONATA THUNB. SUBSP. HIRSUTA (THUNB.)
IMMELMAN
(=S. hirsuta Thunb.) 1
600 S. MUCRONATA THUNB. SUBSP. MUCRONATA
700 S. MUCRONATA THUNB. SUBSP. WILMSII (SEEMEN)
IMMELMAN
(=S. wilmsii Seemen) 1
800 S. MUCRONATA THUNB. SUBSP. WOODII (SEEMEN)
IMMELMAN
(=S. woodii Seemen) 1
S. wilmsii Seemen = S. MUCRONATA SUBSP.
WILMSII
S. woodii Seemen = S. MUCRONATA SUBSP. WOODII
- URTICACEAE Contributed by G. Germishuizen 1974000
and B.J. Pienaar
- 1974000 -URTICA L.
U. capensis L. f. = DIDYMODOKA CAPENSIS VAR.
CAPENSIS
- 1978000 -URERA GAUDICH.
3. FRIIS, IMMELMAN & WILMOT-DEAR. 1987.
NORD. J. BOT. 7: 125-126.
U. cameroonensis Wedd. = U. TRINERVIS
200 U. TRINERVIS (HOCHST. APUD KRAUSS) FRIIS &
IMMELMAN
(=U. cameroonensis Wedd.) 3
- 2013000 -DROQUETIA GAUDICH.
2. FRIIS, IMMELMAN & WILMOT-DEAR. 1987.
NORD. J. BOT. 7: 125-126.
D. burchellii N.E. Br. = D. INERS SUBSP.
BURCHELLII
150 D. INERS (FORSSK.) SCHWEINF. SUBSP. BURCHELLII
(N.E. BR.) FRIIS & WILMOT-DEAR
(=D. burchellii N.E. Br.) 2
175 D. INERS (FORSSK.) SCHWEINF. SUBSP. INERS
- 2014000 -AUSTRALINA GAUDICH.
A. integrifolia Wedd. = DIDYMODOKA CAPENSIS
VAR. INTEGRIFOLIA
- 2014010 -DIDYMODOKA WEDD.
2. FRIIS, IMMELMAN & WILMOT-DEAR. 1987.
NORD. J. BOT. 7: 125-126.
100 D. CAFFRA (THUNB.) FRIIS & WILMOT-DEAR
300 D. CAPENSIS (L. F.) FRIIS & WILMOT-DEAR VAR.
CAPENSIS
(=Urtica capensis L. f.) 2
400 D. CAPENSIS (L. F.) FRIIS & WILMOT-DEAR VAR.
INTEGRIFOLIA (WEDD.) FRIIS &
WILMOT-DEAR
(=Australina integrifolia Wedd.) 2
(=D. integrifolia (Wedd.) Wedd.) 2
D. integrifolia (Wedd.) Wedd. = D. CAPENSIS
VAR. INTEGRIFOLIA
- PROTEACEAE Contributed by C.M. van Wyk 2016000
- 2038000 -AULAX BERG.
1. ROURKE. 1987. S-AFR. TYDSKR. PLANTK.
53(6): 464.
- 2047000 -HAKEA SCHRAD.
2. BURTT. 1941. KEW BULL.: 33.
150 H. SALICIFOLIA (VENT.) BURTT
(=H. saligna Knight) 2
H. saligna Knight = H. SALICIFOLIA
- VISCACEAE Contributed by G. Germishuizen 2093000
- 2093000 -VISCUM L.
2. GILBERT, POLHILL & WIENS. 1985. NORD. J.
BOT. 5: 224.
V. nervosum Hochst. ex A. Rich. = V. TRIFLORUM
SUBSP. NERVOSUM
1950 V. TRIFLORUM DC. SUBSP. NERVOSUM (HOCHST. EX A.
RICH.) M. GILBERT
(=V. nervosum Hochst. ex A. Rich.) 2
- POLYGONACEAE Contributed by G. Germishuizen 2184000
- 2201000 -POLYGONUM L.
2. GERMISHUIZEN. 1986. BOTHALIA 16,2: 232.
P. senegalense Meisn. forma albotomentosum R.A.
Grah. = P. SENEGALENSE SUBSP.
ALBOTOMENTOSUM
2150 P. SENEGALENSE MEISN. SUBSP. ALBOTOMENTOSUM
(P.A. GRAH.) GERMISHUIZEN
(=P. senegalense Meisn. forma
albotomentosum R.A. Grah.) 2
2200 P. SENEGALENSE MEISN. SUBSP. SENEGALENSE
- 2204000 -OXYGONOM BURCH.
2. GERMISHUIZEN. 1987. BOTHALIA 17,1: 40-41.
3. GERMISHUIZEN. 1987. BOTHALIA 17,2: 185-
187.
100 O. ALATUM BURCH. VAR. ALATUM
150 O. ALATUM BURCH. VAR. LONGISQUAMATUM
GERMISHUIZEN
1050 O. ROBUSTUM GERMISHUIZEN
- CHENOPODIACEAE Contributed by G. Germishuizen 2214000
and B.J. Pienaar
- 2223000 -CHENOPODIUM L.
2. AELLEN. 1928. FEDDES REPRIMUM 24: 337-347.
1000 C. HEDERIFORME (MURR.) AELL. VAR. DENTATUM
AELL.
1050 C. HEDERIFORME (MURR.) AELL. VAR. UNDULATUM
AELL.
- 2229000 -ATRIPLEX L.
4. WILSON. 1984. FL. AUSTR. 4: 91-133.
370 A. HORTENSIS L.
470 A. LINDLEYI MOQ. SUBSP. QUADRIPARTITA P.G.
WILSON *
600 A. MUELLERI BENTH.
1270 A. SPONGIOSA F. MJELL. *

- AMARANTHACEAE Contributed by B.J. Pienaar 2289000
- 2299000 -AMARANTHUS L.
2. AELLEN. 1964. FL. EUPOP. 1: 109.
250 A. CAUDATUS L. *
- AIZOACEAE Contributed by B.J. Pienaar 2374000
- 2376000 -LIMEUM L.
5. FRIEDRICH. 1954. MITT. BOT. STAATSAM. MUNCHEN 11-20: 134-1654.
2800 L. VISCOSUM (GAY) FENZL SUBSP. TRANSVAALENSE FRIEDR.
- 2395000 -TRIANTHEMA L.
2. GONCALVES. 1978. FL. ZAM. 4: 517.
130 T. PORTULACASTRUM L.
150 T. SALSOLOIDES FENZL EX OLIV. VAR. SALSOLOIDES
160 T. SALSOLOIDES FENZL EX OLIV. VAR. STENOPHYLLA ADAMSON
175 T. SALSOLOIDES FENZL EX OLIV. VAR. TRANSVAALENSIS (SCHINZ) ADAMSON
- MESEMBRYANTHEMACEAE Contributed by G. Germishuizen 2405001 and B.J. Pienaar
- 2405036 -DINTERANTHUS SCHWANT.
#. PRE HERBARIUM PRACTICE, FOLLOWING KILLICK.
600 D. VANZYLI (L. BOL.) SCHWANT.
(=D. vanzylii (L. Bol.) Schwant. var. lineatus Jacobsen) 2
(=Lithops vanzylii L. Bol.) 1
D. vanzylii (L. Bol.) Schwant. var. lineatus Jacobsen = D. VANZYLI
(Note orthographic change for "vanzylii")
- 2405066 -LAMPRANTHUS N.E. BR.
2. GLEN. 1978. UNPUBL. PH.D. THESIS. UNIV. CAPE TOWN
L. caespitosus (L. Bol.) N.E. Br. var. caespitosus = L. TEGENS
L. caespitosus (L. Bol.) N.E. Br. var. luxurians (L. Bol.) Jacobsen = L. TENUIFOLIUS
5350 L. DELTOIDES (L.) WIJNHARDS
(Note author correction)
21300 L. TEGENS (F. MUELL.) N.E. BR.
(=L. caespitosus (L. Bol.) N.E. Br. var. caespitosus) 2
21400 L. TENUIFOLIUS (L.) SCHWANT.
(=L. caespitosus (L. Bol.) N.E. Br. var. luxurians (L. Bol.) Jacobsen) 2
- 2405069 -LITHOPS N.E. BR.
1. BOLUS. 1937. NOTES MESEM. 3: 75.
2. COLE. 1980. NAT. CACT. & SUCC. J. (U.K.) 35,3: 75.
6250 L. MENNELII L. BOL.
6550 L. NAURENIAE COLE
L. vanzylii L. Bol. = DINTERANTHUS VANZYLI
- 2405073 -MESEMBRYANTHEMUM L.
**. PRE HERBARIUM PRACTICE, FOLLOWING BITTRICH & DEHN (HAMBURG)
50 M. AGINOSUM L. BOL.
450 M. ALKALIFUSUM DINT.
1505 M. FASTIGIATUM THUNB.
2950 M. LONGISTYLUM DC.
3975 M. PINGUE L.
4150 M. PUSILLUM HERPE
- PORTULACACEAE Contributed by B. J. Pienaar 2406000
- 2407000 -CALANDRINIA *
1. SCOGGAN. 1978. FL. CANADA 3: 666.
100 C. CILIATA (R. & P.) DC.
(=C. ciliata DC. var. menziesii (Hook.) Macb.) 1
C. ciliata DC. var. menziesii (Hook.) Macb. = C. CILIATA
- RANUNCULACEAE Contributed by G. Germishuizen 2521000 and B.J. Pienaar
- 2548000 -THALICTRUM L.
150 T. MINUS L.
(Note change in species number)
- DROSERACEAE Contributed by G. Germishuizen 3133000 and B.J. Pienaar
- 3136000 -DROSER L.
4. CHEEK. 1987. KEW BULL. 42: 738.
1750 D. SLACKII M.R. CHEEK
- BRUNIACEAE Contributed by C.M. van Wyk 3283000
- 3290000 -STAAVIA DAHL
#. PRE HERBARIUM PRACTICE, FOLLOWING POWRIE.
200 S. CAPITELLA (THUNB.) SOND.
(=S. capitella Sond.) *
(=S. comosa Colozza) *
(=S. rupestris Eckl. & Zeyh.) *
S. capitella Sond. = S. CAPITELLA
S. comosa Colozza = S. CAPITELLA
S. rupestris Eckl. & Zeyh. = S. CAPITELLA
- ROSACEAE Contributed by B.J. Pienaar 3316000 and C.M. van Wyk
- 3375000 -ALCHEMILLA L.
2. HAUMAN & BALLE. 1936. MEM. ACAD. BELG. SVO. SER. II VOL. 16. FASC. 320: 20-21.
3. ROTHMALER. 1937. REP. SP. NOV. REGNI VEGET XLII: 122-123.
4. ROSS. 1972. FL. NATAL: 183.
5. MENDES. 1978. F. ZAM. 4: 29-33.
6. HILLIARD & BURTT. 1986. NOTES R. BOT. GDN EDINS. 43: 370.
125 A. BICARPELLATA ROTHM.
250 A. COLURA HILLIARD
300 A. CRYPTANTHA STEUD.
(=A. inyangensis Weim.) 5
425 A. ELONGATA ECKL. & ZEYH. VAR. PLATYLOBA ROTHM.
450 A. GALPINII HARM. & BALLE
470 A. HIPSUTO-PETIOLATA (DE WILD.) ROTHM.
A. inyangensis Weim. = A. CRYPTANTHA
850 A. SCHLECHTERANA ROTHM.
- 3388000 -CLIFFORTIA L.
6. WEIMARCK. 1953. BOT. NOTISER 106,1: 78-80.
7. WEIMARCK. 1959. BOT. NOTISER 112,1: 73-79.
1530 C. CERVICORNU WEIM.
1630 C. CONCINNA WEIM.
1650 C. CRASSINERVIS WEIM.
5172 C. INCANA WEIM.
9920 C. SUBDURA WEIM.
10830 C. VERRUCOSA WEIM.
- 3391000 -GRIELIUM L.
4. ADAMSON & SALTER. 1950. FL. CAPE PENIN.: 452.
150 G. GRANDIFLORUM (L.) DRUCE
(=G. tenuifolium L.) 4
250 G. HUMIFUSUM THUNB. VAR. PARVIFLORUM HARV.
G. tenuifolium L. = G. GRANDIFLORUM
- FABACEAE Contributed by G. Germishuizen 3426000
- 3454000 -PROSOPIS L.
3. BURKART. 1976. J. ARNOLD ARBOR. 57: 219.
150 P. GLANDULOSA TORR. VAR. TORREYANA (BENSON) JOHNSTON *
- 3466000 -COELIDIUM VOGEL EX WALP.
2. GRANBY. 1987. NORD. J. BOT. 7,1: 51-52.
350 C. FLAVUM GRANBY
- 3657000 -LOTONONIS (DC.) ECKL. & ZEYH.
6. VAN WYK. 1987. S. AFR. J. BOT. 53,2: 161-165.
1450 L. BREVICALIS B.-E. VAN WYK
- 3698000 -LOTUS L.
2. BALL. 1986. FLORA EUROPEA 2: 175.
L. hispidus Desf. = L. SUBBIFLORUS
530 L. SUBBIFLORUS LAG. *
(=L. hispidus Desf.) 2
- 3702000 -INDIGOFERA L.
7. JARVIE & STIRTON. 1986. BOTHALIA 16,2: 230.
8. JARVIE & STIRTON. 1987. BOTHALIA 17,1: 1-6.
9. GERMISHUIZEN. 1987. 17,1: 33-34.
9650 I. GIFBERGENSIS C.H. STIRTON & J.K. JARVIE
11950 I. IONII J.K. JARVIE & C.H. STIRTON
18750 I. RUBROGLANDULOSA GERMISHUIZEN
21230 I. THESIOIDES J.K. JARVIE & C.H. STIRTON
- 3718000 -TEPHROSIA PERS.
5. SCHRIRE. 1987. BOTHALIA 17,1: 7-15.
T. aemula (E. Mey.) Harv. = T. MACROPODA VAR. DIFFUSA
250 T. AEQUILATA BAK. SUBSP. AUSTRALIS BRUMHILT
300 T. ALBISSIMA H.M. FORBES SUBSP. ALBISSIMA
350 T. ALBISSIMA H.M. FORBES SUBSP. ZULUENSIS (H.M. FORBES) B.D. SCHRIRE
(=T. unifolia H.M. Forbes) 5
(=T. zuluensis H.M. Forbes) 5
T. angustissima Engl. = T. LONGIPES SUBSP. LONGIPES VAR. LONGIPES
T. apiculata H.M. Forbes = T. NATALENSIS SUBSP. NATALENSIS

650	T. BRUMMITTII B.D. SCHRIRE T. dawsonii Bak. f. = T. LONGIPES SUBSP. LONGIPES VAR. LONGIPES	9930	P. fumaroides L'Herit. ex Harvey = P. MINIMUM P. malacoides Knuth = P. NANUM P. MINIMUM VORSTER (=P. fumaroides L'Herit. ex Harvey) 19
	T. diffusa (E. Mey.) Harv. = T. MACROPODA VAR. DIFFUSA	10720	P. NANUM L'HERIT. (=P. humifusum Willd.) 15 (=P. malacoides Knuth) 15 (=P. parvulum DC.) 15 (=P. procumbens (Andr.) Pers.) 15
3400	T. GLOMERULIFLORA MEISN. SUBSP. GLOMERULIFLORA		P. parvulum DC. = P. NANUM P. procumbens (Andr.) Pers. = P. NANUM
3450	T. GLOMERULIFLORA MEISN. SUBSP. MEISNERI (HUTCH. & BURTT DAVY) B.D. SCHRIRE	16500	P. sanctulaefolium Willd. = P. TABULARE P. TABULARE (BURM. F.) L'HERIT. (=P. sanctulaefolium Willd.) 5 (Note author change for species)
3470	T. GOBENSIS BRUMMITT	17053	P. TRAGACANTHOIDES BURCH.
4400	T. LONGIPES MEISN. SUBSP. LONGIPES VAR. LONGIPES (=T. angustissima Engl.) 5 (=T. dawsonii Bak. f.) 5 (=T. lurida Sond. var. drummondii Brummitt) 5 (=T. lurida Sond. var. lissocarpa Brummitt) 5 (=T. lurida Sond. var. lurida) 5	LINACEAE	Contributed by E. Retief 3943000
	T. lurida Sond. var. drummondii Brummitt = T. LONGIPES SUBSP. LONGIPES VAR. LONGIPES	3947000	-HUGONIA L. 2. ROBSON & GONCALVES. 1969. FL MOCAMB. (LINACEAE): 4.
	T. lurida Sond. var. lissocarpa Brummitt = T. LONGIPES SUBSP. LONGIPES VAR. LONGIPES	100	H. busseana Engl. = H. ORIENTALIS H. ORIENTALIS ENGL. (=H. busseana Engl.) 2
	T. lurida Sond. var. lurida = T. LONGIPES SUBSP. LONGIPES VAR. LONGIPES	ZYGOPHYLLACEAE	Contributed by E. Retief 3958000
4650	T. MACROPODA (E. MEY.) HARV. VAR. DIFFUSA (E. MEY.) B.D. SCHRIRE (=T. aemula (E. Mey.) Harv.) 5 (=T. diffusa (E. Mey.) Harv.) 5	3965000	-ZYGOPHYLLUM L. 3. RETIEF. 1987. BOTHALIA 17: 189.
4700	T. MACROPODA (E. MEY.) HARV. VAR. MACROPODA T. madleyi H.M. Forbes = T. SHILUMANENSIS T. natalensis H.M. Forbes = T. NATALENSIS SUBSP. NATALENSIS	1625	Z. MACROCAPPON RETIEF
5200	T. NATALENSIS H.M. FORBES SUBSP. NATALENSIS (=T. apiculata H.M. Forbes) 5 (=T. natalensis H.M. Forbes) 5	SIMAROUBACEAE	Contributed by E. Retief 4106000
5250	T. NATALENSIS H.M. FORBES SUBSP. PSEUDOCAPITATA (H.M. FORBES) B.D. SCHRIRE (=T. pseudocapitata H.M. Forbes) 5	4128000	-KIRKIA OLIV. 2. IMMELMAN. 1986. FSA 18: 1.
	T. pseudocapitata H.M. Forbes = T. NATALENSIS SUBSP. PSEUDOCAPITATA	PTAEROXYLACEAE	Contributed by E. Retief 4157000
7400	T. SHILUMANENSIS SCHINZ (=T. madleyi H.M. Forbes) 5 (=T. spathacea Hutch. & Burtt Davy) 5 (=T. wyllei H.M. Forbes) 5	4157000	-PTAEROXYLON ECKL. & ZEYH. 2. WHITE & STYLES. 1986. FSA 18: 35.
	T. spathacea Hutch. & Burtt Davy = T. SHILUMANENSIS	MELIACEAE	Contributed by E. Retief 4159000
	T. unifolia H.M. Forbes = T. ALBISSIMA SUBSP. ZULUENSIS	4163000	-ENTANDOPHPAGMA C. DC. 2. WHITE & STYLES. 1986. FSA 18: 59.
	T. wyllei H.M. Forbes = T. SHILUMANENSIS T. zuluensis H.M. Forbes = T. ALBISSIMA SUBSP. ZULUENSIS	4168000	-NYMANIA LINDL. 2. WHITE & STYLES. 1986. FSA 18: 39.
		4171000	-TURRAEA L. 3. WHITE & STYLES. 1986. FSA 18: 41. T. STREYI PENNINGTON & F. WHITE
3773000	-ORNITHOPUS L. 1. BALL. 1968. FL. EUROP. 2: 182.	4175000	-MELIA L. 2. WHITE & STYLES. 1986. FSA 18: 49.
100	O. SATIVUS BROTT. SUBSP. SATIVUS *	4193000	-EKEBERGIA SPARRM. 2. WHITE & STYLES. 1986. FSA 18: 51.
3870000	-ERYTHRINA L. 3. FRANKLIN-HENNESSY. 1985. 4. FRANKLIN-HENNESSY. 1986. BOTHALIA 16,1: 48.	4195000	-TRICHILIA P. EP. 2. WHITE & STYLES. 1986. FSA 18: 53.
650	E. X DYERI E.F. FRANKLIN-HENNESSY	4195010	-PSEUDOBERSAMIA VERDC. 2. WHITE & STYLES. 1986. FSA 18: 57.
750	E. X JOHNSONII E.F. FRANKLIN-HENNESSY		
3889000	-PUERARIA DC. 2. OHWI. 1985. AGRIC. UNIV. WAGENINGEN PAPERS 85,1: 43.	MALPHIGIACEAE	Contributed by E. Retief 4201000
100	P. LOBATA (WILLD.) OHWI VAR. LOBATA * (=Dolichos hirsutus Thunb.) 2	4206000	-TRIASPIS BURCH. 2. IMMELMAN. 1986. FSA 18: 63.
3897000	-RHYNCHOSIA LOUR. 4. GERMISHUIZEN. 1987. BOTHALIA 17,2: 181- 182.	4219000	-SPHEDAMNOCARPUS PLANCH. EX BENTH. & HOOK. F. 3. DE VILLIERS & BOTHA. 1986. FSA 18: 66. S. angolensis (Juss.) Planch. ex Oliv. = S. PRURIENS SUBSP. PRURIENS S. galphimifolius (Juss.) Szyszyl. subsp. galphimifolius = S. PRURIENS SUBSP. GALPHIMIIFOLIUS S. galphimifolius (Juss.) Szyszyl. subsp. rehmannii (Szyszyl.) Launert = S. PRURIENS SUBSP. GALPHIMIIFOLIUS S. PRURIENS (JUSS.) SZYSZYL. SUBSP. GALPHIMIIFOLIUS (JUSS.) DE VILLIERS & C.J. BOTHA (=S. galphimifolius (Juss.) Szyszyl. subsp. rehmannii (Szyszyl.) Launert) 3 (=S. galphimifolius (Juss.) Szyszyl. subsp. galphimifolius) 3 (=S. rehmannii Szyszyl.) 3 (=S. woodianus Arenes) 3
2270	R. EMARGINATA GERMISHUIZEN	500	S. PRURIENS (JUSS.) SZYSZYL. SUBSP. PRURIENS (=S. angolensis (Juss.) Planch. ex Oliv.) 3 (=S. pruriens (Juss.) Szyszyl. var. lanceolatus Launert) 3 (=S. pruriens (Juss.) Szyszyl. var. latifolius Engl.) 3 (=S. wilmsii Engl.) 3
4750	R. NYASICA BAK. Tropical African species collected in Botswana. 1725 (Livingstone): Lesomo (- CC), P.A. Smith 14 April 1983. - Contributed by E. Kalake		
391000	-DOLICHOS L. D. hirsutus Thunb. = PUERARIA LOBATA VAR. LOBATA		
GERANIACEAE	Contributed by C.M. van Wyk 3924000		
3928000	-PELARGONIUM L'HERIT. 15. VORSTER. 1986. S. AFR. J. BOT. 52(4): 383-384. 16. NORDENSTAM. 1987. PL. SYST. EVOL. 155: 333-337. 17. VORSTER. 1987. S. AFR. J. BOT. 53(1): 65- 70. 18. VORSTER. 1987. S. AFR. J. BOT. 53(1): 71- 74. 19. VORSTER. 1987. S-AFR. TYDSKR. PLANTK. 53(2): 184-185.		
3440	P. CAROLI-HENRICI B. NORD.		
5230	P. DIVISIFOLIUM VORSTER		

- S. pruriens* (Juss.) Szyszyl. var. *lanceolatus* Launert = *S. PRURIENS* SUBSP. PRURIENS 950
 1000
S. pruriens (Juss.) Szyszyl. var. *latifolius* Engl. = *S. PRURIENS* SUBSP. PRURIENS 1450
S. rehmannii Szyszyl. = *S. PRURIENS* SUBSP. GALPHIMIIIFOLIUS 1900
 600 *S. TRANSVAALICUS* (KUNTZE) BURTT DAVY
S. wilmsii Engl. = *S. PRURIENS* SUBSP. PRURIENS
S. woodianus Arenes = *S. PRURIENS* SUBSP. GALPHIMIIIFOLIUS
- 4220000 -ACRIDOCARPUS GUILL. & PERR.
 2. IMMELMAN. 1986. FSA 18: 69.
 100 M. LUGARDIAE N.E. BR.
- CELASTRACEAE Contributed by E. Retief 4618000
- 4626000 -MAYTENUS MOLINA
 4. VAN WYK & ARCHER. 1987. S. AFP. J. BOT. 53: 155.
 1050 M. OLEOSA VAN WYK & ARCHER
- 4629000 -CATHA FORSSK. EX SCOP.
 4. VAN WYK & PRINS. 1987. S. AFR. J. BOT. 53: 202.
 50 C. ABBOTTII VAN WYK & PRINS
- VITACEAE Contributed by E. Retief 4909000
- 4917000 -RHOICISSUS PLANCH.
 3. URTON, OLIVIER & ROBERTSON. 1986. S. AFR. J. BOT. 52: 589.
R. cirrhiflora sensu Gilg & Brandt p.p. excl. syn. *Rhus cirrhiflora* L. f. = *R. TRIDENTATA* SUBSP. TRIDENTATA
R. cuneifolia (Eckl. & Zeyh.) Planch. = *R. TRIDENTATA* SUBSP. CUNEIFOLIA
R. erythrodes (Fresn.) Planch. = *R. TRIDENTATA* SUBSP. CUNEIFOLIA
 550 *R. TRIDENTATA* (L. F.) WILD & DRUM. SUBSP. CUNEIFOLIA (ECKL. & ZEYH.) N.R. URTON
 (=Cissus cuneifolia Eckl. & Zeyh.) 3
 (=R. cuneifolia (Eckl. & Zeyh.) Planch.) 3
 (=P. erythrodes (Fresn.) Planch.) 3
 600 *R. TRIDENTATA* (L. F.) WILD & DRUM. SUBSP. TPIDENTATA
 (=R. cirrhiflora sensu Gilg & Brandt p.p. excl. syn. *Rhus cirrhiflora* L. f.) 3
- 4918000 -CISSUS L.
C. cuneifolia Eckl. & Zeyh. = RHOICISSUS TRIDENTATA SUBSP. CUNEIFOLIA
- STERCULIACEAE Contributed by E. Retief 5044000
- 5056000 -HERMANNIA L.
 5. DE WINTER. 1986. NOTES R. BOT. GDN EDINB. 43: 401.
 5350 H. CORDATA (E. MEY. EX PHILL.) DE WINTER
- CLUSIACEAE Contributed by E. Retief 5162000
- 5168000 -HYPERICUM L.
 2. WIGHT & ARN. 1834. PRODR. 99.
 350 H. HOOKERANUM WIGHT & APN
- THYMELAEACEAE Contributed by E. Retief 5429000
- 5435000 -GNIDIA L.
 19. HILLIARD & BURTT. 1986. NOTES R. BOT. GDN EDINB. 43: 218.
 250 G. BURCHELLII (MEISN.) GILG
 (=Lasiosiphon burchellii Meisn.) 4
 5320 G. RENNIANA HILLIARD & BURTT
- 5435010 -Lasiosiphon Fresen. = GNIDIA
L. burchellii Meisn. = GNIDIA BURCHELLII
- 5436000 -STRUTHIOLA L.
 4. PETERSON & HILLIARD. 1986. NOTES R. BOT. GDN EDINB. 43: 219.
 125 S. ANGUSTILOBA PETERSON & HILLIARD
- 5461000 -PASSERINA L.
 2. HILLIARD & BURTT. 1987. THE BOTANY OF THE SOUTHERN NATAL DRAKENSBERG 233.
 250 P. DRAKENSBERGENSIS HILLIARD & BURTT
- LYTHACEAE Contributed by E. Retief 5473000
- 5473000 -ROTALA L.
 9. COCK. 1979. BOISSIERA 29: 9-133.
 700 R. MEXICANA CHAM. & SCHLECHTD.
- 5486000 -NESAEA COMM. EX JUSS.
 8. PRE HERBARIUM PRACTICE, FOLLOWING
- IMMELMAN
 N. LUEDERITZII KOEHNE FORMA HEREPOENSIS KOEHNE 950
 N. LUEDERITZII KOEHNE FORMA LUEDERITZII 1000
 N. SAGITTIFOLIA (SOND.) KOEHNE VAR. ERICIFORMIS KOEHNE 1450
N. salicifolia H.B.K. = HEIMIA SALICIFOLIA
 N. SCHINZII KOEHNE
 (=N. schinzii Koehne var. fleckii Koehne) #
 (=N. schinzii Koehne var. rehmannii Koehne) #
 N. schinzii Koehne var. fleckii Koehne = N. SCHINZII
 N. schinzii Koehne var. rehmannii Koehne = N. SCHINZII
- 5487000 -HEIMIA LINK & OTTO
 2. KOEHNE. 1903. PFLANZENREICH 17: 241.
 200 H. SALICIFOLIA (MONTI) LINK & OTTO
 (=Nesaea salicifolia H.B.K.) 2
- COMBRETACEAE Contributed by E. Retief 5536000
- 5538000 -COMBRETUM LOEFL.
 9. EXELL. 1978. FZ 4: 100-160.
 1800 C. KRAUSSII HOCHST.
 (=C. nelsonii Duemmer) 9
 C. nelsonii Duemmer = C. KRAUSSII
- MYRTACEAE Contributed by E. Retief 5553000
- 5558000 -MYRTUS L.
 1. CAMPBELL. 1968. FL. EUROP. 2: 303.
 100 M. COMMUNIS L. *
- TRAPACEAE Contributed by E. Retief 5829000
- 5829000 -TRAPA L.
 2. VERDCOURT. 1986. KEW BULL. 41: 447.
 100 T. NATANS L. VAR. PUMILA NAKANO EX VERDC.
- ARALIACEAE Contributed by E. Retief 5839000
- 5872000 -CUSSONIA THUNB.
 5. REYNEKE & KOK. 1987. A. AFR. J. BOT. 53: 317.
 400 C. PANICULATA ECKL. & ZEYH. VAR. PANICULATA
 450 C. PANICULATA ECKL. & ZEYH. VAR. SINUATA REYNEKE & KOK
- APIACEAE Contributed by E. Retief 5893000
- 5992000 -HETEROMORPHA CHAM. & SCHLECHTD.
 5. TOWNSEND. 1985. KEW BULL. 40: 843-849.
 250 H. PAPILLOSA C.C. TOWNSEND
- 6013000 -DEVERRA DC.
 2. PFISTERER & PODLECH. 1986. MITT. BOT. MUNCHEN 22: 571.
 D. aphylla (Cham. & Schlechtd.) DC. = D. DENUDATA SUBSP. APHYLLA
 300 D. DENUDATA (VIV) PFISTERER & PODL. SUBSP. APHYLLA (CHAM. & SCHLECHTD.) PFISTERER & PODL.
 (=D. aphylla (Cham. & Schlechtd.) DC.) 2
 (=Pituranthos aphyllus (Cham. & Schlechtd.) Benth. & Hook. f. ex Schinz) 2
- 6013010 -Pituranthos = DEVERRA
P. aphyllus (Cham. & Schlechtd.) Benth. & Hook. f. ex Schinz = DEVERRA DENUDATA SUBSP. APHYLLA
- 6016010 -DRACOSCIADIUM HILLIARD & BURTT
 1. HILLIARD & BURTT. 1986. NOTES R. BOT. GDN EDINB. 43: 220.
 100 D. ITALAE HILLIARD & BURTT
 200 D. SANICULIFOLIUM HILLIARD & BURTT
- 6045000 -POLEMANNIA ECKL. & ZEYH.
 4. HILLIARD & BURTT. 1986. NOTES R. BOT. GDN EDINB. 43: 225.
 350 P. SIMPLICIOR HILLIARD & BURTT
- 6116000 -PEUCEDANUM L.
 P. THODEI ARNOLD
 (Note orthographic correction)
- EPICACEAE Contributed by E. Retief 6179000
- 6237000 -EPICA L.
 24. OLIVER. 1984. S. AFR. J. BOT. 3,5: 268-270.
 25. DAVIDSON. 1985. S. AFR. J. BOT. 51: 71-73.
 26. HILLIARD & BURTT. 1985. NOTES R. BOT. GDN EDINB. 42: 240-245.
 27. OLIVER. 1986. BOTHALIA 16: 35-38.

- 55950 E. REVOLUTA (H. BOL.) L.E. DAVIDSON. 325 C. GEOMETRICUM BAK. & C.H. WR.
(=E. subverticillaris Diels ex Guth. var. revoluta H. Bol.) 25 (=C. lanceolatum Forssk. subsp. geometricum (Bak. & C.H. Wr.) Brand) 3
E. subverticillaris Diels ex Guth. var. revoluta H. Bol. = E. REVOLUTA C. lanceolatum Forssk. subsp. geometricum (Bak. & C.H. Wr.) Brand = C. GEOMETRICUM
- 6246000 -COILOSTIGMA KLOTZSCH 2. OLIVER. 1987. BOTHALIA 17: 163.
C. dregeanum Klotzsch = C. ZEYHERIANUM VAR. ZEYHERIANUM 7072000 -Tysonia H. Bol. = AFROTYSONIA
C. tenuifolium Klotzsch = C. ZEYHERIANUM VAR. TENUIFOLIUM T. africana H. Bol. = AFROTYSONIA AFRICANA
T. glochidiata R. Mill = AFROTYSONIA GLOCHIDIATA
- 300 C. ZEYHERIANUM KLOTZSCH VAR. TENUIFOLIUM (KLOTZSCH) E.G.H. OLIVER 7072010 -AFROTYSONIA RAUSCHERT
(=C. tenuifolium Klotzsch) 2 1. MILL. 1986. NOTES P. BOT. GDN EDINB. 43,3: 467-475.
- 400 C. ZEYHERIANUM KLOTZSCH VAR. ZEYHERIANUM (=C. dregeanum Klotzsch) 2 100 A. AFRICANA (H. BOL.) RAUSCHERT
(=Tysonia africana H. Bol.) 1
200 A. GLOCHIDIATA (R. MILL) R. MILL (=Tysonia glochidiata R. Mill) 1
- SAPOTACEAE Contributed by E. Retief 6353000
- 6368000 -SIDEPOXYLON L. 2. HEMSLEY. 1966. KEW BULL. 20: 472. 100 S. INERME L. SUBSP. INERME
- 6386010 -MANILKARA ADANS. 3. VAN WYK. 1982. S. AFR. J. BOT. 1: 33.
- EBENACEAE Contributed by E. Retief 6403000
- 6404000 -EUCLEA MURRAY 3. RETIEF. 1986. BOTHALIA 16: 228. 550 E. DEMINTERI RETIEF
- APOCYNACEAE Contributed by E. Retief 6549000
- 6562000 -LANDOLPHIA BEAUV. L. capensis Oliv. = ANCYCLOBOTRYS CAPENSIS L. petersiana (Klotzsch) T.-Dyer = ANCYCLOBOTRYS PETERSIANA
- 6562020 -ANCYCLOBOTRYS PIERRE 1. KUPICHA. 1985. FZ 7,2: 422. 100 A. CAPENSIS (OLIV.) PICHON
(=Landolphia capensis Oliv.) 1
200 A. PETERSIANA (KLOTZSCH) PIERRE
(=Landolphia petersiana (Klotzsch) T.-Dyer) 1
- PERIPLOCACEAE Contributed by E. Retief 6729000
- 6747000 -RAPHIONACME HARV. 6. VENTER & VERHOEVEN. 1986. S. AFR. J. BOT. 52: 332.
7. VENTER & VERHOEVEN. 1987. S. AFR. J. BOT. 53: 177. 350 R. ELSANA VENTER & VERHOEVEN
925 R. NAMIBIANA VENTER & VERHOEVEN
- ASCLEPIADACEAE Contributed by E. Retief 6752000
- 6870000 -BRACHYSTELMA R. BR. 2. FORSTER. 1986. BOTHALIA 16: 227. 200 B. BARBEPAE HARV. EX HOOK. F.
350 B. BREVIPEDICELLATUM TUPPILL
B. caudatum (Thunb.) N.E. Br. = B. TUBEROSUM
5850 B. TUBEROSUM (MEERBUPS) R. BR. EX SIMS
(=B. caudatum (Thunb.) N.E. Br.) 2
- 6885000 -STAPELIA L. 1. LEACH. 1985. EXCELXA, TAX. SEP. 3: 1-157. 4420 ?S. GIGANTEA N.E. BR. X OPBEOPSIS CAUDATA (N.E. BR) LEACH
(=S. tarantuloides P.A. Dyer) 1
4420 ?S. GIGANTEA N.E. BR. X OPBEOPSIS LUTEA (N.E. BR) LEACH
(=S. tarantuloides R.A. Dyer) 1
S. tarantuloides P.A. Dyer = S. GIGANTEA X OPBEOPSIS CAUDATA
S. tarantuloides R.A. Dyer = S. GIGANTEA X OPBEOPSIS LUTEA
- BORAGINACEAE Contributed by W.G. Welman 7038000
- 7043000 -EHRETIA P. BR. 150 E. OBTUSIFOLIA HOCHST. EX DC.
Tropical African species collected in Botswana. 1821(Andara): Xaru, P.A. Smith 26 February 1984. -Contributed by E. Malake.
- 7064000 -CYNOGLOSSUM L. 3. HILLIARD & BURTT. 1986. NOTES P. BOT. GDN EDINB. 43,3: 345-350. 1900 C. ALTICOLA HILLIARD & BURTT
10450 C. AUSTRORAFRICANUM HILLIARD & BURTT
(=C. austroafricanum Welm. nomen nudum) 3
C. austroafricanum Welm. nomen nudum = C. AUSTRORAFRICANUM
- VERBENACEAE Contributed by W.G. Welman 7138000
- 7148000 -PLEXIPUS PAFIN. 1. FERNANDES. 1984. BOLM SOC BROTERIANA 57: 265-273. 150 P. CAESPITOSUS (H. PEARSON) R. FERNANDES
(=Bouchea caespitosa H. Pearson) 1
1600 P. SCHLECHTERI (GUEPKE) P. FERNANDES VAR. SCHLECHTERI
- 7148020 -Bouchea Cham. Southern African species moved to PLEXIPUS
B. caespitosa H. Pearson = PLEXIPUS CAESPITOSUS
B. schlechteri Guerke = PLEXIPUS SCHLECHTERI VAR. SCHLECHTERI
- 7148030 -Chascanum E. Mey. = PERIPLEXUS C. schlechteri (Guerke) Moldenke = PLEXIPUS SCHLECHTERI VAR. SCHLECHTERI
- SOLANACEAE Contributed by W.G. Welman 7377000
- 7407000 -SOLANUM L. 13. HEPPER & JAEGER. 1986. KEW BULL. 41,2: 433-435. 3750 S. hermannii auctt. = S. LINNAEANUM
S. LINNAEANUM HEPPER & JAEGER (=S. hermannii auctt.) 13
(=S. sodomeum auctt.) 13
S. sodomeum auctt. = S. LINNAEANUM
- SCROPHULARIACEAE Contributed by W.G. Welman 7460000
- 7472000 -HEMIMERIS L. F. 100 H. CENTRODES HIERN
(=H. nana Diels) 3
300 H. MONTANA L. F.
(=H. pachyceras Diels) 3
(=H. racemosa (Houtt.) Merrill) 3
H. nana Diels = H. CENTRODES
H. pachyceras Diels = H. MONTANA
H. racemosa (Houtt.) Merrill = H. MONTANA
- 7476000 -NEMESIA VENT. 9. HILLIARD & BURTT. 1986. NOTES P. BOT. GDN EDINB. 43,3: 385-400. 200 N. ALBIFLORA N.E. BR.
(=N. flanaganii Hiern) 9
1500 N. CAEPULEA HIERN
1800 N. DENTICULATA (BENTH.) FOURC.
(=N. natalitia Sond.) 9
N. flanaganii Hiern = N. ALBIFLORA
N. fruticans (Thunb.) Benth. var. linearis (Vent.) Norlindh = N. LINEARIS
2600 N. GLABRIUSCULA HILLIARD & BURTT
3850 N. LINEARIS VENT.
(=N. fruticans (Thunb.) Benth. var. linearis (Vent.) Norlindh) 9
N. natalitia Sond. = N. DENTICULATA
N. RUPICOLA HILLIARD
5550 N. SILVATICA HILLIARD
5700 N. UMBONATA (HIERN) HILLIARD & BURTT
(=Diclis umbonata Hiern) 9
- 7477000 -DICLIS BENTH. D. umbonata Hiern = NEMESIA UMBONATA
- 7519000 -SUTEPA ROTH 16. HILLIARD & BURTT. 1986. NOTES P. BOT. GDN EDINB. 43,2: 216-217. 1900 S. BEVERLYANA HILLIARD & BURTT
10450 S. SILENIODES HILLIARD
- 7558000 -LIMOSELLA L. 3. HILLIARD & BURTT. 1986. NOTES P. BOT. GDN EDINB. 43,2: 212-216. 400 L. capensis auct. = L. GRANDIFLORA
L. GRANDIFLORA BENTH.
(=L. capensis auct.) 3

- 450 L. INFLATA HILLIARD & BURTT
700 L. VESICULOSA HILLIARD & BURTT
- SELAGINACEAE 7566000
- 7571000 -AGATHELPIS CHOISY
3. WIJNHANDS. 1983. BOT. COMMELINS.
100 A. DUBIA (L.) HUTCH. EX WIJNHANDS
(Note author correction)
- SCROPHULARIACEAE Contributed by W.G. Welman 7460000
- 7597000 -MELASMA BERG.
M. barbatus Hiern = ALECTRA SESSILIFLORA VAR. SESSILIFLORA
M. sessiliflorum (Vahl) Hiern = ALECTRA SESSILIFLORA VAR. SESSILIFLORA
- 7597010 -ALECTRA THUNB.
1. MELCHOIR. 1941. NOTIZBL. BOT. GARD. MUS. BEPL. 15: 427.
2. HEPPER. 1960. KEW BULL. 14: 405.
A. barbata (Hiern) Melch. = A. SESSILIFLORA VAR. SESSILIFLORA
A. melampyroides Benth. = A. SESSILIFLORA VAR. SESSILIFLORA
1870 A. SESSILIFLORA (VAHL) KUNTZE VAR. SESSILIFLORA (=A. barbata (Hiern) Melch.) 2 (=A. melampyroides Benth.) 2 (=Melasma barbatus Hiern) 2 (=Melasma sessiliflorum (Vahl) Hiern) 1
- 7627000 -HARVEYA HOOK.
4. HILLIARD & BURTT. 1986. NOTES R. BOT. GON EDINB. 43,3: 377-384.
H. crispula Conrath = H. RANDII
900 H. HUTTONII HIERN
1150 H. LEUCOPHARYNX HILLIARD & BURTT
1250 H. PULCHRA HILLIARD & BURTT
1500 H. RANDII HIERN (=H. crispula Conrath) 4
1600 H. SCARLATINA (BENTH.) HIERN (=Aulaya scarlatina Benth.) 4
1650 H. SILVATICA HILLIARD & BURTT
- 7627010 -Aulaya Harv. = HARVEYA
A. scarlatina Benth. = HARVEYA SCARLATINA
- ACANTHACEAE Contributed by W.G. Welman 7906000
- 8007000 -ASYSTASIA BLUME
5. EDWARDS & GETLIFFE NORRIS. 1987. S. AFR. J. BOT. 53,3: 231-233.
350 A. PINGUIFOLIA T.J. EDWARDS
- 8026000 -PERISTROPHE NEES
5. BALKWILL ET AL. 1986. S. AFR. J. BOT. 52,6: 513-520.
6. BALKWILL ET AL. 1988. S. AFR. J. BOT. 54,1: 47-54.
365 P. KOTSCHYANA NEES
367 P. NAMIBIENSIS BALKWILL SUBSP. BRANDBERGENSIS BALKWILL
368 P. NAMIBIENSIS BALKWILL SUBSP. NAMIBIENSIS
- 8031000 -DICLIPTERA JUSS.
6. BALKWILL & BALKWILL. 1988. S. AFR. J. BOT. 54,1: 55-59.
330 D. FIONAE BALKWILL
- 8094010 -MONECHMA HOCHST.
2. MUNDAY. 1987. S. AFR. J. BOT. 53,2: 140-142.
550 M. CALLOTHAMNUM J. MUNDAY
- RUBIACEAE Contributed by W.G. Welman 8119000
- 8308000 -TRICALYSIA A. RICH.
4. ROBBRECHT. 1987. BULL. JARD. BOT. NAT. BELG. 57: 180-187.
500 T. CAPENSIS (MEISN. EX HOCHST.) SIM VAR. CAPENSIS (=Bunburya capensis Meisn. ex Hochst.) 4
510 T. CAPENSIS (MEISN. EX HOCHST.) SIM VAR. GALPINII (SCHINZ) ROBBRECHT (=T. galpinii Schinz) 4
520 T. CAPENSIS (MEISN. EX HOCHST.) SIM VAR. TRANSVAALENSIS ROBBRECHT
T. galpinii Schinz = T. CAPENSIS VAR. GALPINII
- 8308030 -Bunburya Meisn. = TRICALYSIA
B. capensis Meisn. ex Hochst. = TRICALYSIA CAPENSIS VAR. CAPENSIS
- 8352000 -CANTHIUM LAM.
9. TILNEY & KOK. 1987. S. AFR. J. BOT. 53,1: 98-102.
10. BRIDSON. 1987. KEW BULL. 42,3: 634.
C. gueinzii Sond. = KEETIA GUEINZII
1100 C. SETIFLOPUM HIERN SUBSP. SETIFLOPUM
1400 C. VANNYKII TILNEY & KOK
- 8352020 -Dinocanthium Brem. = PYROSTRIA
D. hystrix Brem. = PYROSTRIA HYSTRIX
- 8352050 -KEETIA PHILL.
1. BRIDSON. 1986. KEW BULL. 41,4: 970-971.
100 K. GUEINZII (SOND.) BRIDSON (=Canthium gueinzii Sond.) 1 (=K. transvaalensis Phill.) 1
K. transvaalensis Phill. = K. GUEINZII
- 8355000 -PYROSTRIA COMMERS. EX JUSS.
1. BRIDSON. 1987. KEW BULL. 42,3: 629-630.
100 P. HYSTRIX (BREM.) BRIDSON (=Dinocanthium hystrix Brem.) 1
- 8467000 -HYDROPHYLAX L. F. Southern African species moved to PHYLOHYDRAX
H. carnosa (Hochst.) Sond. = PHYLOHYDRAX CARNOSA
- 8467010 -PHYLOHYDRAX PUFF
1. PUFF. 1986. PL. SYST. EVOL. 154: 343-366.
100 P. CARNOSA (HOCHST.) PUFF (=Hydrophylax carnosa (Hochst.) Sond.) 1
- VALERIANACEAE Contributed by W.G. Welman 8527000
- 8532000 -VALERIANA L.
2. BURTT. 1986. NOTES R. BOT. GON EDINB. 43,3: 402-405.
100 V. CAPENSIS THUNB. VAR. CAPENSIS
200 V. CAPENSIS THUNB. VAR. LANCEOLATA N.E. BR.
300 V. CAPENSIS THUNB. VAR. NANA B.L. BURTT
- DIPSACACEAE Contributed by W.G. Welman 8539000
- 8541000 -CEPHALARIA POEM. & SCHULT.
3. BURTT. 1986. NOTES R. BOT. GON EDINB. 43,3: 366.
500 C. GALPINIANA SZAEO SUBSP. GALPINIANA
550 C. GALPINIANA SZAEO SUBSP. SIMPLICIOR B.L. BURTT
- CAMPANULACEAE Contributed by W.G. Welman 8644000
- 8668000 -WAHLENBERGIA SCHRAD. EX ROTH
9. TUYN. 1981. MITT. BOT. STSAMML., MUNCH. 17: 239-242.
10. HILLIARD & BURTT. 1986. NOTES R. BOT. GON EDINB. 43,2: 195-198.
11. HILLIARD & BURTT. 1986. NOTES R. BOT. GON EDINB. 43,3: 350-352.
12. THULIN. 1987. NORD. J. BOT. 7,3: 261.
650 W. APPRESSIFOLIA HILLIARD & BURTT
2750 W. CUSPIDATA V. BREHM. (=W. dentifera v. Brehm.) 10 (=W. furcata v. Brehm.) 10
W. dentifera v. Brehm. = W. CUSPIDATA
3650 W. DOLEPITICA HILLIARD & BURTT
W. furcata v. Brehm. = W. CUSPIDATA
5450 W. HIPSUTA (EDGEW.) TUYN (=Cephalostigma hirsutum Edgew.) 9
8350 W. PALLIDIFLORA HILLIARD & BURTT
9300 W. POLYTRICHIFOLIA SCHLTP. SUBSP. POLYTRICHIFOLIA
9350 W. POLYTRICHIFOLIA SCHLTR. SUBSP. DRACMONTANA HILLIARD & BURTT
12650 W. TETRAMERA THULIN
- 8669000 -Cephalostigma A. DC. Southern African species moved to WAHLENBERGIA
C. hirsutum Edgew. = WAHLENBERGIA HIRSUTA
- ASTERACEAE Contributed by W.G. Welman 8729000
- 8764000 -CORYMBIUM L.
250 C. ENERVE MARKOTTER (Note species mistakenly omitted from Edn 2,2)
- 8992000 -GNAPHALIUM L.
1000 G. PAUCIFLORUM DC. (Note species mistakenly omitted from Edn 2,2)
- 9006000 -HELICHRYSUM MILL.
2. HILLIARD. 1986. NOTES R. BOT. GON EDINB. 43,2: 198.
H. alticolum H. Bol. var. montanum H. Bol. = H. EVANSII
5775 H. EVANSII HILLIARD (=H. alticolum H. Bol. var. montanum H. Bol.) 2
- 9037000 -STOEBE L.
600 S. CINEREA (L.) THUNB. (=Seriphium cinereum L.) 1
2600 S. RUGULOSA HARV. (Note species mistakenly omitted from Edn 2,2)

- 9037010 -*Scirpium* L. = ELYTROPAPPUS, STOEBE
S. cinereum L. = STOEBE CINEREA
- 9053000 -MACOWANIA OLIV.
 250 M. DEFLEXA HILLIARD & BURTT
 (Note species mistakenly omitted from Edn 2,2)
- 9339000 -MATPICAPIA L.
 M. pilifera Thell. = CYMBOPAPPUS PILIFERUS
 M. zuurbergensis Oliv. = HILLIARDIA ZUURBERGENSIS
- 9339020 -HILLIARDIA B. NORD.
 100 1. NORDENSTAM. 1987. OPERA BOT. 92: 147-151.
 H. ZUURBERGENSIS (OLIV.) B. NORD.
 (=Matricaria zuurbergensis Oliv.) 1
- 9341000 -CHRYSANTHEMUM L.
 C. lasiopodum Hutch. = CYMBOPAPPUS PILIFERUS
- 9341040 -CYMBOPAPPUS B. NORD.
 400 2. NORDENSTAM. 1987. OPERA BOT. 92: 147-151.
 C. lasiopodum (Hutch.) B. Nord. = C. PILIFERUS
 C. PILIFERUS (THELL.) B. NORD.
 (=Chrysanthemum lasiopodum Hutch.) 2
 (=Cymbopappus lasiopodum (Hutch.) B. Nord.) 2
 (=Matricaria pilifera Thell.) 1
- 9357000 -HIPPIA L.
 800 4. HUTCHINSON. 1918. KEW BULL. 5: 179-182.
 5. COMPTON. 1940. J.L.S. AFR. BOT. 6: 60.
 6. MERXMULLER. 1951. MITT. BOT. STSAMML., MUNCH. 1: 79.
 H. TRILOBATA HUTCH.
- 9366000 -PENTZIA THUNB.
 1975 8. NORDENSTAM. 1987. BOT. JAHPB. SYST. 108: 195.
 P. PEDUNCULARIS B. NORD.
- 9405010 -CRASSOCEPHALUM MOENCH
 C. bojeri (DC.) Robyns = SOLANECIO ANGULATUS
 C. subscandens (A. Rich.) S. Moore = SOLANECIO ANGULATUS
- 9406000 -CINEPARIA L.
 900 9. JEFFREY. 1986. KEW BULL. 41,4: 930-931.
 C. DELTOIDEA SOND.
 (=C. monticola Hutch.) 9
 C. monticola Hutch. = C. DELTOIDEA
 C. cissampelina DC. = MIKANIOPSIS CISSAMPELINA
- 9411000 -SENECIO L.
 36. HUTCHINSON. 1917. ANN. S. AFR. MUS. 9,6: 398-399.
 37. HILLIARD & BURTT. 1986. NOTES R. BOT. GDN EDINB. 43,2: 198-199.
 38. HILLIARD & BURTT. 1986. NOTES R. BOT. GDN EDINB. 43,3: 352-353.
 39. JEFFREY. 1986. KEW BULL. 41,4: 903.
 S. cephalophorus (Compt.) Jacobs. = KLEINIA CEPHALOPHORA
 S. cissampelinus (DC.) Sch. Bip. = MIKANIOPSIS CISSAMPELINA
 S. dinteri Muschl. ex Dinter = EMILIA AMBIFARIA
 10150 S. FLANAGANII PHILL.
 S. fulgens (Hook. f.) Nich. = KLEINIA FULGENS
 S. galpinii (Hook. f.) = KLEINIA GALPINII
 11650 S. GREGATUS HILLIARD
 (=S. serratuloides DC. var. dieterlenii Thell.) 38
 (=S. serratuloides DC. var. gracilis Harv.) 38
 (=S. serratuloides DC. var. holubii Thell.) 38
 (=S. serratuloides DC. var. rehmannii Thell.) 38
 12685 S. HOCHSTETTERI SCH. BIP. EX A. RICH.
 S. hookerianus Jacobsen = KLEINIA FULGENS
 S. limosus O. Hoffm. = EMILIA LIMOSA
 S. longiflorus (DC.) Sch. Bip. = KLEINIA LONGIFLORA
 S. marlothianus O. Hoffm. = EMILIA MARLOTHIANA
 S. mikanifolides Otto ex Harv. = DELAIREA ODOURATA
 19400 S. PEARSONII HUTCH.
 S. scandens DC. = DELAIREA ODOURATA
 S. schinzii O. Hoffm. = EMILIA AMBIFARIA
 S. serratuloides DC. var. dieterlenii Thell. = S. GREGATUS
 S. serratuloides DC. var. gracilis Harv. = S. GREGATUS
 S. serratuloides DC. var. holubii Thell. = S. GREGATUS
 S. serratuloides DC. var. rehmannii Thell. = S. GREGATUS
 S. stapeliiformis Phill. = KLEINIA STAPELIIFORMIS
- S. tenellulus S. Moore = EMILIA TENELLULA
 S. transvaalensis H. Bol. = EMILIA TRANSVAALENSIS
 S. viridiflorus Hutch. = EMILIA MARLOTHIANA
 S. welwitschii O. Hoffm. = KLEINIA FULGENS
- 9411010 -EMILIA CASS.
 2. JEFFREY. 1986. KEW BULL. 41,4: 909-920.
 8. PRE HERBARIUM PRACTICE, FOLLOWING WELMAN.
 E. albocostata Hiern = E. MARLOTHIANA
 50 E. AMBIFARIA (S. MOORE) C. JEFFREY
 (=Othonna ambifaria S. Moore) 2
 (=Othonna polycephala Klatt) 8
 (=Othonna rosea Klatt) 8
 (=Senecio dinteri Muschl. ex Dinter) 8
 (=Senecio schinzii O. Hoffm.) 2
 100 E. LIMOSA (O. HOFFM.) C. JEFFREY
 (=Senecio limosus O. Hoffm.) 2
 150 E. MARLOTHIANA (O. HOFFM.) C. JEFFREY
 (=E. albocostata Hiern) 8
 (=Othonna glauca Klatt) 8
 (=Senecio marlothianus O. Hoffm.) 2
 (=Senecio viridiflorus Hutch.) 8
 300 E. TENELLULA (S. MOORE) C. JEFFREY
 (=Senecio tenellulus S. Moore) 2
 400 E. TRANSVAALENSIS (H. BOL.) C. JEFFREY
 (=Senecio transvaalensis H. Bol.) 2
- 9411020 -NOTONIA DC. Southern African species moved to KLEINIA
 N. fulgens (Hook. f.) Guillaumin = KLEINIA FULGENS
 N. welwitschii (O. Hoffm.) Hiern = KLEINIA FULGENS
- 9411030 -NOTONIOPSIS B. NORDENSTAM Southern African species moved to KLEINIA
 N. fulgens (Hook. f.) B. Nord. = KLEINIA FULGENS
 N. galpinii (Hook. f.) B. Nord. = KLEINIA GALPINII
- 9411050 -KLEINIA MILL.
 1. JEFFREY. 1986. KEW BULL. 41,4: 935-936.
 100 K. CEPHALOPHORA COMPTON
 (=Senecio cephalophorus (Compt.) Jacobs.) 1
 200 K. FULGENS HOOK. F.
 (=Notonia fulgens (Hook. f.) Guillaumin) 1
 (=Notonia welwitschii (O. Hoffm.) Hiern) 1
 (=Notoniopsis fulgens (Hook. f.) B. Nord.) 1
 (=Senecio fulgens (Hook. f.) Nich.) 1
 (=Senecio hookerianus Jacobsen) 1
 (=Senecio welwitschii O. Hoffm.) 1
 300 K. GALPINII (HOOK. F.) A. BEPGER
 (=Notoniopsis galpinii (Hook. f.) B. Nord.) 1
 (=Senecio galpinii Hook. f.) 1
 400 K. LONGIFLORA DC.
 (=Senecio longiflorus (DC.) Sch. Bip.) 1
 500 K. STAPELIIFORMIS (PHILL.) STAFF
 (=Senecio stapeliiformis Phill.) 1
- 9411080 -LAMPROCEPHALLUS B. NORD.
 1. NORDENSTAM. 1975. BOT. NOTISEP 128: 323-326.
 100 L. MONTANUS B. NORD.
- 9411090 -DELAIREA LEM.
 1. JEFFREY. 1986. KEW BULL. 41,4: 933.
 100 D. ODOURATA LEM.
 (=Senecio mikanifolides Otto ex Harv.) 1
 (=Senecio scandens DC.) 29
- 9411100 -MIKANIOPSIS MILNE-REDH.
 1. JEFFREY. 1986. KEW BULL. 41,4: 878-879.
 100 M. CISSAMPELINA (DC.) C. JEFFREY
 (=Cacalia cissampelina DC.) 1
 (=Senecio cissampelinus (DC.) Sch. Bip.) 1
- 9411110 -SOLANECIO (SCH. BIP.) WALP.
 1. JEFFREY. 1986. KEW BULL. 41,4: 920-923.
 100 S. ANGULATUS (VAHL) C. JEFFREY
 (=Crassocephalum bojeri (DC.) Robyns) 1
 (=Crassocephalum subscandens (A. Rich.) S. Moore) 1
- 9420000 -OTHONNA L.
 6. HUTCHINSON. 1917. ANN. S. AFR. MUS. 9: 409-412.
 O. ambifaria S. Moore = EMILIA AMBIFARIA
 2750 O. DIVARICATA HUTCH.
 O. glauca Klatt = EMILIA MARLOTHIANA
 O. polycephala Klatt = EMILIA AMBIFARIA
 7050 O. OVALIFOLIA HUTCH.

- O. rosea* Klatt = EMILIA AMBIFARIA
A. prostrata Salisb. = ARCTOTHECA PROSTRATA
- 9432020 -ARCTOTHECA WENDL.
A. grandiflora Schrad. = *A. PROSTRATA*
 350 *A. PROSTRATA* (SALISB.) BRITTEN
 (= *A. grandiflora* Schrad.) 2
 (= *A. repens* Wendl.) 1
 (= *Arctotis prostrata* Salisb.) 1
 (Note species mistakenly omitted from
- Edn 2,2)
A. repens Wendl. = *A. PROSTRATA*
- 9500000 -OLDENBURGIA LESS.
 1. BOND. 1987. S. AFR. J. BOT. 53,6: 493-500.
O. arbuscula DC. = *O. GRANDIS*
 150 *O. GRANDIS* (THUNB.) BAILL.
 (= *Arnica grandis* Thunb.) 1
 (= *O. arbuscula* DC.) 1
 175 *O. INTERMEDIA* BOND