

## Specimens examined

The numbers in brackets signify the identity of specimens: (1) *H. colchicifolia*; (2) *H. galpinii*; (3a) *H. rigidula* var. *rigidula*; (3b) *H. rigidula* var. *pilosissima*; (4) *H. acuminata*; (5) *H. longifolia*; (6) *H. ludwigii*; (7) *H. hemerocallidea*; (8) *H. obtusa*; (9) *H. stellipilis*; (10) *H. interjecta*; (11) *H. costata*; (12) *H. multiceps*; (13a) *H. sobolifera* var. *sobolifera*; (13b) *H. sobolifera* var. *pannosa*; (14) *H. villosa*; (15) *H. obliqua*; (16) *H. zeyheri*; (17) *H. gerrardii*; (18a) *H. argentea* var. *argentea*; (18b) *H. argentea* var. *sericea*; (19) *H. parvifolia*; (20) *H. flanagani*; (21) *H. floccosa*; (22) *H. kraussiana*; (23) *H. filiformis*; (24) *H. tetramera*; (25) *H. nivea*; (26a) *H. angustifolia* var. *angustifolia*; (26b) *H. angustifolia* var. *buchananii*; (27) *H. membranacea*; (28a) *H. pavula* var. *parvula*; (28b) *H. pavula* var. *albiflora*.

*Abbott 308a* (1) UMTAMVUNA; *Allsopp 909* (1) NH; *Arnell & Abbott 164* (1) NH; *Cawe 407* (1) KEI; *Compton 26341* (1) NH; *Cunningham 2718* (1) NH; *Eckhardt 661* (1) PRU; *Feldman s.n - 1958* (1) NU; *Frankish 251* (1) NU; *Gillett 3284* (1) BOL; *Green 474* (1) NH; *Green 727* (1) NH; *Johnson 658* (1) KEI; *MacDevette 1453* (1) NH; *Miller 150* (1) NH; *Miller 202* (1) NH; *Ngwenya 2572* (1) NH; *Reid 53* (1) PRE; *Rudatis 1791* (1) NH; *Singh & Govender 564* (1) NH; *Singh & Willand 756* (1) NH; *Singh 138* (1) NH; *Singh 294* (1) NH; *Singh 433* (1) NH; *Singh 575* (1) NH; *Singh 825* (1) NH; *Staples 18583* (1) NH; *Stielau 199* (1) NH; *Strey 4521* (1) NH; *Strey 5949* (1) NH; *Thode 2542* (1) NH; *Thode 4662* (1) NH; *Ward 12844* (1) NH; *Ward 12844* (1) NH; *Wiley NH 27973* (1) NH; *Williams & Menne 1235* (1) NH; *Wood 541* (1) BOL, NBG; *Wood 5193* (1) NH; *Wylie s.n - 1936* (1) PRE.

*Bester 1331* (2) NH, PRU; *Bredenkamp 926* (2) PRU; *Burgoyne 388* (2) PRU; *Codd 4723* (2) PRE; *Compton 26341* (2) NBG; *Demp s.n J035104* (2) J; *Devenish 85* (2) PRE; *Dreyer 312* (2) PRE; *Edwards 2027* (2) NH; *Ellery & Ellery 92/158* (2) J; *Flint s.n J088207* (2) J; *Germishuizen 5881* (2) PRE; *Goossens 384* (2) PRE; *Hartely 1443* (2) J; *Hilliard & Burt 18505* (2) NU; *Hilliard & Burt 18566* (2) NU; *Hilliard & Burt 18574* (2) NU; *Hilliard & Burt 18598* (2) NU; *Hilliard & Burt 18603* (2) NU; *Hilliard & Burt 8382* (2) NU; *Hodson 7* (2) NU; *Hull 34* (2) J; *Jordaan 861* (2) NH; *Kerfoot, Forrester & Gooyer 319* (2) J; *Kunhardt 128* (2) NH; *Matthews 717* (2) PRU; *McCallum 172* (2) PRE; *Mogg 17401* (2) PRE; *Moss 14026* (2) J; *Moss 15882* (2) J; *Moss 16141* (2) J; *Moss 17720* (2) J; *Muller 2035* (2) PRE; *Nicholas 1663* (2) NH; *Noel 9056* (2) GRA; *Peacock SBP048* (2) NH; *Pott-Leendertz s.n. TM 15137* (2) PRE; *Robbeson 294* (2) PRU; *Rogers 11659* (2) BOL; *Rogers 27505* (2) NH; *Rogers 28267* (2) NH; *Rycroft 2585* (2) NBG; *Singh & Baijnath 320* (2) NH; *Singh & Baijnath 336* (2) NH; *Singh & Wiland 657* (2) NH; *Singh & Wiland 717* (2) NH; *Singh 307* (2) NH; *Singh 464b* (2) NH; *Singh 468* (2) NH; *Singh 640* (2) NH; *Smit 881* (2) PRU; *Thode 2538a* (2) NH; *Tuko 12* (2) NH; *Van der Zeyde s.n - Nov 1969* (2) NBG; *Van Vuuren 1314* (2) UNIN; *Venter 11136* (2) UNIN; *Venter 12384* (2) UNIN; *Wood 372* (2) NH; *Wood, S. E 104* (2) NU.

*Abbott 3249* (3a) NH, UMTAMVUNA; *Abbott 4757* (3a) NH, PRU; UMTAMVUNA; *Abbott 4961* (3a) NH, PRU, UMTAMVUNA; *Abbott 5361* (3a) KEI, NH, PRU, UMTAMVUNA; *Abbott 5432* (3a) NH; *Abbott 5548* (3a) UMTAMVUNA; *Abbott 5553* (3a) NH, PRU, UMTAMVUNA; *Abbott 6174* (3a) NH; *Abbott 6175* (3a)

NH, PRU; *Abbott 6547* (3a) NH; *Abbott 6608* (3a) NH; *Acocks 10604* (3a) NH; *Acocks 10641* (3a) NH; *Acocks 10833* (3a) NH; *Allsopp 920* (3a) NH; *Archibald 5002* (3a) GRA; *Arkell 331* (3a) NH; *Arkell 396* (3a) NH; *Arkell 397* (3a) NH; *Arnold 548* (3a) NH; *Balkwill & Balkwill 4552* (3a) J; *Balkwill & Balkwill 4962* (3a) J; *Balkwill & Balkwill 9374* (3a) J; *Balkwill & Cadman 3636* (3a) J; *Balkwill 9424* (3a) J; *Balkwill and Reddy 7214* (3a) J; *Balkwill, Hartley and Reddy 6945* (3a) J; *Balkwill, Hartley and Reddy 7028* (3a) J; *Balkwill, Hartley and Reddy 8350* (3a) J; *Barnad & Mogg 915* (3a) PRE; *Bayer & McClean 237* (3a) NU; *Bester 273* (3a) PRU; *Bester 1046* (3a) PRU; *Bester 1188* (3a) NH; *Blom 48* (3a) (3a) PRE; *Bolus 10318* (3a) BOL; *Brendenkamp 106* (3a) PRU; *Britten 4598* (3a) GRA; *Britten 4598* (3a) PRE; *Brusse J48582* (3a) J; *Buitendag 890* (3a) NBG; *Burgoyne 623* (3a) PRU; *Catta 99* (3a) PRU; *Cloete 653* (3a) KEI, NH; *Codd 2155* (3a) PRE; *Cohen s.n.* - Sept. 1936 (3a) J; *Coleman 803* (3a) NH; *Compton 26342* (3a) NBG; *Compton 27095* (3a) PRE; *Compton 28129* (3a) NH; *Cooper 3631* (3a) BOL; *Cotterrell 90* (3a) GRA; *Crooke 5* (3a) NH; *Cunningham 2114* (3a) NH; *Dold & Booij 473* (3a) GRA; *Downing BD31* (3a) NH, PRE; *Drews 1* (3a) PRE; *Du Plessis 648a* (3a) PRU; *Du Preez 1076* (3a) PRE; *Edwards 322* (3a) NU; *Ekokonsult 30-56* (3a) PRE; *Fairall 220* (3a) NBG; *Flanagan 2842* (3a) SAM; *Forssman s.n.* - Oct. 1939 (3a) PRE; *Galpin 1604* (3a) GRA; *Garnett s.n.* - Oct. 1931 (3a) J; *Gerstner 279* (3a) PRE; *Gerstner NH28986* (3a) NH; *Getliffe, Hearne & Kerfoot 14*(3a) J; *Glass 738* (3a) NBG; *Goosens 7* (3a) PRE; *Gordon-Gray 117* (3a) NU; *Gordon-Gray s.n.* (3a) NU; *Green 420* (3a) NH; *Green 471* (3a) NH; *Greene 397* (3a) NH; *Greene 820* (3a) NH; *Greene 864* (3a) NH; *Grice NH122580* (3a) NH; *Heideman 99* (3a) J; *Heideman 101* (3a) J; *Heideman 103*(3a) J; *Hill 6180* (3a) GRA; *Hilliard & Burt 8383* (3a) NU; *Hilliard & Burt 13681* (3a) NU; *Hilliard & Burt 18588* (3a) NU; *Hilliard & Burt 18607* (3a) NU; *Hofmeyer 69* (3a) PRE; *House 25*(3a) J; *Hudson s.n.* - Oct. 1930 (3a) J; *Hull 79* (3a) J; *Hull 171* (3a) J; *Hull 394* (3a) J; *Jacobs 752* (3a) PRE; *Jenkins 7133* (3a) PRE; *Knep s.n.* - Oct 1959 (3a) J; *Kok 23* (3a) PRU; *Lambert s.n.* - Oct 1950 (3a) J; *Lang s.n.* - Dec. 1932 (3a) PRE; *Lawson 1222* (3a) NH; *Lubke & Botany3 class 2078* (3a) GRA; *MacDevette 1545* (3a) NH; *Macnae 1202* (3a) J; *Macnae 1339* (3a) J; *MacOwan 1649* (3a) SAM; *Mathews 981* (3a) PRU; *Mattison 8* (3a) NU; *Mc.Murtry c.3* (3a) NBG; *McGillivray s.n.* - Sept. 1928 (3a) J; *Mildrea 2* (3a) NBG; *Moffat 39* (3a) PRE; *Mogg 34441* (3a) J; *Mogg 35460* (3a) J; *Mogg et al.* 26687 (3a) J; *Moll 1255* (3a) NH, PRE; *Moll 4740* (3a) NH; *Moss 3327* (3a) PRE; *Moss 6200* (3a) J; *Moss 13679* (3a) J; *Moss 15425* (3a) J; *Moss 15883* (3a) J; *Mull 1040* (3a) NU; *Murray s.n.* - Jan 1938 (3a) J; *Ndungane s.n.* - Mar. 1974 (3a) GRA; *Ngwenya 1500* (3a) NH; *Ngwenya 1576* (3a) NH; *Ngwenya 1739* (3a) NH; *Ngwenya 1932* (3a) NH; *Obermeyer 37* (3a) NH; *Oliver 604* (3a) NH; *Palmer 2962* (3a) GRA; *Peacock 65759* (3a) NBG; *Peacock SAM65759* (3a) SAM; *Pegel Jhb1* (3a) NH; *Pegler 1286* (3a) BOL; *Phillips 1474* (3a) J, PRU; *Piek 89* (3a) NH; *Pott 13305* (3a) PRE; *Raal 60* (3a) J; *Reid 125* (3a) J; *Reynolds 9677* NBG; *Roberts 2480* (3a) PRE; *Robbertse 651* (3a) PRU; *Robertson s.n.* - Oct 1945 (3a) GRA; *Rogers 12150* (3a) BOL; *Rogers 13271* (3a) PRE; *Rogers 23539* (3a) J; *Rogers 27786* (3a) NH; *Rogers 28511* (3a) NH; *Ross 4* (3a) NH; *Rossouw 76* (3a) BLFU; *Rudatis 472* (3a) NH; *Ruddock 42* (3a) NU; *Rycroft 2585* (3a) NBG; *SAGP/SAAB 2/73* (3a) PRU; *SAGP/SAAB 1/29* (3a) PRU; *SAGP/SAAB 3/40* (3a) PRU; *Scheepers 737* (3a) PRE; *Schonland 4142* (3a) GRA; *Shackleton 531* (3a) J; *Shirley 76* (3a) NU; *Sim 670* (3a) NU; *Singh 306* (3a) NH; *Singh 310* (3a) NH; *Singh 394* (3a) NH; *Singh 400* (3a) NH; *Singh 511* (3a) NH; *Singh 519* (3a) NH; *Singh 523* (3a) NH; *Singh 549* (3a) NH; *Singh 550* (3a) NH; *Singh 607* (3a) NH; *Singh 608* (3a) NH; *Singh 629* (3a) NH; *Singh 653* (3a) NH; *Singh 654* (3a) NH; *Singh & Baijnath 312* (3a) NH; *Singh & Baijnath 313* (3a) NH; *Singh & Baijnath 319* (3a) NH; *Singh*

& *Baijnath 333* (3a) NH; *Singh & Govender 414* (3a) NH; *Singh & Govender 414* (3a) NH; *Singh & Govender 436* (3a) NH; *Singh & Govender 561* (3a) NH; *Singh & Wiland 680* (3a) NH; *Singh & Wiland 688* (3a) NH; *Singh & Wiland 692* (3a) NH; *Singh & Wiland 720* (3a) NH; *Singh & Wiland 732* (3a) NH; *Singh & Wiland 748* (3a) NH; *Singh & Wiland 766* (3a) NH; *Smit 168* (3a) PRU; *Stephansen s.n.* (3a) PRE; *Stirton 1045* (3a) NU; *Stirton 1219* (3a) NU; *Strey 9100* (3a) PRE; *Tarr & Heilgendorf NH115903* (3a) NH, PRE; *Taylor 57* (3a) J; *Thackwary 3* (3a) PRU; *Theron 162* (3a) PRU; *Theron 711* (3a) PRU; *Theron 2025* (3a) PRU; *Theron 2115* (3a) NH, PRE; *Thode 2534a* (3a) NH; *Thode 2546* (3a) NH; *Tyson 1124* (3a) BOL, PRE; *Tyson 1211* (3a) BOL, SAM; *Van der Merwe 49* (3a) UNIN; *Van der Schiff 5891* (3a) PRU; *Van der Schiff 6379* (3a) PRU; *Van der Zeyde 264* (3a) NBG; *Van Huyssteen 2966* (3a) PRU; *Van Rooyen 2413* (3a) PRU; *Van Wyk 437* (3a) PRE; *Van Wyk 1749* (3a) PRE; *Van Wyk 6667* (3a) PRU; *Venter s.n.* - Nov. 1967 (3a) UNIN; *Venter s.n.* - Nov. 1985 (3a) UNIN ; *Walker s.n.* - Oct. 1952 (3a) J; *Westfall 863* (3a) PRE; *Wight 2276* (3a) NU; *Wiley NH21681* (3a) NH; *Wiley NH23357* (3a) NH; *Wiley NH28016* (3a) NH; *Williams 313* (3a) NH; *Williams 433* (3a) NH; *Williams 550b* (3a) NH; *Williamson 9901* (3a) NH; *Wood 754* (3a) NBG; *Wood 2435* (3a) NH; *Wood 2627* (3a) NH; *Wood 3456* (3a) NH; *Wood 3870* (3a) NH; *Wood, S.E 92* (3a) NU; *Wood, S.E 107* (3a) NU; *Wood, S.E 124* (3a) NU; *Wood, S.E 128* (3a) NU; *Wood, S.E 152* (3a) NU; *Wood, S.E 164* (3a) NU; *Wood, S.E 175* (3a) NU; *Wood, S.E 210* (3a) NU; *Young 1297* (3a) J; *Young A239* (3a) PRE; *Younghusband 72* (3a) NH; *Zeyde 33* (3a) PRE.

*Abbott 6121b* (3b) PRU, UMTAMVUNA; *Anonymous s.n.* - Sept. 1957 (3b) J; *Balkwill, Hartley & Reddy 8349* (3b) J; *Behr 52* (3b) NBG; *Buitendag 158* (3b) NBG; *Burrows 4336* (3b) J; *Burt-Davy 682* (3b) NH; *Burt-Davy 2218* (3b) BOL, PRE; *Compton 26342A* (3b) NH; *Compton 26924* (3b) NBG, PRE; *Davidson 570* (3b) J; *Duplessis 648* (3b) PRU; *Ellery & Ellery 92/217* (3b) J; *Flanagan 1170* (3b) BOL, NBG; *Germishuizen 7045* (3b) PRE; *Gerrard & McKen 1826* (3b) NH; *Gerstner 1965* (3b) PRE; *Gerstner 3855* (3b) NH; *Gilliland s.n.* - Dec. 1952 (3b) J; *Halse 43* (3b) NH; *Harrison 245* (3b) NH, PRE; *Heydoorn 45* (3b) PRE; *Hilliard & Burt 18823* (3b) NU; *Kerfoot 8148* (3b) J; *Kerfoot K 8149* (3b) J; *Leendertz s.n.* TM5620 (3b) PRE; *Lewis 6184* (3b) NBG; *Lucas 18* (3b) UNIN; *Mathews 645* (3b) PRU; *Mathews 716* (3b) PRU; *Mogg 34731* (3b) GRA; *Page s.n.* - Oct 1927 (3b) J; *Reddy, Reddy & Reddy 452* (3b) NH; *Rogers 237* (3b) GRA; *Sikhakhane 365* (3b) NH; *Singh & Baijnath 224* (3b) NH; *Singh & Baijnath 332* (3b) NH; *Singh & Wiland 659* (3b) NH; *Singh & Wiland 755* (3b) NH; *Singh 438* (3b) NH; *Singh, Baijnath & Govender 258A* (3b) NH; *Smith, C.A 3311* (3b) PRE; *Smith, R 906* (3b) PRU; *Smuts s.n.* - Sept. 1924 (3b) BOL; *Sutton 293* (3b) PRE; *Taylor 3338a* (3b) NBG; *Theron 1893* (3b) PRE, PRU; *Trauseld 865* (3b) NU, PRE; *Tucker s.n.* - Jan 1906 (3b) BOL; *Van der Westhuizen 820* (3b) PRE; *Van Rooyen 1919* (3b) PRU; *Van staden 153* (3b) PRU; *Van Wyk 295* (3b) NH; *Venter 11046* (3b) PRE; *Ward 1583* (3b) PRE; *Weberling 9155* (3b) PRE; *Westfall 1586* (3b) PRE; *Williams 1131* (3b) NH; *Williamson 323* (3b) J; *Wilsenach s.n.* - Dec. 1962 (3b) J; *Wood 2463* (3b) NH; *Zeyher 156* (3b) BOL.

*Abbott 5374* (4) PRU; *Abbott 5426* (4) UMTAMVUNA; *Allsopp 682* (4) NH; *Arnold 839* (4) J; *Beetonzy 12486* (4) NBG; *Blenkiron s.n.* PRE27395 (4) PRE; *Bolus 12358* (4) BOL; *Bourquin 137* (4) NU; *Bruce & Codd s.n.* PRE33556 (4) PRE; *Codd & De Winter 3361* (4) PRE ; *Coetzee 14* (4) NH; *Compton 24551* (4) NBG; *Compton 26128* (4) NBG; *Compton 27182* (4) NBG; *Compton 28129* (4) NBG; *Compton 28379* (4) NH;

*Compton* 28289 (4) PRE ; *Crook* 57 (4) NH; *Devenish* 1208 (4) PRE; *Dieterlen* 290 (4) NBG; *Dieterlen* 290 (4) PRE; *Dieterlen* 709 (4) NBG; *Dieterlen* 918 (4) PRE; *Dieterlen* 924 (4) PRE; *Dold* 678 (4) GRA; *Drewes s.n.* - Nov. 1981 (4) NU; *Du Plessis* 859 (4) PRU; *Du Tois s.n.* - Dec 1926 (4) PRU; *Du Toit s.n.* - Aug. 1957 (4) NU; *Forrester & Gooyer* 94 (4) PRE; *Greene* 550 (4) NH; *Gerstner* 2382 (4) NH; *Gerstner* 2588 (4) NH; *Gertenbach & Groenewald* 9125 (4) PRE; *Gilliland s.n.* J027355 (4) J; *Hilliard & Burt* 18516 (4) NU; *Hilliard & Burt* 18601 (4) NU; *Hilliard & Burt* 18693 (4) NU; *Hilliard & Burt* 18739 (4) NU; *Hilliard & Burt* 18743 (4) NU; *Hilliard & Burt* 19007 (4) NU; *Jacobsz* 2275 (4) NBG; *Jacobsz* 2275 (4) PRE; *Jenkins* 6241 (4) BOL; *Jordaan* 837 PRE; *Kerfoot* K7225 (4) J; *Kerfoot s.n.* J048136 (4) J; *Lang* NH 27190 (4) NH; *Lawson* 1221 (4) NH; *Leendertz* 2847 (4) PRE; *Leendertz s.n.* TM 10375 (4) PRE; *Leipoldt s.n.* TM38078 (4) PRE; *Lloyd* 21 (4) GRA; *McClellan* 905 (4) NH; *Mogg* 2425 (4) PRE; *Mogg* 4488 (4) PRE; *Moll* 1253 (4) PRE; *Moss & Rogers* 1101 (4) J; *Moss & Rogers* 1189 (4) J; *Moss & Rogers* 1240 (4) J; *Moss & Rogers* 1888 (4) J; *Moss* 13888 (4) J; *Moss* 17069 (4) J; *Moss* 17070 (4) J; *Moss* 17713 (4) J; *Moss* 5211 (4) J; *Moss* 6030 (4) J; *Moss* 6214 (4) J; *Muller* 1274 (4) PRE; *Nicholas & Smook* 2444 (4) KEI; *Ngwenya* 1049 (4) NH; *Ngwenya* 2370 (4) NH; *Ngwenya* 2600 (4) NH; *Phillips* J32949 (4) J; *Pienaar* 73 (4) NU; *Potgieter s.n.* - June 1955 (4) PRE; *Pott* 5164 (4) BOL; *Potter* 1695 (4) PRE; *Roberts* 3101 (4) PRE; *Rogers* 11561 (4) BOL; *Schrire* 1600 (4) NH; *Scott* 5 (4) NU; *Shirley s.n.* - Nov. 1964 (4) NU; *Singh* 286 (4) NH; *Singh & Baijnath* 272 (4) NH; *Singh & Baijnath* 338 (4) NH; *Singh & Baijnath* 846 (4) NH; *Singh & Govender* 566 (4) NH; *Singh & Wiland* 712 (4) NH; *Singh* 155 (4) NH; *Singh* 461 (4) NH; *Singh* 645b (4) NH; *Singh* 655 (4) NH; *Stewart* 3676 (4) NBG; *Symons* 70 (4) NBG; *Taylor* 5262 (4) NBG; *Theron* 3973 (4) PRU; *Thode* 2856 (4) PRE; *Tuko* 8 (4) NH; *Turner* 284 (4) PRE; *Venter* 11046 (4) UNIN; *Victor* 795a (4) GRA; *Wall s.n.* - Oct. 1938 (4) BOL; *West* 441 (4) GRA; *Williams* 674 (4) NH; *Williams* 8 (4) NH; *Wood* 121 (4) NU; *Wood* 6120 (4) BOL; *Wood S.E.* 154 (4) J; *Wood, S.E* 149 (4) NU; *Wood, S.E.* 132 (4) NU; *Wood, S.E.* 146 (4) NU; *Wood, S.E.* 149 (4) J; *Wood, S.E.* 72a (4) J; *Wylie s.n.* TM 34326 (4) PRE; *Zietsman* 3102 (4) PRE.

*Acocks* 12055 (5) PRE; *Archibald* 4126 (5) GRA; *Bolus* 9133 (5) BOL; *Breen S.P* 63 (5) GRA; *Brown* 27785 (5) NH; *Burrows* 2895 (5) GRA; *Burrows* 3151 (5) GRA; *Daly* 591 (5) GRA; *Dieterlen* 1370 (5) NBG; *Dold* 1001 (5) GRA; *Dyer* 2045 (5) GRA; *Dyer* 4538 (5) PRE; *Ecklon & Zeyher* 4137 (5) BOL; *Edwards* 258 (5) NU; *Felton & Thornhill* 337 (5) PRU; *Flanagan* 1169 (5) BOL; *Flanagan* 22253 (5) NBG; *Fourcade* 1097 (5) GRA; *Galpin* 7703 (5) PRE; *Galpin s.n.* - May 1831 (5) BOL; *Gerstner* 4936 (5) PRE; *Gibbs Russell* 3483 (5) GRA; *Gillett* 1396 (5) BOL; *Hartley* 1207 (5) J; *Henrici* 4242 (5) PRE; *Howe s.n.* - Nov. 1978 (5) GRA; *Hugo* 2088 (5) PRE; *Kerfoot, Gooyer & Eastman s.n.* - Jan 1977 (5) J; *Lubbe* 285 (5) PRU; *Lubbe* 57 (5) PRU; *Lubbe, Everan & Avis* 2707 (5) GRA; *Lubke* 52 (5) NH; *MacDevette* 303 (5) NH; *MacOwan* 2123 (5) NBG; *Matthews* 1203 (5) PRU; *McDonald & Smith* 96 (5) PRU; *Moll* 4740 (5) NBG; *Moll* 4740 (5) PRE; *Moraile* 3515 (5) PRE; *Moss* 17071 (5) J; *Nicholas & Perks* 1503 (5) PRE; *Nicholas* 670 (5) PRE; *Pooley* 1903 (5) NU; *Potts* 5116 (5) BLFU; *Robbertse* 613 (5) PRU; *Shackleton* 35 (5) PRE; *Sibaya Project* 63 (5) GRA; *Sim* 643 (5) NU; *Singh* 500 (5); *Singh* 598 (NH); *Singh* 794 (5) NH; *Singh & Wiland* 721 (5) NH; *Smook* 636 (5) NU; *Stephen, Theron* 675 (5) NH; *Theron* 1191 (5) NH; *Van Graan & Schwabe* 1175 (5) PRE; *Taylor* 255 (5) NU; *Taylor* 40 (5) GRA; *Thode* A1051 (5) NH, PRE; *Tyson* 2926 (5) NBG; *Van Wyk* 269 (5) NH; *Venter* 4885 (5) BLFU;

*Ward M.C. 2093* (5) NH; *Williams 1142* (5); *Williams 1122* (5) NH; *Wormarld 88* (5) GRA; *Zietsman 2528* (5) PRE.

*Hilliard & Burt 18822* (6) NU; *Hilliard & Burt 18076* (6) NU; *Hilliard & Burt 17652* (6) NU; *Trace 30* (6) (NU).

*Abbott 344* (7) NH, PRU, UMTAMVUNA; *Abbott 5038* (7) NH, PRU, UMTAMVUNA; *Abbott 6264* (7) NH; *Abbott 6381* (7) NH; *Abbott 6496* (7) NH; *Archibald 5096* (7) GRA; *Arnell 338a* (7) NH; *Arnold 840* (7) J; *Baker s.n.* - Nov. 1909 (7) PRE; *Balkwill & Cron 191* (7) J; *Balkwill 10236* (7) J; *Balkwill, Hartley & Reddy 8351* (7) J; *Barbana 33* (7) NU; *Barker 3428* (7) NBG; *Barker 4367* (7) NBG; *Batten 6-Pl119* (7) NBG; *Baur 8726* (7) PRE; *Booke s.n.* - Oct 1932 (7) BOL; *Bourquin 458* (7) NU; *Brandmuller 1506/28* (7) BOL; *Bredenkamp 98* (7) PRE, PRU; *Bredenkamp 383* (7) PRE; *Bredenkamp 1188* (7) UNIN; *Breyer s.n.* - Feb 1918 (7) PRE; *Bruecknee 620* (7) KMG; *Bullock 29* (7) NH; *Burrows 4417* (7) GRA; *Burt-Davy 2171* (7) PRE; *Clark 1* (7) NU; *Clemitsen 41* (7) GRA; *Cloete & Bosa 3219* (7) NH; *Codd & De Winter 3240* (7) PRE; *Codd 1822* (7) PRE; *Coleman 159* (7) NH; *Compton 27337* (7) NBG; *Compton 28104* (7) NH; *Compton 28843* (7) NBG, NH; *Compton 31790* (7) NBG; *Courtenay-Latimer s.n.* - Oct. 1945 (7) NBG; *Creed 4* (7) GRA; *Daly 78* (7) PRE; *Davey 21* (7) NU; *De Leur 11* (7) NH; *Dickinson 16* (7) GRA; *Dieterlen 229* (7) NBG; *Dieterlen 229a* (7) NBG, NH, PRE; *Dixon 6* (7) NU; *Dold & Booi 474* (7) GRA; *Dold & Booi 475* (7) GRA; *Du Plessis 164* (7) PRU; *Du Plessis 525* (7) PRU; *Du Plessis 561* (7) PRU; *Du Preez 1254* (7) GRA; *Earthy 325* (7) BOL; *Eckhardt 407* (7) PRU; *Edwards, D. 2407* (7) NU; *Edwards, T. 265* (7) NU; *Ellery 34* (7) NU; *Fairall 110* (7) NBG; *Felton & Thornhill 381* (7) NH, PRU; *Flanagan 1171* (7) BOL; *Flanagan 1810* (7) NBG; *Flanagan 1893* (7) BOL; *Forbes sn.* (7) NH; *Fourcade s.n.* - Mar 1908 (7) BOL; *Franklin 9* (7) J; *Galpin 1190* (7) PRE; *Germishuizen 1667* (7) PRE; *Gerstner 3638* (7) NH; *Gilliland s.n.* - Dec 1935 (7) J; *Glass 376* (7) NBG; *Goosens 143* (7) PRE; *Goosens 779* (7) PRE; *Gordon-Gray 1438* (7) NU; *Green 239* (7) NH; *Groenewald 4* (7) NH; *Guy & Jarman 84* (7) NU; *Harrison 183* (7) NH; *Hart 29* (7) NU; *Haygarth 18* (7) NH; *Haygarth 78* (7) NH; *Heideman 104* (7) J; *Heidenman s.n.* - March 1978 (7) J; *Henderson, Brokensha & Collins 175* (7) J; *Hilliard & Burt 8486* (7) NU; *Hilliard & Burt 18258* (7) PRE; *Hilner 330* (7) GRA; *Hobson 438* (7) GRA; *Hoffe 1* (7) PRE; *Howe s.n.* - Oct. 1988 (7) GRA; *Huntley 247* (7) NH; *Hutchings & Johnson 1157* (7) KEI; *Hutchings 301* (7) KEI; *Hutchings 424* (7) KEI; *Hutchings 620* (7) KEI; *Hutchinson, Forbes & McClean 31* (7) NH; *Jacobsz 1813* (7) PRE; *JBG 4761* (7) PRE; *Jenkins s.n.* - Sept. 1909 (7) PRE; *Johnson, S.M. 768* (7) GRA; *Kluge 291* (7) PRE, PRU; *Kok 210* (7) PRU; *Kotze 502* (7) PRE; *Lachman 7* (7) NU; *Lambert 20* (7) NH; *Lang s.n.* - Nov. 1932 (7) PRE; *Lang s.n.* - Oct 1932 (7) PRE; *Lawn 335* (7) NH; *Lawn 446* (7) NH; *Lawn 1161* (7) NH; *Leighton 2620* (7) BOL; *Leisgang 46* (7) NU; *Lenwick 20* (7) NU; *Long 177* (7) GRA; *Lubbe 44* (7) NH, PRU; *Luddick s.n.* - Sept. 1969 (7) PRU; *MacDevette 1102* (7) NH; *Macnae 1252* (7) J; *McDonald 144* (7) NU; *McLea 5801* (7) BOL; *Mogg 33048* (7) J; *Mogg 36349* (7) J; *Moll & Strey 3807* (7) NH, PRE; *Moraille 3518* (7) BLFU; *Morris 365* (7) NU; *Moss & Rogers 1419* (7) J; *Moss 13901* (7) J; *Moss 17737* (7) J; *Moss s.n.* - 1924 (7) J; *Mthembu 10* (7) NH; *Murray s.n.* - Dec. 1937 (7) J; *Ngcobo 6* (7) NH; *Ngwenya 1230* (7) NH; *Ngwenya 1577* (7) NH; *Ngwenya 2024* (7) NH; *Nicholas & Perks 1502* (7) NH, PRE; *Nicholson 238* (7) NH; *Noel 1437* (7) GRA; *Nombekela 115* (7) NH; *Nombekela 116* (7) NH; *Ntombela 4* (7) NH; *Page 22370* (7)

BOL; Palmer 2647 (7) GRA; Pappenfus s.n. - Dec. 1962 (7) J; Paterson 29 (7) GRA; Peacock SBP048 (7) NH; Pegler 1142 (7) PRE; Pegler 1143 (7) BOL, PRE; Phelan 667 (7) NU; Pienaar 7 (7) PRU; Pienaar 74 (7) NU; Pocock 3 (7) GRA; Porter & Ward 230 (7) NH; Potts 394 (7) GRA; Rogers 3169 (7) BOL; Rogers s.n. - Feb 1908 (7) PRE; Rogers 24612 (7) NH; Ross 2157 (7) NH, PRE; Rudatis 1736 (7) PRE; Rump NH20300 (7) NH; Russell 29 (7) NH; Scheepers 32 (7) PRU, UNIN; Scheepers 1329 (7) PRE; Schonland 3925 (7) GRA; Schonland 4201 (7) GRA; Schrire & Peinaar 22 (7) NH; Scully 117 (7) NBG; Sebola 279 (7) J; Shirley 241 (7) NU; Sikhakhane 245 (7) NH; Sim 1124 (7) NU; Sim 1129 (7) NBG, NU; Singh 139 (7) NH; Singh 169 (7) NH; Singh 276 (7) NH; Singh 327 (7) NH; Singh 399 (7) NH; Singh 401 (7) NH; Singh 410 (7) NH; Singh 488 (7) NH; Singh 489 (7) NH; Singh 491 (7) NH; Singh 497 (7) NH; Singh 503 (7) NH; Singh 504 (7) NH; Singh 541 (7) NH; Singh 579 (7) NH; Singh 618 (7) NH; Singh 630 (7) NH; Singh 656 (7) NH; Singh 801 (7) NH; Singh 806 (7) NH; Singh 820 (7) NH; Singh & Baijnath 213 (7) NH; Singh & Baijnath 225 (7) NH; Singh & Baijnath 316 (7) NH; Singh & Baijnath 321 (7) NH; Singh & Govender 389 (7) NH; Singh & Govender 411 (7) NH; Singh & Govender 437 (7) NH; Singh & Govender 568 (7) NH; Singh & Govender 571 (7) NH; Singh & Ngwenya 159 (7) NH; Singh & Wiland 574 (7) NH; Singh & Wiland 734 (7) NH; Singh & Wiland 742 (7) NH; Singh & Wiland 747 (7) NH; Singh & Wiland 751 (7) NH; Singh & Wiland 762 (7) NH; Singh & Wiland 770 (7) NH; Singh & Wiland 773 (7) NH; Smit s.n. - Sept. 1957 (7) NU; Smith 227 (7) PRE; Sole 382 (7) GRA; Stalmans 1099 (7) PRE; Stalmans 2047 (7) J; Stalmans 670 (7) PRE; Stephen, Van Graan & Schwabe 1151 (7) PRE; Stirton 105 (7) NU; Stirton 12177 (7) PRU; Strey 5163 (7) NH; Strey 5942 (7) NH; Strey 9256 (7) NH; Strey 9962 (7) NH, PRE; Taylor 4966 (7) NBG; Taylor 5584 (7) NBG; Theron 806 (7) PRU; Theron 1147 (7) PRU; Theron 1190 (7) NH, PRU; Theron 1890 (7) PRU; Theron 1997 (7) PRE, PRU; Thode 2540 (7) NH; Trace 40 (7) NU; Tyson 1125 (7) BOL, NBG; Tyson 1210 (7) NBG; Van Dam s.n. - Dec 1911 (7) PRE; Van Dam s.n. TM26292 (7) PRE; Van Rooyen 1919 (7) PRU; Van Rooyen 1919a (7) PRU; Van Vuuren 1568 (7) UNIN; Van Wyk 2364 (7) PRU; Vassilatos & Mantell 555 (7) J; Venter 1568 (7) BLFU; Wahl 3 (7) PRU; Ward 398 (7) NU; Ward 1586 (7) NH; Ward & Rajh 11654 (7) NH; Ward, M.C. 448 (7) NH; Ward, M.C. 531 (7) NH; Ward, M.C. 1131 (7) NH; Wells 2113 (7) NH; Widdecombe 1254 (7) GRA; Williams 550a (7) NH; Wood 6924 (7) NH; Wood, S.E. 13 (7) NU; Wood, S.E. 72 (7) J; Wood, S.E. 75 (7) J; Wood, S.E. 76 (7) J, NU; Wood, S.E. 79 (7) J, NU; Wood, S.E. 82 (7) J; Wood, S.E. 86 (7) J, NU; Wood, S.E. 102 (7) J, NU; Wood, S.E. 106 (7) NU; Wood, S.E. 118 (7) NU; Wood, S.E. 145 (7) NU; Wood, S.E. 167 (7) J; Wood, S.E. 171 (7) NU; Wood, S.E. 174 (7) NU; Wulff s.n. - Dec. 1974 (7) GRA; Wylie s.n. - Sept. 1933 (7) BOL; Wylie NH22420 (7) NH; Wylie NH23107 (7) NH; Xaba 5 (7) NH; Young A127 (7) PRE.

Anonymous s.n. - Sept 1980 (8) J; Anonymous s.n. - Sept. 1957 (8) J; Arnold 842 (8) NU; Auret sub Moss 18347 (8) J; Balkwill 251 (8) J; Balkwill 9402 (8) J; Balkwill & Balkwill 4648 (8) PRE; Balkwill & Reddy 7213 (8) J; Barker 1 (8) NBG; Barker s.n. - Jan. 1943 (8) NBG; Baur 904 (8) NBG; Bayliss 1707 (8) NBG; Bester 1332 (8) BOL, PRE; Bester 1333 (8) PRU; Bester 2623 (8) PRU; Bester 2642 (8) PRU; Bilse 4206 (8) BOL; Bolus 181 (8) BOL; Bolus 6446 (8) BOL; Bolus 10320 (8) BOL; Braun 1258 (8) PRE; Britten 4653 (8) GRA; Bruce & Codd s.n. - Nov 1947 (8) PRE; Brueckner 508 (8) KMG; Brusse s.n. - Oct 1975 (8) J; Brusse s.n. - Oct 1976 (8) J; Buitendag 619 (8) NBG; Burgoyne 464 (8) PRU; Burt-Davy 5577 (8) PRE; Burt-Davy 10139 (8) PRE; Cain s.n. - Sept. 1980 (8) J; Bremekamp 836 (8) PRU; Clarke 1442 (8) PRE; Coetzee 209 (8) PRU;

*Coetzee 71 (8) PRE; Compton 9677 (8) PRE; Cook 9/30 (8) BOL; Cross s.n. - Nov 1949 (8) PRE; Cunningham 2114 (8) NH; Cunningham 2129 (8) NH; Dieterlen 223 (8) NH; Dieterlen 310 (8) NBG; Dieterlen 6972 (8) NBG; Dinter 617 (8) NBG; Dinter 617a (8) NBG; Dinter 5308 (8) NBG; Dinter 5368 (8) BOL; Du Preez 374 (8) BLFU; Du Plessis 601 (8) PRU; Du Preez 1086 (8) BLFU; Ellery & Ellery 92/95 (8) J; Flanagan 1642 (8) BOL, NBG; Galpin 12497 (8) PRE; Galpin 17336 (8) NBG; Galpin M336 (8) PRE; Galpin s.n. - Oct. 1932 (8) BOL; Geiss 14970 (8) PRE; Giess 13665 (8) PRE; Gillett s.n. - Nov 1925 (8) BOL; Grant 3079 (8) PRE; Greene 821 (8) NH; Grobbelar EB36M (8) UNIN; Gubb 10254 (8) KMG; Hanekom 1621 (8) PRE; Heatly sub Moss 2655 (8) J; Heideman 108 (8) J; Heideman s.n. - Nov. 1978 (8) J; Heideman s.n. - Oct 1978 (8) J; Hilliard & Burt 14620 (8) NU; Hilliard & Burt 17853 (8) NU; Hilliard & Burt 18587 (8) PRE; Hilliard & Burt 18595 (8) PRE; Hilliard & Burt 18599 (8) NU; Hilliard & Burt 18615 (8) NU; Hilliard & Burt 18716 (8) NU; Hilliard & Burt 18821 (8) NU; Hilliard & Burt 18921 (8) NU; Hofmeyr 50 (8) GRA; Holland s.n. - Feb 1932 (8) BOL; J.H.I'ons (8) NBG; Jacobsen 766 (8) PRE; Jacobsz 1812 (8) NBG, PRE; Jacobsz 2273 (8) NBG; Jenkins s.n. - Dec 1908 (8) PRE; Kinges 1904 (8) PRE; Leendertz 918 (8) BOL; Leendertz s.n. - Dec 1909 (8) PRE; Leighton s.n. - Jan. 1947 (8) BOL; Liebenberg 8423 (8) PRE; MacOwan 1649 (8) SAM; Maguire s.n. - Oct 1945 (8) J; Markötter 8851 (8) NH; Marsden s.n. - Nov 1941 (8) PRE; Mathews 302 (8) NBG; Meggitt 63 (8) GRA; Mey 20 (8) PRU; Mogg 3281 (8) PRE; Mogg 32993 (8) J; Mogg 34103 (8) J; Mogg 35284 (8) J; Moss 2556 (8) J; Moss 10526 (8) J; Moss 14027 (8) J; Moss 16184 (8) J; Moss 17756 (8) J; Nation 287 (8) BOL; Nicholas 502 (8) NU; O'Connor 59 (8) PRE; Obermeyer 56 (8) PRE; Pearson 22366 (8) BOL; Peeters, Gericke & Burelli 121 (8) J; Pegel 1 (8) NH; Pegel 3 (8) NH; Pegel 4 (8) NH; Pegel Jhb 2 (8) NH; Pettifer 195 (8) PRE; Phillips 986 (8) NBG; Pole-Evans 13211H (8) PRE; Pont 183 (8) PRE; Prinsloo 1 (8) PRU; Prosser s.n. - Oct 1948 (8) J; Raal 61 (8) J; Rogers 12151 (8) BOL; Rogers 704 (8) J; Roux 16 (8) PRU; Rudatis 39 (8) PRE; Schmitz 8565 (8) PRE; Singh 547 (8) NH; Singh 611 (8) NH; Singh 619 (8) NH; Singh & Baijnath 323 (8) NH; Singh & Baijnath 340 (8) NH; Singh & Govender 412 (8) NH; Singh & Govender 413 (8) NH; Singh & Govender 415 (8) NH; Singh & Govender 440 (8) NH; Singh & Govender 562 (8) NH; Singh & Govender 565 (8) NH; Singh & Wiland 663 (8) NH; Singh & Wiland 689 (8) NH; Singh & Wiland 693 (8) NH; Singh & Wiland 746 (8) NH; Smit 1404 (8) PRU; Smit 167 (8) PRU; Smit 455 (8) PRU; Smit 700 (8) PRU; Smith 1130 (8) PRE; Smith 2130 (8) PRE; Stalmans 2351 (8) J; Strey 9101 (8) NH; Stutterheim D35 (8) PRE; Taylor 174 (8) NU; Teague 505 (8) BOL; Theron 2112 (8) PRU; Theron 515 (8) PRE; Thode A1782 (8) PRE; Thode A249 (8) PRE; Thorncroft s.n. - March 1905 (8) BOL; Trauseld 868 (8) NU; Turner 1127A (8) PRE; Tyson 1476 (8) BOL; Tyson 1478 (8) GRA; Van Dam TM 23373 (8) PRE; Van der Zeyde & Van der Laarse s.n. -Nov 1974 (8) NBG; Van der Zeyde 23/69 (8) NBG; Van der Zeyde s.n. - Nov 1970 (8) NBG; Van Jaarsveld 28 (8) NBG; Van Rensburg 25556 (8) J; Van Rooyen 2568 (8) PRU; Van Staden 1336 (8) GRA; Van Staden 152 (8) PRU; Van Wyk, S. 434 (8) PRE; Weeks 25 (8) J; Von Fintel 97 (8) NH; Weintraub 22367 (8) BOL; Williams 315 (8) NH; Wilman 3662 (8) BOL; Wood. - Mar 1974 (8) J; Young 732 (8) J; Young A253 (8) PRE; Zuma 17 (8) NH.*

*Archibald 6093 (9) GRA; Barnes 130 (9) GRA; Brink & Guillarmod s.n. - Nov 1984 (9) GRA; Chan 27 (9) GRA; Cowling 1165 (9) GRA; Drege 3104 (9) GRA; Drege 9018 (9) PRE; Ecklon & Zeyher 1063 (9) BOL; Ecklon & Zeyher 1063 (9) GRA; Ecklon & Zeyher 22298 (9) NBG; Fourcade 2769 (9) BOL; Gledhill & Archibald 6093 (9) GRA; Hoffman 1002 (9) GRA; Olivier 2615 (9) GRA; Paterson 87 (9) BOL; Paterson 87*

(9) GRA; *Phillips & Van Rensburg 2113* (9) J; *Thode s.n.* NH17784 (9) NH; *Thode A704* (9) NH; *Zeyher 4140* (9) BOL.

*Codd 2215* (10) PRE; *Du Plessis 679* (10) PRU; *Du Plessis 679a* (10) PRU; *Gilliland 26127* (10) PRE; *Gilliland s.n.* - March 1955 (10) J (cultivated); *Leeman s.n.* - Sept. 1928 (10) PRE; *Leendertz 312(4072)* (10) PRE; *Reddy, Reddy & Reddy 520* (10) NH; *Singh 613* (5) NH; *Smit 877* (10) PRU; *Strey 3956* (10) PRE; *Theron 161* (10) PRU; *Venter & Vorster 5* (10) PRE; *Verdoorn 525* (10) PRE; *West 387* (10) PRE; *Wright 1549* (10) NU; *Young A230* (10) PRE.

*Abbott 4949* (11) NH, UMTAMVUNA; *Abbott 5453* (11) NH, UMTAMVUNA; *Bester 3220* (11) PRU; *Bolus 8169* (11) BOL; *Codd 5759* (11) PRE; *Coetzee 2243a* (11) PRU; *Compton 21311* (11) NBG; *Devenish 1759* (11) PRE; *Dieterlen 229b* (11) NBG, NH; *Dold 679* (11) GRA; *Everson 215* (11) PRE; *Flanagan 1836* (11) PRE; *Greene 986* (11) NH; *Gibbs Russel 3456* (11) GRA; *Hilliard & Burtt 11947* (11) NU; *Hilliard & Burtt 11947* (11) PRE; *Hilliard & Burtt 16117* (11) NU; *Hilliard & Burtt 16805* (11) NU; *Hilliard & Burtt 17966* (11) NU; *Hilliard & Burtt 18039* (11) NU; *Hilliard & Burtt 18258* (11) NU; *Hilliard & Burtt 18411* (11) NU; *Hilliard & Burtt 18552* (11) NU; *Hilliard & Burtt 18749* (11) NU; *Hilliard & Burtt 18750* (11) NU; *Hilliard, Burtt & Manning 16039* (11) NU; *Jacobsen 1568* (11) PRE; *Johnstone 528* (11) NU; *Kluge 2652* (11) PRE; *Kurzweil 1313* (11) NBG; *MacOwan 104* (11) NBG; *Onderstall 1287* (11) PRE; *Rennie 1860* (11) NU; *Schmitz 7007* (11) PRE; *Singh 309* (11) NH; *Smuts & Gillett 2465* (11) PRE; *Strever 1202a* (11) NH; *Thode 2543* (11) NH; *Williamson 194* (11) J; *Wood 158* (11) NU.

*Acocks 10605* (12) NH, PRE; *Anonymous 350* (12) NU; *Balkwill, Williamson & Smith 9902* (12) NH; *Breyer s.n.* - Jan 1922 (12) PRE; *Bester 709* (12) NH; *Bester 1594* (12) NH; *Bester 2881* (12) PRU; *Bredenkamp 75* (12) PRU; *Codd 5912* (12) PRE; *Coetzee 279* (12) PRU; *Compton 27121* (12) NBG; *Compton 27121* (12) PRE; *Daly & Sole 512* (12) GRA; *Dieterlen 149* (12) NBG; *Eckhardt 319* (12) PRU; *Flanagan 1173* (12) BOL; *Flanagan 1173* (12) GRA; *Flanagan 1173* (12) NBG; *Flanagan 1173* (12) PRE; *Galpin 1603* (12) GRA; *Galpin 1603* (12) PRE; *Guillard 10100* (12) PRE; *Hartley 8353* (12) J; *Haygarth 77* (12) NH; *Heideman 116* (12) J; *Heideman 98* (12) J; *Hilliard & Burtt 17959* (12) NU; *Hilliard & Burtt 17959* (12) PRE; *Hilliard & Burtt 18272* (12) NU; *Hilliard & Burtt 8534* (12) NU; *Jacobsz 2274* (12) NBG; *Jacobsz 2274* (12) PRE; *Joubert 1182/30* (12) BOL; *Macnae 1169* (12) J; *Moll 1044* (12) PRE; *Moodley 2310* (12) J; *Moss 3337* (12) J; *Moss 10818* (12) J; *Moss 13585* (12) J; *Moss 17736* (12) J; *Ngwenya 2764* (12) NH; *Phillipson & Huctchings 91* (12) KEI; *Reid 584* (12) PRE; *Sim 1127 (666)* (12) NU; *Singh 539* (12) NH; *Singh 652* (12) NH; *Singh 805* (12) NH; *Singh & Wiland 726* (12) NH; *Singh & Wiland 687* (12) NH; *Singh & Wiland 725* (12) NH; *Singh & Wiland 741* (12) NH; *Smit 114* (12) PRU; *Smit 1423* (12) PRU; *Stalmans 611* (12) PRE; *Strey 10117* (12) NH; *Thode 2539* (12) NH; *Venter 10942* (12) UNIN; *Walker s.n.* PRE 38122 (12) PRE; *Willie 11673* (12) NH; *Wood 22296* (12) NBG; *Wood 91* (12) NU; *Wood. 97* (12) NU; *Wood 1011* (12) NH; *Young A126* (12) PRE; *Youthed 162* (5) NH.



*Acocks 16126* (13a) PRE; *Allen s.n.* GRA10287 (13a) GRA; *Anonymous I-PL30* (13a) NBG; *Anonymous s.n.* - Jan 1901 (13a) GRA; *Archibald 4101* (13a) PRE; *Bayer & MacClean 60* (13a) PRE; *Bolus 18782* (13a) BOL; *Bolus 22374* (13a) BOL; *Bradley 16* (13a) GRA; *Breyer s.n.* - Feb. 1921 (13a) PRE; *Chering s.n.* - Jan 1914 (13a) PRE; *Compton 17622* (13a) NBG; *Compton 23389* (13a) NBG; *Creed 3* (13a) GRA; *Dold 180* (13a) GRA; *Duthie 12* (13a) PRU; *Flanagan 813* (13a) BOL; *Flanagan 813* (13a) GRA; *Flanagan 813* (13a) NBG; *Fourcade 353* (13a) BOL; *Fourcade 353* (13a) GRA; *Fourcade 4189* (13a) BOL; *Fourcade 4196* (13a) BOL; *Fourcade 4548* (13a) BOL; *Fourcade 4548* (13a) PRE; *Fourcade 5364* (13a) BOL; *Fourcade 671* (13a) GRA; *Geel 23* (13a) GRA; *Guillarmod & Brink 64* (13a) GRA; *Guillarmod 10700* (13a) GRA; *Guillarmod 8238* (13a) GRA; *Hall 206* (13a) NBG; *Harries s.n.* - Feb 1930 (13a) BOL; *Hilner 185* (13a) GRA; *Hilner 185* (13a) PRE; *Hobson 1344* (13a) GRA; *Howe s.n.* 1979 (13a) GRA; *Howe s.n.* 1980 (13a) GRA; *Jessop 1010* (13a) GRA; *Johns s.n.* - April 1942 (13a) NBG; *JR & BR s.n.* - Oct 1931 (13a) BOL; *Lanham s.n.* - Jan 1980 (13a) GRA; *Lanham s.n.* - Jan. 1980 (13a) PRE; *Leighton 2619* (13a) BOL; *Lewis 3611* (13a) NBG; *Lombard s.n.* NBG727/35 (13a) NBG; *MacClean & Bayer 196* (13a) PRE; *MacOwan 1899* (13a) GRA; *MacOwan 1899* (13a) NBG; *Marloth 7490* (13a) PRE; *Moran 94* (13a) (KMG); *Muir 1827* (13a) BOL; *Nicholas & Smook 2444* (13a) PRE; *Paterson 1218* (13a) GRA; *Richardson 10* (13a) GRA; *Sim 1122* (13a) BOL; *Sim 1123* (13a) NBG; *Stanton 28* (13a) NU; *Starke 100/27* (13a) BOL; *Steyn 751* (13a) NBG; *Steytler s.n.* - Feb 1932 (13a) BOL; *Thode A1050* (13a) PRE; *Wirringhaus 224* (13a) GRA; *Wirringhaus s.n.* (13a) GRA.

*Blenkinson sub Moss 16037* (13b) J; *Booi 95* (13b) GRA; *Galpin 3085* (13b) PRE; *Hoare 476* (13b) PRU; *Lubke 2040* (13b) GRA; *Rogers 25480* (13b) GRA; *Scharf 1074* (13b) PRE; *Seagrief 4070* (13b) GRA; *Sim 657* (13b) NU; *Stirton 777* (13b) NU; *Theron 1692* (13b) PRE; *Van Dam s.n.* - Sep. 1918 (13b) PRE; *Van Wyk & Matthews 7946* (13b) KEI.

*Cloete 1104* (14) KEI; *Duthie 746* (14) BOL; *Ecklon & Zeyher 270* (14) NBG; *Gordon-Gray 666* (14) NU; *Johnson 9* (14) GRA; *Muir 1326* (14) PRE; *Muir 1827* (14) BOL; *Ofsowitz 9* (14) NBG; *Salisbury 76* (14) GRA; *Shackleton 412* (14) PRE; *Stokoe s.n.* - Mar. 1948 (14) NBG; *Thode A2398* (14) PRE; *Turner 70* (14) GRA; *Tyson 8514* (14) PRE; *Tyson s.n.* - May 1916 (14) PRE; *Whitehead 18* (14) GRA; *Williamson 97* (14) GRA.

*Fourcade 4498* (15) BOL; *Daly 767* (15) GRA; *Flanagan 2138* (15) GRA; *MacOwan 1594* (15) NBG; *Granger 3600* (15) KEI; *Hilliard & Burt 18712* (15) NU; *Hilliard & Burt 19051* (15) NU; *Flanagan 2843* (15) PRE; *Goossens 190* (15) PRE; *Goossens 193* (15) PRE; *Long 526* (15) PRE; *Bester 1343* (15) PRU; *Dieterlen s.n.* - Nov. 1918 (15) PRE; *Galpin s.n.* - Aug 1932 (15) BOL.

*Bester 2882* (16) PRU; *Bolus 8713* (16) BOL; *Cloete 1104* (16) GRA; *Daly 565* (16) GRA; *Emmerson 80* (16) GRA; *Fourcade 4134* (16) BOL; *Fourcade 535* (16) BOL; *Frankish 233* (16) NU; *GeoPotts 1688* (16) BOL; *Germishuizen 1185* (16) PRE; *Gibbs Russell 3420* (16) PRE; *Huckkloof 1072* (16) GRA; *J & R Rennie 140* (16) BOL; *Leighton 2780* (16) BOL; *MacOwan 1898* (16) NBG; *Malan s.n.* - Nov 1945 (16) NBG; *Rennie 140* (16) BOL; *Singh 645a* (16) NH; *Schonberg 2796* (16) GRA; *Schonland 3785* (16) GRA; *Schonland 4468* (16) PRE; *Schönberg 2796* (16) PRE; *White 1072* (16) GRA.

*Abbott 4585* (17) NH, PRU, UMTAMVUNA; *Abbott 5423* (17) NH, UMTAMVUNA; *Abbott 5551* (17) NH, UMTAMVUNA; *Abbott 6124* (17) PRU; *Acocks 12946* (17) PRE; *Allsopp 728* (17) NH; *Allsopp 921* (17) NH; *Archibald 9* (17) GRA; *Archibald 42* (17) GRA; *Arnell 367* (17) NH; *Arnell 395* (17) NH; *Arnell & Abbott 169* (17) NH; *Balkwill & Balkwill 4554* (17) J; *Balkwill & Balkwill 4889* (17) J; *Bandert 24* (17) GRA; *Bayliss 2547* (17) NBG; *Bester 740* PRU; *Bester 1384* (17) NH; *Braun 455* (17) PRE; *Codd & Dyer 6250* (17) PRE; *Compton 27211* (17) PRE; *Cooke 20* (17) NH; *Edwards & Potgieter 1692* (17) NH; *Fairall 57* (17) NBG; *Fakude 15* (17) NH; *Greene 415* (17) NH; *Hilliard & Burt 13729* (17) PRE; *Hilliard & Burt 18644* (17) PRE; *Hutchinson, Forbes & McClean 52* (17) NH; *Jacobsz 3943* (17) PRE; *Lansdell NH34266* (17) NH; *Lawn 783* (17) NH; *Lawn 1746* (17) NH; *Levett 25* (17) NH; *Makötter 8692* (17) NH; *Milner NH23260* (17) NH; *Mogg 3449* (17) PRE; *Ngwenya 419* (17) NH; *Ngwenya 486* (17) NH; *Ngwenya 3189* (17) NH; *Ram s.n.* - Mar. 1974 (17) J; *Rogers 24583* (17) NH; *Ross 159* (17) NH; *Rudatis 1748* (17) PRE; *Schonland 4144* (17) GRA; *Singh & Baijnath 419* (17) NH; *Singh & Wiland 695* (17) NH; *Strey 5170* (17) NH; *Symons s.n.* TM15702 (17) PRE; *Taylor 5376* (17) NBG; *Thode 2533* (17) NH, PRE; *Trauseld 869* (17) PRE; *Ward 1448* (17) NH; *Ward 1655* (17) NH; *Williams 536* (17) NH; *Wood 327* (17) NH; *Wood, S.E. 77* (17) J; *Wood, S.E. 78* (17) J; *Wood, S.E. 83* (17) J; *Wylie NH28020* (17) NH; *Young 2255* (17) PRE.

*Abbott 1245* (18a) PRU; *Acocks 11071* (18a) PRE; *Acocks 12946* (18a) NH; *Adamson D279* (18a) PRE; *Archibald 3825* (18a) GRA; *Archibald 3843* (18a) GRA; *Archibald 4546* (18a) GRA; *Archibald 5087* (18a) GRA; *Balkwill & Balkwill 9375* (18a) J; *Barker 2124* (18a) NBG; *Bayliss 5649* (18a) PRE; *Bester 1187* (18a) NH; *Beyde 301* (18a) NBG; *Bolus 198* (18a) BOL; *Botha 2868* (18a) PRE; *Bredenkamp 76* (18a) PRU; *Chan 51* (18a) GRA; *Cloete 511* (18a) NH; *Cloete 1565* (18a) GRA, NH; *Coleman 748* (18a) NH; *Cotterrell 63* (18a) GRA; *Court 432* (18a) GRA; *Creed 2* (18a) GRA; *Daly & Cherry 944* (18a) GRA; *Daly & Cherry NH12735*; *Daly & Sole 304* (18a) GRA; *Daly 766* (18a) GRA; *Devenish 1776* (18a) PRE; *Dieterlen 176* (18a) NBG; *Dieterlen 176* (18a) PRE; *Dold & Boo 477* (18a) GRA; *Dold 1134* (18a) GRA; *Dold 883* (18a) GRA; *Du Toit 55* (18a) PRE; *Engelbrecht 809* (18a) PRE; *Esterhuysen 6562* (18a) BOL; *Fourcade 4424* (18a) BOL; *Galpin 1814* (18a) GRA; *GeoPotts 649* (18a) BLFU; *Gilliland s.n.* - Nov. 1952 (18a) J; *Gonlimis s.n.* - April 1944 (18a) BOL; *Goossens 192* (18a) PRE; *Granger 3870* (18a) KEI; *Green 265* (18a) NH; *Hargreaves 3840* (18a) NU; *Heideman s.n.* - April 1978 (18a) J; *Hill 16* (18a) GRA; *Hobson 1255* (18a) GRA; *Hobson 1275* (18a) GRA; *Johnson 764* (18a) GRA; *Keytel 28* (18a) PRE; *Köhler 14* (18a) PRU; *Leighton 835/33* (18a) BOL; *Lucas 19* (18a) J; *Maguire 25552* (18a) J; *Mauve 3* (18a) NU; *Mogg 16223* (18a) PRE; *Mogg 3479* (18a) PRE; *Mogg 3449A* (18a) PRE; *Mogg 34572* (18a) J; *Moss 10819* (18a) J; *Moss 11932* (18a) J; *Moss 13492* (18a) J; *Moss 5576* (18a) J; *MRL 3154* (18a) BOL; *Ngwenya 1478* (18a) NH; *Nicholas 1055* (18a) NH; *Nombekela 118* (18a) NH; *Nombekela 13* (18a) NH; *Pahl 370* (18a) GRA; *Peacock SBP 062* (18a) NH; *Peeters, Gericke & Burelli 347* (18a) J; *Pegler 689* (18a) BOL; *Pienaar 72A* (18a) NU; *Reddy, Reddy & Reddy 726* (18a) NH; *Reed 73* (18a) GRA; *Rennie 222* (18a) GRA; *Repton 3604* (18a) PRU; *Riddles 45* (18a) PRE; *RVC Biology Camp s.n.* - Feb 1944 (18a) GRA; *Saaiman 277* (18a) PRE; *Schlechter 2492* (18a) GRA; *Schlechter 2492* (18a) J; *Schlechter 2948* (18a) NH; *Schmitz 6218* (18a) PRE; *Schmitz 6732* (18a) PRE; *Schmitz 8021* (18a) PRE; *Scully 107* (18a) NBG; *Sim 673* (18a) NU; *Singh & Baijnath 239* (18a) NH; *Singh & Baijnath 249* (18a) NH; *Singh & Baijnath 260* (18a) NH; *Singh & Baijnath 420* (18a) NH; *Singh & Baijnath 700* (18a) NH; *Singh & Wiland 229*

(18a) NH; *Singh & Wiland 661* (18a) NH; *Singh & Wiland 664* (18a) NH; *Singh & Wiland 719* (18a) NH; *Singh & Wiland 745* (18a) NH; *Singh & Wiland 749* (18a) NH; *Singh & Wiland 752* (18a) NH; *Singh 532* (18a) NH; *Singh 536* (18a) NH; *Singh 537* (18a) NH; *Singh 795* (18a) NH; *Singh 818* (18a) NH; *Singh 822* (18a) NH; *Singh 829* (18a) NH; *Singh, Baijnath & Johnson 211* (18a) NH; *Smook 2135* (18a) PRE; *Sole 393* (18a) GRA; *Story 2115* (18a) PRE; *Strever 249* (18a) NH; *Strey 10524* (18a) NH; *Survey: Thos Baines Nature Reserve s.n.* - April 1969 (18a) GRA; *Sutton 501* (18a) GRA; *Taylor 108* (18a) J; *Taylor 5946* (18a) NBG; *Theron 780* (18a) PRU; *Thode 2545* (18a) PRE; *Thode A703* (18a) NH; *Tuko 1* (18a) NH; *Tyson 1095* (18a) BOL; *Tyson 1095* (18a) NBG; *Tyson 480* (18a) BOL; *Van Ginkel 294* (18a) PRE; *Van Rensburg s.n.* (18a) J; *Van Rooyen 2524* (18a) PRU; *Van Wyk 2376* (18a) PRU; *Venter s.n.* - Nov. 1985 (18a) PRU; *Victor 857* (18a) GRA; *Walker s.n.* - Oct. 1952 (18a) J; *Walker s.n.* - Oct. 1952 (18a) PRE; *Wenger 281* (18a) PRE; *Wenger 315* (18a) PRE; *Wirminghaus 372* (18a) GRA; *Zeyher 950* (18a) NBG; *Zietsman 2586* (18a) NH;

*Abbott 152* (18b) PRU, UMTAMVUNA; *Abbott 1245* (18b) NH *Abbott 4688* (18b) NH, PRU UMTAMVUNA; *Abbott 6124* (18b) NH; *Balkwill, Hartley & Reddy 8352* (18b) J; *Balkwill, Hartley & Reddy 8366* (18b) J; *Barrett 446* (18b) PRE; *Bayliss 8072* (18b) GRA; *Bester 924* (18b) NH, PRU; *Bezuidenhout 105* (18b) PRE; *Blenkinson sub Moss 14498* (18b) J; *Brusse s.n.* - Dec 1978 (18b) J; *Burt-Davy 15033* (18b) J; *Codd 1849* (18b) PRE; *Collins s.n.* TM 7017 (18b) PRE; *De Lange FA1316* (18b) (KMG); *De Lange FA1334* (18b) PRE; *Dieterlen 536* (18b) PRE; *Dieterlen s.n.* - Oct. 1918 (18b) PRE; *Du Preez 693* (18b) BLFU; *Evans 3998* (18b) BOL; *Flanagan 1174* (18b) PRE; *Frankish 255* (18b) NBG; *Freer 30* (18b) GRA; *Galpin 13840* (18b) PRE; *Galpin s.n.* - Oct 1934 (18b) BOL; *GeoPotts 5114* (18b) BLFU; *GeoPotts 548* (18b) BLFU; *Gillett 4599* (18b) BOL; *Gilliland s.n.* - Nov. 1951 (18b) J; *Hall 27* (18b) NH; *Jacobsz 2155* (18b) NBG; *Lewis 755* (18b) NBG; *Louw 686* (18b) PRE; *Ludick 6* (18b) PRU; *Macnae 1389* (18b) J; *MacOwan 1649* (18b) NBG; *Meldrum 49* (18b) GRA; *Mogg 3479A* (18b) PRE; *Moll 4672* (18b) NH; *Moloi & Hiralal 8* (18b) NH; *Moss & Rogers 996* (18b) J; *Moss 14121* (18b) J; *Moss 17072* (18b) J; *Moss 17653* (18b) J; *Moss 17676* (18b) J; *Ngwenya 1533* (18b) NH; *Peters & Maguire s.n.* - Jan. 1995 (18b) J; *Phillip 932* (18b) NBG; *Phillips s.n.* PRE38026 (18b) PRE; *Retief 992* (18b) PRE; *Ross 45* (18b) NBG; *Rudatis 75* (18b) PRE; *Sandman s.n.* - Sept 1958 (18b) NBG; *Schlechter 2948* (18b) GRA; *Schmitz 9095* (18b) PRE; *Shirley s.n.* - Oct. 1964 (18b) NBG; *Singh 281* (18b) NH; ~~*Singh 286* (18b) NH~~; *Singh 290* (18b) NH; *Singh 362* (18b) NH; *Singh 425* (18b) NH; *Singh 434* (18b) NH; *Singh 569* (18b) NH; *Singh 616* (18b) NH; *Singh & Baijnath 240* (18b) NH; *Singh, Baijnath & Johnson 212* (18b) NH; *Singh & Baijnath 259* (18b) NH; *Singh & Baijnath 268* (18b) NH; *Singh & Govender 557* (18b) NH; *Smook 6023* (18b) PRE; *Smook 6436* (18b) PRE; *Steyn 933* (18b) NBG; *Stokoe s.n.* - Nov. 1949 (18b) NBG; *Strey 5986* (18b) NH; *Strey 7261* (18b) NH; *Thode A1296* (18b) NH; *Tyson 1095* (18b) NBG; *Tyson 480* (18b) NBG; *Van Dam s.n.* - April 1917 (18b) PRE; *Van Staden 1327* (18b) GRA; *Van Wyk 3865* (18b) PRU; *Victor 886* (18b) PRE; *Williams 481* (18b) NH; *Wood 101* (18b) NBG; *Wylie NH27957* (18b) NH; *Young & Moss 567* (18b) J; *Young 1105* (18b) J; *Zietsman 2483a* (18b) (KMG).

*Bremer & Ackerman 43* (19) J; *Burgoyne 422* (19) PRU; *Burgoyne 703* (19) PRU; *Burn 2121* (19) PRE; *Burrows 4744* (19) J; *Compton 24578* (19) NBG; *Compton 25210* (19) PRE; *Compton 26991* (19) NBG; *Compton 26991* (19) PRE; *Compton 30100* (19) PRE; *Compton 32165* (19) PRE; *Curator Pretoria Botanic*

*Garden 1399* (19) PRE; *Davidson s.n.* (19) J; *Dold 2631* (19) GRA; *Drews 105* (19) PRE; *Galpin s.n.* - Nov 1937 (19) BOL; *Jacobsz 2982* (19) PRE; *Moss 15426* (19) J; *Raal 1006* (19) PRE; *Smit 1091* (19) PRU; *Van der Zeyde s.n.* NBG196/72 (19) NBG; *Venter 10890* (19) UNIN; *Venter 11137* (19) PRU; *Venter 11137* (19) UNIN; *Young 1787* (19) J.

*Morley 84* (20) PRE; *Paterson 3395* (20) GRA; *Schönberg s.n.* - Sept. 1899 (20) GRA; *Singh 624* (20) NH.

*Compton 19195* (21) NBG; *Lewis 3009* (21) NBG; *Muir 2843* (21) PRE; *Sim 653* (21) NU; *Sim 1500* (21) BOL; *Stokoe s.n.* - May 1950 NBG; *Wilman 975* (21) BOL; (21).

*Devenish 1174* (22) NH; *Heideman 110* (22) J; *Jenkins s.n.* - Nov. 1910 (22) PRE; *McDonald 246* (22) NU; *Moss 13657* (22) J; *Moss 17735* (22) J; *Moss 7982* (22) J; *Moss 8378* (22) J; *Robertse 636* (22) PRU; *Singh 157* (22) NH; *Singh 456* (22) NH; *Wood, S.E. 130* (22) NU.

*Abbott 2089* (23) NH, UMTAMVUNA; *Abbott 5417* (23) NH, PRU, UMTAMVUNA; *Abbott 5545* (23) PRU, UMTAMVUNA; *Acocks & Hafstrom 256* (23) PRE; *Acocks 10587* (23) NH; *Acocks 9301* (23) PRE; *Acocks 11771* (23) NH; *Arnell & Abbott 138* (23) NH; *Baijnath 187* (23) PRE; *Balkwill 7855* (23) J; *Balkwill 9423* (23) J, PRE; *Balkwill M.S. 1.51* (23) J; *Balkwill & Balkwill 4735* (23) J; *Balkwill & Balkwill 5220* (23) J; *Balkwill, Balkwill & Green 5366* (23) J; *Bayliss 2379* (23) NBG; *Beattie 45* (23) NU; *Bester 23* (23) PRU; *Bester 1187* (23) PRU; *Beverley 347* (23) PRE; *Bews 647* (23) NU; *Bloem 186* (23) PRE; *Bodenstein 129* (23) NH; *Bolus 8711* (23) BOL, PRE; *Bolus 10656* (23) BOL; *Bolus 12359* (23) BOL; *Bradfield s.n.* - Sept. 1934 (23) PRE; *Breyer 17953* (23) PRE; *Breyer s.n.* - Jan. 1918 (23) PRE; *Brown & Shapiro 16* (23) PRE; *Buitendag 407* (23) PRE; *Burgoyne 499* (23) PRU; *Burgoyne 682* (23) PRU; *Burrows & Burrows 5005* (23) PRE; *Cloete 862* (23) NH; *Codd & Winter 3289* (23) PRE; *Codd 3181* (23) PRE; *Codd 5750* (23) PRE; *Codd 6659* (23) PRE; *Collins s.n.* - Nov. 1912 (23) PRE; *Collins TM13202* (23) PRE; *Compton 19724* (23) NBG; *Compton 24518* (23) NBG; *Compton 26129* (23) NH; *Compton 27149* (23) NBG, NH; *Compton 28249* (23) NBG, NH; *Compton 29266* (23) NBG, NH; *Cron 204* (23) J; *Crook 52* (23) NH; *Culverwell 570* (23) PRE; *Davidson 2007* (23) J; *Davidson 2450* (23) UMTAMVUNA; *Davidson s.n.* - Oct. 1978 (23) J; *Deall 2616* (23) PRE; *Devenish 691* (23) PRE; *Devenish 765* (23) PRE; *Devenish 1521a* (23) NU; *Devenish 1757* (23) PRE; *Dieterlen 650* (23) NH, NBG, PRE; *Dold 997* (23) GRA; *Dold, Cloete & White 2973* (23) GRA; *Dove 16* (23) NBG, PRE; *Drews 11* (23) PRE; *Du Plessis 581* (23) PRE, PRU; *Du Plessis 1220* (23) PRU; *Du Preez 1128* (23) BLFU; *Dyer 1763* (23) GRA; *Dyer s.n.* (23) J; *Ellery & Ellery 92/207* (23) J; *Esterhuysen 28034* (23) BOL; *Everson 212* (23) PRE; *Flanagan 2771* (23) NBG; *Forrester & Gooyer 75* (23) PRE; *Fourcade 4475* (23) BOL, NBG; *Galpin 1101* (23) BOL, NBG, NH, PRE; *Galpin 10244* (23) PRE; *Galpin s.n.* - Aug. 1932 (23) BOL; *Gerstner 2597* (23) BOL; *Getliffe, Hearne & Kerfoot 54* (23) J; *Gilfilland 1424* (23) PRE; *Glen 2315* (23) NH, PRE; *Goodman s.n.* (23) J; *Gordon 121* (23) NH; *Greene 1166* (23) NH; *Greene 1169* (23) NH; *Harrison 21* (23) NH; *Hartley 1468* (23) J; *Haygarth 75* (23) NH; *Henrici 1038* (23) PRE; *Henrici 1161* (23) PRE; *Hewitt PRE57481* (23) PRE; *Hillary 6* (23) NU; *Hilliard 8170* (23) NU;

*Hilliard & Burt* 6239 (23) NU; *Hilliard & Burt* 9508 (23) NU; *Hilliard & Burt* 11766 (23) PRE; *Hilliard & Burt* 17791 (23) PRE; *Hilliard & Burt* 18783 (23) NU; *Hilliard & Burt* 19063 (23) NU; *Hobson* 258 (23) GRA; *Hobson* 547 (23) GRA; *Holt* 27 (23) PRE; *Hone* 28 (23) PRE; *Hutchings* 663 (23) KEI, NU; *Hutchings & Plumstead* 1768 (23) KEI; *Isaacs* 297 (23) PRE; *Jacobsen* 1437 (23) PRE; *Jacobsz* 1300 (23) PRE; *Jacobsz* 1661 (23) PRE; *Janse* 3023 (23) PRE; *Jordaan* 634 (23) NH; *Jordaan* 1091 (23) NH; *Jordaan* 2497 (23) PRE; *Junod* 159 (23) PRE; *Junod* 4132 (23) PRE; *Kerfoot* s.n. - Oct. 1979 (23) J; *Killick & Strey* 2697 (23) PRE; *King* 291 (23) PRE; *Kluge* 1377B (23) PRE; *Kluge* 1385 (23) PRE; *Kluge* 1402 (23) PRE; *Kowarsky sub Moss* 12082 (23) J; *Lawn* 53 (23) NH; *Lawn* 1187 (23) NH; *Leendertz* 4071 (23) PRE; *Leendertz* 7350 (23) PRE; *Leendertz* TM7907 (23) PRE; *Leibenberg* 7499 (23) PRE; *Leipoldt* s.n. - Nov. 1917 (23) PRE; *Linley* 209 (23) J; *Lubke* 415 (23) NH, PRU; *MacDevette* 1798 (23) NH; *Maguire* s.n. - Nov 1943 (23) J; *Maguire* s.n. - Oct. 1943 (23) J; *Martin* 63 (23) NU; *Martin* 476 (23) NBG; *Martin* 8948 (23) GRA; *Matthews* 1234 (23) NH, PRU; *Matthews* 1257 (23) NH, PRU; *Matthews* 337 (23) PRE, PRU; *Matthews* 719 (23) PRE; *Matthews* 931 (23) PRE, PRU; *Mauve & Venter* 5198 (23) PRE; *Mbhele* 4 (23) NH; *McClellan* 11a (23) NH; *McKnown* 54 (23) NU; *Mes* PRE57482 (23) PRE; *Meyer* 2654 (23) PRE; *Miller* 3010 (23) PRE; *Mogg* 4485 (23) PRE; *Mogg* 4486 (23) PRE; *Mogg* 5882 (23) PRE; *Mogg* 33288 (23) J; *Moll* 251 (23) NU; *Moll* 2545 (23) PRE; *Moll* 3394 (23) PRE; *Moll* 4755 (23) NH; *Moss* 3334 (23) J; *Moss* 15428 (23) J; *Moss* 15428 (23) PRE; *Moss* 17125 (23) J; *Moss sub Moss* 18515 (23) J; *Mugwedi* 1478 (23) J, PRE; *Muller & Viljoen* 2 (23) PRE; *Ngcobo* 109 (23) NH; *Ngwenya* 420 (23) NH; *Ngwenya* 683a (23) NH; *Ngwenya* 790 (23) NH, PRE; *Ngwenya* 1058 (23) NH; *Ngwenya* 1468 (23) NH; *Ngwenya* 1740 (23) NH; *Nicholas & Button* 1981 (23) NH; *Nicholas & Smook* 2443 (23) NH, PRE; *Niekerk* 7524 (23) PRE; *Noome* TM20786 (23) PRE; *Page sub Moss* 15934 (23) J; *Peacock* 86 (23) NH; *Phillipson* 3199 (23) GRA, PRE; *Phillipson & Furness* 95 (23) PRE; *Pienaar* 72 (23) NU; *Pooley* 2287 (23) NU; *Pott-Leendertz* 4686 (23) PRE; *Pott-Leendertz* 5167 (23) BOL, PRE; *Pott-Leendertz* 5456 (23) PRE; *Prior* 247 (23) PRE; *Puff* 781224 – 3/1 (23) J; *Reid* 413 (23) PRE; *Reid* 1768 (23) PRE; *Reid* 1922 (23) PRE; *Rennie* 85 (23) NU; *Rennie* 687 (23) NU; *Repton* 3512 (23) PRE; *Repton* 4090 (23) PRE; *Repton* 4725 (23) PRE; *Repton* 5780 (23) PRE; *Reynolds* s.n. (23) PRE; *Robbertse* 634 (23) PRU; *Rogers* 2539 (23) GRA; *Rogers* 21416 (23) GRA; *Ross* 5 (23) NH; *Rudatis* 1151 (23) NH; *Ruddock* 41 (23) NU; *Saunders* s.n. (23) BOL; *Schelp* 920 (23) NH, NU; *Schmitz* 7037 (23) PRE; *School, College* 48 (23) PRE; *Schrire* 595 (23) NH; *Schrire* 597 (23) NH; *Schrire* 612 (23) NH; *Shirley* 90 (23) NU; *Siebert & Siebert* 2236 (23) PRE; *Sikhakhane* 186 (23) NH; *Sim* 644 (23) NU; *Singh* 305 (23) NH; *Singh* 388 (23) NH; *Singh* 443 (23) NH; *Singh* 454 (23) NH; *Singh* 592 (23) NH; *Singh* 601 (23) NH; *Singh* 644 (23) NH; *Singh* 821 (23) NH; *Singh & Baijnath* 270 (23) NH; *Singh & Cloete* 586 (23) NH; *Singh & Govender* 427 (23) NH; *Singh & Wiland* 750 (23) NH; *Smit* 73 (23) PRE, PRU; *Smit* 1331 (23) PRU; *Soloman* 61 (23) NU; *Spies* 1472 (23) PRE; *Stalmans* 235 (23) PRE; *Steyn* 973 (23) NBG; *Stirton* 203 (23) NU; *Stirton* 444 (23) NU; *Strey* 2850 (23) PRE; *Strey* 4474 (23) NH; *Strey* 5538 (23) NH; *Strey* 6838 (23) PRE; *Strey* 10023 (23) NH; *Strey* 10522 (23) NH; *Taylor* 5047A (23) NBG; *Thode* 2535 (23) NH, PRE; *Thode* 2536 (23) NH, PRE; *Thode* A1646 (23) NH, PRE; *Thom & Gillham* 3320 (23) PRE; *Thomas* 23 (23) NBG; *Van Dam* TM26307 (23) PRE; *Van der Zeyde* 594 (23) NBG; *Van der Zeyde* s.n. - Nov. 1969 (23) NBG; *Van Rensburg* s.n. - Nov. 1939 (23) J; *Van Wyk* 12534 (23) PRU; *Venter* 950 (23) PRE; *Venter* 10896 (23) UNIN; *Venter* 11093 (23) PRE, UNIN; *Ward* 1484 (23) NH; *Ward* 4284 (23) NH, NU; *Ward & Begg* 11349 (23) NH, PRE; *Ward & Rajh* 11673 (23) NH; *Ward, M.C.* 1553 (23) NH;

*Wiley NH21683* (23) NH; *Williams 480* (23) NH; *Williams 689* (23) NH; *Williams 1135* (23) NH; *Williams 1141* (23) NH; *Williamson 324* (23) J; *Wilsenach s.n. - Oct. 1958* (23) J; *Wilson 31* (23) NU; *Wood, S.E. 81* (23) J; *Wood, S.E. 101* (23) J; *Wood, S.E. 126* (23) NU; *Wood, S.E. 151* (23) NU; *Wood, S.E. 163* (23) NU; *Wood 1030* (23) NH, NBG; *Wood 4660* (23) NBG (Rhodohypoxis); *Wood 9293* (23) NH; *Wright 1566* (23) NU; *Wright 1958* (23) NU; *Wright 2258* (23) NU; *Young A146* (23) PRE; *Young A159* (23) PRE; *Young A257* (23) PRE; *Young A437* (23) PRE; *Young 1863* (23) PRE; *Young & Young 1402* (23) J; *Youthed 193* (23) PRE.

*Balkwill, Manning & Meyer 1075* (24) NU; *Devenish 1521* (24) NU; *Hoener 1623* (24) PRE; *Strever 1376* (24) NH.

*Abbott 657* (25) NH, UMTAMVUNA; *Abbott 2266* (25) UMTAMVUNA; *Barker 17716* (25) NBG; *Gordon-Gray 949* (25) NU; *Strever 1376* (25) NH; *Strey 5990* (25) NH, PRE; *Van Wyk 5111* (25) PRU.

*Abbott 403* (26a) NH; *Abbott, 644* (26a) NH, UMTAMVUNA; *Abbott, 2863* (26a) PRU, UMTAMVUNA; *Abbott, 3323* (26a) UMTAMVUNA; *Abbott, 6519* (26a) PRU, UMTAMVUNA; *Acocks 9331* (26a); *Acocks 9517* (26a) PRE; *Acocks 10832* (26a) PRE; PRE; *Baker s.n. TM 14173* (26a) PRE; *Bankes 1326/28* (26a) BOL; *Barker 7951* (26a) NBG; *Bokelmann 1-PL9* (26a) NBG; *Botany III field trip (Puff)* (26a) 55 J; *Bourquin 147* (26a) NU; *Britten, 853* (26a) GRA; *Bross s.n.* (26a) NU; *Cawe 206* (26a) UNIN; *Codd 8157* (26a) PRE; *Dahlstrand 1793* (26a) GRA; *Dahlstrand 1793* (26a) PRE; *Dieterlen 536* (26a) PRE; *Dieterlen 639* (26a) NBG, PRE; *Dlamini 11* (26a) NH; *Dold, 584* (26a) GRA; *Drummer 2437a* (26a) NBG; *Duthie 735* (26a) J; *Flanaganii 1174* (26a) NBG; *Fourcade 535* (26a) GRA; *Furness & Phillipson 342* (26a) PRE; *Galpin 3343* (26a) PRE; *Garabedien s.n.* (26a) NBG; *Gemmell s.n.* (26a) BLFU; *Geo Potts 2877* (26a) BLFU; *Germishuizen 3143* (26a) PRE; *Gordon-Gray 696* (26a) NH; *Gordon-Gray 1015* (26a) GRA; *Gordon-Gray 237* (26a) NU; *Guillarmod 387* (26a) PRE; *Haygarth s.n. TM 22309* (26a) PRE; *Hemm 390* (26a) J; *Hilliard & Burt 11899* (26a) PRE; *Hobson 576* (26a) GRA; *Howlett & Howlett 36468* (26a) PRE; *Hutchings 752* (26a) NU; *Hutchings 752* (26a) UNIN; *Hutchings 943* (26a) UNIN; *Karsten s.n. PRE61038* (26a) PRE; *Kerfoot K7225* (26a) J; *Liebenberg 6787* (26a) PRE; *Lillieciona 6* (26a) NU; *Lubbe, 137* (26a) PRU; *Lussem 50* (26a) NBG; *Mogg 13316* (26a) PRE; *Mogg 13946* (26a) PRE; *Mogg 27231* (26a) J; *Mogg 27348* (26a) J; *Mogg 27455* (26a) J; *Mogg 28321* (26a) J; *Mogg 29870* (26a) J; *Mogg 29926* (26a) J; *Mogg s.n.* (26a) PRE; *Moll 251* (26a) NBG; *Moll 2860* (26a) PRE; *Moss & Rogers 483* (26a) J; *Moss & Rogers 931* (26a) J; *Moss 19744* (26a) J; *Moss s.n. - Jul 1944* (26a) J; *Muller 2073* (26a) PRE; *Müller 333* (26a) NBG; *Müller 369* (26a) NBG; *Nass s.n.* (26a) NBG; *Nicholas & Perks 1495* (26a) PRE; *Nicholas & Smook 2414* (26a) UNIN; *O'connor 102* (26a) PRE; *Oliver 6733* (26a) PRE; *Peeters, Gericke & Burelli 611* (26a) PRE; *Peters, Gericke & Burelli 611* (26a) J; *Phillips 679* (26a) NBG; *Phillips 729* (26a) NBG; *Phillips 744* (26a) NBG; *Pienaar 678* (26a) PRE; *Pooley 105* (26a) NU; *Puff 78/220 - 1/3* (26a) J; *Roberts 2349* (26a) PRE; *Scheepers 34* (26a) PRE; *Schmitz 4472* (26a) PRE; *Schyff 4679* (26a) PRU; *Schyff 5908* (26a) PRU; *Sim 642* (26a) NU; *Stalmans 269* (26a) PRE; *Stam 39* (26a) PRE; *Strever 804* (26a) PRE; *Strey 5974* (26a) NU; *Strey 9149* (26a) PRE; *Tod 18* (26a) NU; *Vahrmeijer & Tolken 908* (26a) PRE; *Van der Meulen 611-128* (26a) PRE; *Van der Schiff 5908* (26a) PRE; *Venter 2638* (26a) PRE; *Von Fintel 52* (26a) NH; *Vorster 328e* (26a) PRE; *Ward 4131* (26a) NU; *Weintraub sub Moss 17124* (26a) J; *Weintraub*

*sub Moss 17328* (26a) J; *Williams 944* (26a) NH; *Wilsenach s.n.* - Dec 1963 (26a) J; *Wilsenach s.n.* (26a) PRE; *Wood 6633* (26a) NH; *Wylie s.n.* TM 34325 (26a) PRE; *Young 15016* (26a) J.

*Abbott, 644* (26b) UMTAMVUNA; *Abbott 2863*(26b) NH; *Abbott 5374* (26b) NH; *Archibald 4946* (26b) GRA; *Arnell & Abbott 122*(26b) NH; *Braun 1247* (26b) PRE; *Braun 896* (26b) PRE; *Cloete 5819*(26b) NH; *Cloete 5859*(26b) NH; *De Vries 85* (26b) PRE; *Edwards 261* (26b) NU; *Edwards 850* (26b) PRE; *Gerstner NH22261*(26b) NH; *Hall 16* (26b) NU; *Haygarth 70*(26b) NH; *Hilliard & Burt 18832* (26b) NU; *Hutchings 648* (26b) KEI; *Kluge 320* (26b) PRE; *Kluge 320* (26b) PRU; *Leendertz s.n.* TM11975 (26b) PRE; *Louw 2415* (26b) PRE; *MacDevette 284* (26a) NH; *Matthews 1134* (26a) NH; *Mogg 4487* (26b) PRE; *Mogg 881* (26b) PRE; *Nicholas & Smook 2463* (26b) PRE; *Nicholson 2525*(26b) NH; *Ngwenya 1741*(26b) NH; *Peacock s.n.* - Jan 1953 (26b) NBG; *Pegler 690* (26b) BOL; *Pegler 690* (26b) PRE; *Phillipson 1194* (26b) PRE; *Rudatis 1467*(26b) NH; *Singh 590* (26b) NH; *Singh 449* (26b) NH; *Singh & Baijnath 483* (26b) NH; *Singh & Wiland 759* (26a) NH; *Strey 4386* (26a) NH; *Strey 6879* (26b) NH, PRE; *Strey 9146* (26b) NH; *Venter 1038* (26b) PRE; *Ward 10983* (26b) NH, NU; *Wood 426*(26b) NH; *Wood, S.E 146* (26b) NU; *Wood, S.E 180* (26b) NU; *Wylie NH27962*(26b) NH.

*Abbott 638* (27) PRU, UMTAMVUNA; *Abbott 6528* (27) PRE; *Bourquin 708* (27) PRE; *Davidson 2548* (27) J, UMTAMVUNA; *Dold 1439* (27) GRA; *Flanagan 1172* (27) GRA; *Flanagan 1172* (27) NBG; *Galpin 5810* (27) GRA; *Galpin 5810* (27) NBG; *Glen 274* (27) GRA, NH; *Glen 274* (27) J; *Glen 274* (27) UMTAMVUNA; *Hilliard s.n.* - Mar 1964 (27) NU; *Hutchings 956* (27) KEI; *Kloppers s.n.* PRE33560 (27) PRE; *Nicholson 713* (27) PRE; *Ngwenya 481* (27) NH; *Nombekela 366* (27) NH; *Ottley 2545* (27) J; *Pegler 109C* (27) PRE; *Rudatis 1196* (27) NH; *Smith 3770* (27) PRE; *Strey 10241* (27) NH, PRE; *Taylor 3710* (27) NBG; *Thorncroft 634* (27) NH; *Thorncroft 1063* (27) J; *Tyson 2880* (27) BOL; *Tyson 2880* (27) NBG.

*Abbott 4764* (28a); *Abbott 6592* (28a); *Abbott 5429* (28a); *Acocks 11833* (28a) NH; *Balkwill & Balkwill 5194* (28a) J; *Bester 1825* (28a) NH; *Compton 27243* (28a) NBG; *Compton 27243* (28a) PRE; *Compton 29335* (28a) NBG; *Cron et al. 150* (28a) J; *Davidson s.n.* J074537 (28a) J; *Galpin 10382* (28a) PRE; *Greene 426* (28a) NH ; *Greene 886* (28a) NH; *Hilliary 60* (28a) NU; *Hutton 122* (28a) GRA; *Jacobz 4865* (28a) NBG, PRE; *Maurice & Evans 438* (28a) NH; *Mohle 96* (28a) PRE; *Moss 15429* (28a) J; *Paton 332* (28a) PRE; *Saltmarsh 1049* (28a) PRE; *Trauseld 683* (28a) NU; *Thode 5293* (28a) NH; *Van Der Schyff 4818* (28a) PRE; *Van Der Schyff 4818* (28a) PRU; *Van Wyk 2849* (28a) PRE; *Van Wyk 2849* (28a) PRU; *Venter 11084* (28a) UNIN; *Venter 11138* (28a) UNIN; *Von Fintel 646* (28a) NH; *West 1404* (28a) NH; *Wood 862* (28a) NH; *Wood s.n.* NBG22265 (28a) NBG; *Wood s.n.* TM12833 (28a) PRE; *Wright 2388* (28a) NU.

*Abbott 4764* (18b) NH; *Abbott 5429* (28b) NH, UMTAMVUNA; *Abbott 6592* (18b) NH; *Acocks 11833* (28b) NH; *Balkwill & Balkwill 4988* (28b) J; *Balkwill & Cadman 2792* (28b) J; *Bamps 7145* (28b) PRE; *Bester 1825* (28b) NH; *Bokkelman 9* (28b) NBG; *Fisher 724* (28b) NH; *Greene 426* (28b) NH; *Greene 886* (28b) NH; *Hilliard & Burt 9058* (28b) NU; *MacDavette 1374* (28b) PRE; *Marais 1428* (28b) PRE; *Maurice & Evans 438* (28b) NH; *Thode 5293* (28b) NH ; *Thomas 17* (28b) NBG; *Van Wyk 12541* (28b) PRU; *Van Wyk 7170* (28b)

PRU; *Venter 11344* (28b) PRU; *Venter 11344* (28b) UNIN; *Von Fintel 646* (28b) NH; *West 1404* (28b) NH;  
*Wood 862* (28b) NH; *Wood 3940* (28b) NH; *Wood 12077* (28b) NH; *Wright 1567* (28b) NU; *Wright 1600* (28b)  
NU.





Figure 12.1A.—*Hypoxis acuminata* (Singh 291).



Figure 12.1B.—*Hypoxis acuminata*.



Figure 12.2A.—*Hypoxis angustifolia* var. *angustifolia* (Lussem 50).



Figure 12.3A.—*Hypoxis angustifolia*. var. *angustifolia* (Singh & Baijnath 484).



Figure 12.3B,C.—*Hypoxis angustifolia*. var. *buchananii*.



Figure 12.4A.—*Hypoxis argentea* var. *argentea* (Singh 508).



Figure 12.4B.—*Hypoxis argentea* var. *argentea*.



Figure 12.5A.—*Hypoxis argentea* var. *sericea* (Singh 542).





Figure 12.5B.—*Hypoxis argentea* var. *sericea*.



Figure 12.6A.—*Hypoxis colchicifolia*. A. Habit x 0.5; B, View of corm from lower side x 0.5; C, Leaf, section, upper surface x 1; D, Half flower x 4; E, Outer tepal, abaxial view x 4; F, Inner tepal, abaxial view x 4; G, Tepal hair x 15; H, Stamen, back view x 6; I, Stamen, front view x 6; J, Stigma x 10. Illustration A–F ex hort, G, *Wood 161* (NU). Artist: A.J. Beaumont.



Figure 12.6B.—*Hypoxis colchicifolia* (Singh & Baijnath 264).



Figure 12.6C.—*Hypoxis colchicifolia*.



Figure 12.7A.—*Hypoxis costata* (Singh 300).



Figure 12.7B.—*Hypoxis costata*.



Figure 12.8A.—*Hypoxis filiformis* (Singh 462).



Figure 12.8B.—*Hypoxis filiformis*.





Figure 12.9A.—*Hypoxis flanaganii* (Singh 607).



Figure 12.9B.—*Hypoxis flanagani*.

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Figure 12.10.—*Hypoxis floccosa* (Lewis 3009).



Figure 12.11A.—*Hypoxis galpinii* (Ngwenya 1504).

NATAL HERBARIUM DURBAN		
3029 AB	Grid Ref./ Ruitverw.	Regio Eastern Cape
A.M.Ngwenya 1504	Legit & No.	Anno 11.11.1996 Alt. 5900ft.
<i>Hypoxis galpinii</i> Baker		
Mzinkulu District, Nsikeni Nature Reserve S.30°11'354 E.29°27'716 Well drained rocky grassland, soil Full sun, south western aspect, moderate slope, recently burnt Erect herb, tuber orange inside, turning brown as it dries, and eventually black. Flowers bright yellow with purplish maroon at the back of outer tepals. Inner tepals with broad green lines at the back. Common, c.18cm high		
A.M.Ngwenya	Det.	Ref./Verw. 1230

GP-S-(f)-B



Figure 12.11B.—*Hypoxis galpinii*.



Figure 12.12A.—*Hypoxis gerrardii* (Singh & Baijnath 419).



Figure 12.12B.—*Hypoxis gerrardii*.



Figure 12.13A.—*Hypoxis hemerocallidea* (Singh 631).





Figure 12.13B.—*Hypoxis hemerocallidea*.



Figure 12.14A.—*Hypoxis interjecta* (Singh 613).



Figure 12.14B.—*Hypoxis interjecta*.



**NATAL HERBARIUM (NH)** NH 130606.0

Regio KwaZulu-Natal, South Africa Grid ref. 29° 47' 43" 30° 11' 22" [2930CC] Alt. 1530 m Asp. SW	Legit Singh, Y. & no. 636 Date 17/10/2000
Hypoxis filiformis Baker	
Byrne Valley, Minerva Private Nature Reserve, 1.5km Northwest of Minerva House towards Dunbar Estate.	
Point data correct to 0-10m. Vegetation type: grassland. Substrate: soil. Moisture regime: well-drained. Soil type: loam. Exposure: full sun. Aspect: South West. Slope: gentle. Cormous erect, solitary, herb. Plant height: 8cm. Locally occasional. Tepals yellow. Recently burnt.	
Det. Y. Singh	Genspec no. 1230000 15

Figure 12.15A.—*Hypoxis kraussiana* (Singh 636).



Figure 12.15B.—*Hypoxis kraussiana*.



NATAL HERBARIUM DURBAN

2528 AD	Grid Ref./ Ruitverw.	Regio	Gauteng
Y.Singh & H.Baijnath 315	Legit. & No.	Anno	2.12.1997
		Alt.	1613m

*Hypoxis rigidula* Bak.  
var. *rigidula*

Heidelberg, along N3 between Villiers & Heidelberg, c.11.1/2 km before turnoff to R23 to Balfour  
S26°56'840" E28°33'886"  
Well drained grassland, soil  
Full sun, level ground  
Cormous erect herb  
Fruit green with white hairs  
Common  
c.45cm high  
Y.Singh

Det.	Ref./Verw.	1230
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GP S-(P)-B

*Hypoxis longifolia* Baker ex. Hook.f  
Det./Gortf. Y. Singh 2006/11/27

Figure 12.16A.—*Hypoxis longifolia* (Singh & Baijnath 315).



Figure 12.16B—*Hypoxis longifolia*.



Figure 12.17A.—*Hypoxis ludwigii* (Singh 540).





Figure 12.17B—*Hypoxis ludwigii*



Figure 12.18A.—*Hypoxis membranacea* (Singh 826).



Figure 12.26A.—*Hypoxis rigidula* var. *pilosissima* (Singh & Wiland 755).  
Figure 12.18B.—*Hypoxis membranacea*.  
Figure 12.31.—*Hypoxis tetramera* (Hilliard & Burt 16798).