

<i>Sparaxis elegans</i>	Winter	Unheated	-5C	Yes	No					Neil Hubbard	Barrow Upon Soar, Leicestershire, U.K.
<i>Sparaxis grandiflora</i>	Winter	Yes	0C	No	No					George Elder	Cardiff, U.K.
<i>Sparaxis grandiflora subsp. fimbriata</i>	Winter									Gregory Plenty	Ferring, W. Sussex in a frost pocket. -5C several nights per annum, -7C coldest so far, with top 2cm soil frozen which is v. rare here. Previously lived in Birstall, W. Yorkshire 100m above sea level; cool & dull, -10C most years and -15C for 3 days in 2010
<i>Sparaxis grandiflora violacea</i>	Winter									Jeremy Spon	Canterbury, Kent, U.K.
<i>Sparaxis Hadeco hybrid</i>	Winter	Yes	-4.5C	No	Yes	GH well insulated				Jeremy Spon	Canterbury, Kent, U.K.
<i>Sparaxis tricolor</i>	Winter									John Davies	Near Birmingham, U.K.
<i>Spiloxene canaliculata</i>	Winter									Paul Cumberton	Somerset, U.K.
<i>Tritonia crocata</i>	Winter	Yes	-4.5C	No	Yes	GH well insulated				Jeremy Spon	Canterbury, Kent, U.K.
<i>Tritonia forebatiae</i>	Winter	Unheated	-5C	Yes	Yes					Neil Hubbard	Barrow Upon Soar, Leicestershire, U.K.
<i>Tubagha coeli</i>	Summer	Yes	-3.6C	Yes	Yes					Helen Mount	Isle of Wight
<i>Tubagha commisai</i>	Summer									George Elder	Cardiff, U.K.
<i>Tubagha Fairy Star</i>	Summer	Yes	-3.6C	Yes	Yes	Fleeced on frosty nights				Helen Mount	Isle of Wight
<i>Tubagha galpinii</i>	Summer	Yes	-3.6C	Yes	Yes	Fleeced on frosty nights				Helen Mount	Isle of Wight
<i>Tubagha leucantha</i>	Summer	Yes	-3.6C	Yes	Yes	Fleeced on frosty nights				Helen Mount	Isle of Wight
<i>Tubagha montana</i>	Summer									Michael Hughes	Criccieth, N. Wales, U.K.
<i>Tubagha natalensis</i>	Summer	Unheated Coldframe	-6C	Yes	Yes	Not fleeced				Michael Hughes	Criccieth, N. Wales, U.K.
<i>Tubagha natalensis</i>	Summer	Yes	-3.6C	Yes	Yes	Fleeced on frosty nights				Helen Mount	Isle of Wight
<i>Tubagha Purple Eye</i>	Summer	Yes	-3.6C	Yes	Yes	Fleeced on frosty nights				Helen Mount	Isle of Wight
<i>Tubagha samrteri</i>	Summer	Yes	-6C	No	No					George Elder	Cardiff, U.K.
<i>Tubagha samrteri</i>	Summer									Michael Hughes	Criccieth, N. Wales, U.K.
<i>Tubagha violacea</i>	Summer									Michael Hughes	Criccieth, N. Wales, U.K.
<i>Tubagha violacea</i>	Summer									George Elder	Cardiff, U.K.
<i>Tubagha violacea</i>	Summer									Helen Mount	Isle of Wight
<i>Tubagha violacea 'John May Special'</i>	Summer									Rimmer deVries	Bowling Green, Kentucky, USA. V. hot summers, winters can be v.cold but never for long periods
<i>Urginea (Dimia ?) undulata</i>	Winter	Unheated	-5C	Yes	Yes					Helen Mount	Isle of Wight
<i>Veltheimia bracteata</i>	Winter	Unheated Coldframe	-6C	Yes	Yes	Not fleeced				Neil Hubbard	Barrow Upon Soar, Leicestershire, U.K.
<i>Veltheimia bracteata</i>	Winter	Yes	-3.6C	Yes	Yes	Fleeced on frosty nights				Gregory Plenty	Ferring, W. Sussex in a frost pocket. -5C several nights per annum, -7C coldest so far, with top 2cm soil frozen which is v. rare here. Previously lived in Birstall, W. Yorkshire 100m above sea level; cool & dull, -10C most years and -15C for 3 days in 2010
<i>Veltheimia capensis</i>	Winter	Yes	7	Yes	No					Michael Hughes	Criccieth, N. Wales, U.K.
<i>Veltheimia bracteata</i>	Winter	Yes	-3.6C	Yes	Yes	Fleeced on frosty nights				Helen Mount	Isle of Wight
<i>Veltheimia capensis</i>	Winter									Paul Cumberton	AI, Wiltshire
<i>Wachenfordia thyrsiflora</i>	Winter									Michael Hughes	Criccieth, N. Wales, U.K.
<i>Watsonia angusta</i>	Summer									George Elder	Cardiff, U.K.
<i>Watsonia fasciata?</i>	Summer									George Elder	Cardiff, U.K.
<i>Watsonia fougadei</i>	Summer									George Elder	Cardiff, U.K.
<i>Watsonia lacata</i>	Summer									George Elder	Cardiff, U.K.
<i>Watsonia mesiana</i>	Summer									Helen Mount	Isle of Wight
<i>Watsonia pillansii</i>	Summer									Michael Hughes	Criccieth, N. Wales, U.K.
<i>Watsonia pillansii</i>	Summer									Robbie Blackhall Miles	Llanberris, North Wales, U.K.
<i>Watsonia pillansii</i>	Summer									George Elder	Cardiff, U.K.
<i>Watsonia pillansii</i>	Summer									Ferring, W. Sussex in a frost pocket. -5C several nights per annum, -7C coldest so far, with top 2cm soil frozen which is v. rare here. Previously lived in Birstall, W. Yorkshire 100m above sea level; cool & dull, -10C most years and -15C for 3 days in 2010	
<i>Watsonia sp. (evergreen)</i>	Summer									Paul Cumberton	AI, Wiltshire
<i>Watsonia Tresco Dwarf Pink</i>	Summer									John Davies	Near Birmingham, U.K.
<i>Watsonia Tresco Hybrid</i>	Summer									George Elder	Cardiff, U.K.
<i>Watsonia Tresco Pink</i>	Summer									Robbie Blackhall Miles	Llanberris, North Wales, U.K.
<i>Watsonia versifolia</i>	Summer									Robbie Blackhall Miles	Llanberris, North Wales, U.K.
<i>Wumbea burtii</i>	Summer	Yes	-6C	No	Yes	Outdoors for summer				George Elder	Cardiff, U.K.
<i>Wumbea elatior</i>	Summer	Yes	-6C	No	Yes	Outdoors for summer				George Elder	Cardiff, U.K.
<i>Wumbea kraussii</i>	Summer	Yes	-6C	No	Yes	Outdoors for summer				George Elder	Cardiff, U.K.
<i>Wumbea stricta</i>	Winter									George Elder	Cardiff, U.K.
<i>X Amarcitrum</i>	Summer									Gregory Plenty	Ferring, W. Sussex in a frost pocket. -5C several nights per annum, -7C coldest so far, with top 2cm soil frozen which is v. rare here. Previously lived in Birstall, W. Yorkshire 100m above sea level; cool & dull, -10C most years and -15C for 3 days in 2010
<i>X Amarcitrum memoria corsii 'Howardii'</i>	Summer	Yes	-3.6C	Yes	Yes	Fleeced on frosty nights				Helen Mount	Isle of Wight
<i>X Amarcitrum memoria corsii 'Howardii'</i>	Summer									George Elder	Cardiff, U.K.
<i>X Amaranne 'Aghrodder'</i>	Summer									Helen Mount	Isle of Wight
<i>X Amaranne 'Zwaneburg'</i>	Summer	Yes	-3.6C	Yes	Yes	Fleeced on frosty nights				George Elder	Cardiff, U.K.
<i>X Amaranne 'Zwaneburg'</i>	Summer									Helen Mount	Isle of Wight
<i>X Amargyn</i>	Winter									Ferring, W. Sussex in a frost pocket. -5C several nights per annum, -7C coldest so far, with top 2cm soil frozen which is v. rare here. Previously lived in Birstall, W. Yorkshire 100m above sea level; cool & dull, -10C most years and -15C for 3 days in 2010	
<i>Zantedeschia aethiopica</i>	Winter									Michael Hughes	Criccieth, N. Wales, U.K.
<i>Zantedeschia aethiopica</i>	Winter									Helen Mount	Isle of Wight
<i>Zantedeschia pentlandii</i>	Summer									Michael Hughes	Criccieth, N. Wales, U.K.

In all, about 230 different species tried without heat (includes both outdoors and under glass)
Of these, about 180 species survived without heat to some extent - this is almost 80% of those species tried

Other comments made:

By John Davies:

Its snow that finally does for winter growers. They can take cold but cold physically touching them rather than cold as they don't like.

I have tried a lot of SA bulbs. Some will survive the first winter and flower then die off over summer. Only those mentioned above have survived more than one year.

My most consistent growers live in a lawn than has no sun from end of October to End of February. Greatest flower number era and diversity is after burning with a blow torch. Moraea and isa all grow better in those years.

By Jeremy Spon:

Poor flowering common in unheated glasshouse - could be due to low temperatures or low light levels (due to insulation)

I suspect summer rainfall may be a problem for winter-growing bulbs even here in the dry south-east.

Species under Unheated Glass					
Species	Growth	Min temp	Extended frost?	Survived?	Comment
Albuca humilis	Summer	-6C	No	Yes	Outdoors for summer
Albuca shawii	Summer	-6C	No	Yes	Outdoors for summer
Albuca shawii x humilis	Summer	-6C	No	Yes	Outdoors for summer
Androcymbium striatum	Summer	-6C	No	Yes	Outdoors for summer
Aristea ecklonii	Summer?	-6C	Yes	Yes	Not fleeced
Babiana blanda	Winter	-5C	Yes	No	
Babiana nana	Winter	-5C	Yes	No	
Babiana sambucina	Winter	-5C	Yes	Yes	
Babiana tubulosa	Winter	-5C	Yes	Yes	Damaged
Brunsvigia radulosa	Summer	-6C	No	Yes	Outdoors for summer
Chasmanthe bicolor	Winter	-4.5C	No	Yes	G/H well insulated
Chasmanthe floribunda	Winter	-4.5C	No	Yes	G/H well insulated
Chasmanthe sp.	Winter	-4.5C	No	Yes	G/H well insulated
Cyanella orchidiformis	Winter	-5C	Yes	No	
daubinya alba	Winter	-5C	Yes	Yes	Damaged
Daubinya aurea	Winter	-18C	Yes	Yes	Plunged in sand. Polycarbonate sheet over if wet
Daubinya aurea - red	Winter	-5C	Yes	Yes	
Daubinya aurea - yellow	Winter	-5C	Yes	No	
Daubinya aurea (red)	Winter	-6C	No	Yes	
Daubinya aurea (yellow)	Winter	-6C	No	Yes	
Daubinya spp	Winter	?	No	Yes	Some frost. Now heated
Daubinya zeyheri	Winter	-5C	Yes	Yes	
Eucomis autumnalis ssp amaryllidifolia	Summer	-6C	No	Yes	Outdoors for summer
Eucomis bicolor	Summer	-15C		No	Died in pot in unheated house at -15C
Eucomis bicolor alba	Summer	-15C		No	Died in pot in unheated house at -15C
Eucomis comosa	Summer	-15C		No	Died in pot in unheated house at -15C
Eucomis pole-evansii	Summer	-15C		No	Died in pot in unheated house at -15C
Eucomis regia	Winter	-6C	No	Yes	
Eucomis schijffii	Summer	-6C	No	Yes	Outdoors for summer
Freesia andersoniae	Winter	-5C	Yes	Yes	
Freesia fucata	Winter	-5C	Yes	Yes	Damaged
Freesia hybrids	Winter	-3.6C	Yes	Yes	Fleeced on frosty nights
Freesia lactea	Winter	-3.6C	Yes	Yes	Fleeced on frosty nights
Freesia leichtlinii	Winter	-3.6C	Yes	Yes	Fleeced on frosty nights
Freesia refracta	Winter	-3.6C	Yes	Yes	Fleeced on frosty nights

Geissorhiza corrugata	Winter	-6C	No	Yes		
Geissorhiza inflexa erosa	Winter	-5C	Yes	Yes	Damaged	
Geissorhiza splendissima	Winter	-5C	Yes	Yes		
Gladiolus cardinalis	Winter	-6C	Yes	Yes	Not fleeced	
Gladiolus carinatus	Winter	-4.5C	No	Yes	G/H well insulated	
Gladiolus carmineus	Winter	-6C	Yes	Yes	Not fleeced	
Gladiolus carmineus	Winter	-3.6C	Yes	Yes	Fleeced on frosty nights	
Gladiolus carneus	Winter	-6C	Yes	Yes	Not fleeced	
Gladiolus ecklonii	Summer	-6C	No	Yes	Outdoors for summer	
Gladiolus ferruginea	Summer	-6C	No	Yes	Outdoors for summer	
Gladiolus flanagani	Summer	-6C	No	Yes	Outdoors for summer	
Gladiolus flanagani	Summer	-6C	Yes	Yes	Not fleeced	
Gladiolus gracilis	Winter	-4.5C	No	Yes	G/H well insulated	
Gladiolus griseus	Winter	-4.5C	No	Yes	G/H well insulated	
Gladiolus huttonii x tristis	Winter	-4.5C	No	Yes	G/H well insulated	
Gladiolus 'Midnight Mist'	Summer	-4.5C	No	Yes	G/H well insulated	
Gladiolus ochroleucus	Summer	-6C	No	Yes	Outdoors for summer	
Gladiolus orchidiformis	Winter	-5C	Yes	Yes		
Gladiolus parvulus	Summer	-6C	No	Yes	Outdoors for summer	
Gladiolus stefaniae	Winter	-4.5C	No	Yes	G/H well insulated	
Gladiolus stenosphon	Winter	0C	No	No		
Gladiolus 'Sweet Mystery'	Winter	-4.5C	No	Yes	G/H well insulated	
Gladiolus tristis	Winter	-4.5C	No	Yes	G/H well insulated	
Gladiolus tristis	Winter	-3.6C	Yes	Yes	Fleeced on frosty nights	
Gladiolus watermeyeri	Winter	-5C	Yes	No		
Hesperantha hantamensis	Winter	-7C	Yes	Yes		
Ixia lutea	Winter	-5C	Yes	Yes		
Ixia maculata	Winter	-4.5C	No	Yes	G/H well insulated	
Ixia viridiflora	Winter	-3.6C	Yes	Yes	Fleeced on frosty nights	
Lachenalia aloides	Winter	-10C	Yes	Yes		
Lachenalia aloides	Winter	-10C	Yes	No	Survived but damaged - took a few years to fully recover	
Lachenalia arbuthnotiae	Winter	-10C	Yes	No	Survived but damaged - took a few years to fully recover	
Lachenalia bowkeri	Winter	-10C	Yes	Yes		
Lachenalia bulbifera	Winter	-5C	Yes	No		
Lachenalia congesta	Winter	-10C	Yes	Yes		
Lachenalia contaminata	Winter	-10C	Yes	Yes		
Lachenalia convallarioides	Winter	-5C	Yes	No	Survived but damaged - took a few years to fully recover	
Lachenalia ensifolia (Polyxena)	Winter	-3.6C	Yes	Yes	Fleeced on frosty nights	
Lachenalia ensifolia (Polyxena)	Winter	-34C	Yes	Yes	Plunged in sand. Had 12inches of snow cover + fleece	

Lachenalia ensifolia (Polyxena)	Winter	-18C	Yes	Yes	Plunged in sand. Polycarbonate sheet over if wet
Lachenalia juncifolia	Winter	-10C	Yes	No	Survived but damaged - took a few years to fully recover
Lachenalia karooportensis	Winter	-5C	Yes	Yes	Damaged
Lachenalia lactosa	Winter	-10C	Yes	No	
Lachenalia latimerae	Winter	-3.6C	Yes	Yes	Fleeced on frosty nights
Lachenalia latmerae	Winter	-10C	Yes	Yes	
Lachenalia liliflora	Winter	-10C	Yes	No	
Lachenalia liliflora	Winter	-5C	Yes	No	
Lachenalia longituba (Polyxena)	Winter	-34C	Yes	Yes	Plunged in sand. Polycarbonate sheet over if wet
Lachenalia luteola	Winter	-3.6C	Yes	Yes	Fleeced on frosty nights
Lachenalia maughanii (Polyxena)	Winter	-34C	Yes	Yes	Plunged in sand. Had 12inches of snow cover + fleece
Lachenalia maughanii (Polyxena)	Winter	-18C	Yes	Yes	Plunged in sand. Polycarbonate sheet over if wet
Lachenalia mediana	Winter	-10C	Yes	No	
Lachenalia mtuabilis	Winter	-10C	Yes	No	
Lachenalia namaquanum	Winter	-10C	Yes	No	
Lachenalia nardousbergensis	Winter	-5C	Yes	No	
Lachenalia odorata (Polyxena)	Winter	-34C	Yes	Yes	Plunged in sand. Had 12inches of snow cover + fleece
Lachenalia odorata (Polyxena)	Winter	-18C	Yes	Yes	Plunged in sand. Polycarbonate sheet over if wet
Lachenalia orchioides glaucina	Winter	-5C	Yes	No	
Lachenalia pusilla	Winter	-5C	Yes	No	
Lachenalia pustulata	Winter	-10C	Yes	Yes	Survived but damaged - took a few years to fully recover
Lachenalia quadricolor	Winter	-3.6C	Yes	Yes	Fleeced on frosty nights
Lachenalia rosea	Winter	-10C	Yes	No	
Lachenalia rubida	Winter	-10C	Yes	No	
Lachenalia stayneri	Winter	-10C	Yes	No	
Lachenalia trichophylla	Winter	-5C	Yes	No	
Lachenalia unifolia	Winter	-10C	Yes	Yes	Survived but damaged - took a few years to fully recover
Lachenalia viridiflora	Winter	-10C	Yes	No	
Lachenalia zeyheri	Winter	-3.6C	Yes	Yes	Fleeced on frosty nights
Masonia longipes	Winter	?	Yes	Yes	Leaves recover from being frozen crisp
Massonia 170 pots	Winter	?	No	Yes	Some frost. Now heated
Massonia depressa	Winter	-4.5C	No	Yes	G/H well insulated
Massonia jasminiflora	Winter	-10C	Yes	Yes	
Massonia 'jasminiflora'	Winter	-4.5C	No	Yes	G/H well insulated
Massonia longipes?	Winter	-4.5C	No	Yes	G/H well insulated
Massonia pustulata	Winter	-10C	Yes	Yes	
Massonia pygmaea	Winter	-10C	Yes	Yes	Damaged
Massonia roggeveldensis	Winter	-10C	Yes	Yes	
Massonia wittebergensis	Summer	-6C	No	Yes	Outdoors for summer

Moraea aristata	Winter	-5C	Yes	No	
Moraea ciliata	Winter	-7C	Yes	Yes	
Moraea elegans	Winter	-5C	Yes	Yes	
Moraea fugacissima	Winter	-5C	Yes	Yes	
Moraea gigandra	Winter	-5C	Yes	Yes	
Moraea lewisiae	Winter	-6C	Yes	Yes	Not fleeced
Moraea macrocarpa	Winter	-10C	Yes	Yes	
Moraea tricolor	Winter	-5C	Yes	Yes	Damaged
Nerine humilis	Winter	-3.6C	Yes	Yes	Fleeced on frosty nights
Nerine kreigii	Summer	-6C	No	Yes	Outdoors for summer
Nerine masoniorum	Summer	-6C	No	Yes	Outdoors for summer
Nerine undulata	Summer	-6C	No	Yes	Outdoors for summer
Oxalis massoniana	Winter	-3.6C	Yes	Yes	Fleeced on frosty nights
Polixena pygmaea	Winter	-5C	Yes	No	
Polyxena spp	Winter	?	No	Yes	Some frost. Now heated
Rhodohypoxis (150 forms)	Summer	?	No	Yes	Some frost
Romulea albiflora	Winter	-5C	Yes	Yes	
Romulea hallii	Winter	-10C	Yes	Yes	
Romulea hantamensis	Winter	-10C	Yes	Yes	
Romulea komsbergensis	Winter	-10C	Yes	Yes	
Romulea komsbergensis	Winter	-6C	No	Yes	
Romulea luteoflora	Winter	-10C	Yes	Yes	
Romulea monticola	Winter	-6C	No	Yes	
Romulea namaquensis	Winter	-7C	Yes	Yes	
Romulea obscura	Winter	-10C	Yes	Yes	
Romulea schlechteri	Winter	-5C	Yes	No	
Romulea subfistulosa	Winter	-5C	Yes	Yes	
Romulea subfistulosa	Winter	-6C	No	Yes	
Romulea syringodeoflora	Winter	-10C	Yes	Yes	
Romulea tetragona	Winter	-5C	Yes	Yes	
Sparaxis elegans	Winter	-5C	Yes	No	
Sparaxis grandiflora	Winter	0C	No	No	
Sparaxis 'Hadeco hybrids'	Winter	-4.5C	No	Yes	G/H well insulated
Tritonia crocata	Winter	-4.5C	No	Yes	G/H well insulated
Tritonia florentiae	Winter	-5C	Yes	Yes	
Tulbaghia codii	Summer	-3.6C	Yes	Yes	Fleeced on frosty nights
Tulbaghia 'Fairy Star'	Summer	-3.6C	Yes	Yes	Fleeced on frosty nights
Tulbaghia galpinii	Summer	-3.6C	Yes	Yes	Fleeced on frosty nights
Tulbaghia leucantha	Summer	-3.6C	Yes	Yes	Fleeced on frosty nights

Tulbaghia natalensis	Summer	-6C	Yes	Yes	Not fleeced	
Tulbaghia natalensis	Summer	-3.6C	Yes	Yes	Fleeced on frosty nights	
Tulbaghia 'Purple Eye'	Summer	-3.6C	Yes	Yes	Fleeced on frosty nights	
Tulbaghia simmleri	Summer	-6C	No	No		
Urginea (Drimia ?) undulata	Winter	-5C	Yes	Yes		
Veltheimia bracteata	Winter	-6C	Yes	Yes	Not fleeced	
Veltheimia bracteata	Winter	-3.6C	Yes	Yes	Fleeced on frosty nights	
Veltheimia capensis	Winter	?	Yes	No		
Wurmbea burtii	Summer	-6C	No	Yes	Outdoors for summer	
Wurmbea elatior	Summer	-6C	No	Yes	Outdoors for summer	
Wurmbea kraussii	Summer	-6C	No	Yes	Outdoors for summer	
X Amarcrinum memoria-corsii 'Howardii'	Summer	-3.6C	Yes	Yes	Fleeced on frosty nights	
X Amarine 'Zwaneburg'	Summer	-3.6C	Yes	Yes	Fleeced on frosty nights	

<u>Species tried Outdoors</u>						
<u>Species</u>	<u>How long</u>	<u>Min temp</u>	<u>Extended frost?</u>	<u>Survived?</u>	<u>Comment</u>	
Albuca nelsonii		-7C		Yes	Not survived at -10C in previous garden	
Albuca setosa		-7C		Yes	Needs some summer moisture	
Albuca shawii		-6C	No	No	Too wet in winter?	
Albuca shawii x humilis		-6C	No	No	Too wet in winter?	
Albuca sp		-6C	No	Yes		
Amaryllis belladonna		-6C	No	Yes		
Amaryllis belladonna		-7C		Yes	Bad leaf damage at -10C	
Amaryllis belladonna		-7C	Yes	Yes	11 weeks between -1C and -7C	
Babiana 'Kew Hybrids'		-7C		Yes	Leaf damage but survive & flower annually	
Babiana virginea		-6C	No	Yes	Doesn't flower	
Chasmanthe bicolor		-6C	Yes	Yes		
Chasmanthe bicolor		-7C		Yes	Almost evergreen	
Chasmanthe floribunda		-7C		No	Leaves killed by slightest frost	
Chasmanthe floribunda		-7C	Yes	Yes	Does not flower	
Chasmanthe floribunda var. duckittii		-7C		No	Leaves killed by slightest frost	
Chasmanthe sp.		-10C	Yes	No		
Crinum moorei		-6C	No	Yes		
Crinum powellii		-7C	Yes	Yes	8 weeks between -1C and -7C	
Crinum powellii & alba	Over 2 years	-8C	Yes	Yes		
Crinum variable		-6C	No	Yes	Doesn't flower	
Cyrtanthus brachysiphon	Over 2 years	-8C	Yes	Yes		
Cyrtanthus falcatus	Over 2 years	-8C	Yes	Yes		
Cyrtanthus mackenii subsp. cooperi		-7C		Yes	Survives but does not flower	
Daubenya aurea	Over 2 years	-8C	Yes	Yes		
Daubenya marginata	Over 2 years	-8C	Yes	Yes		
Dierama in variety	Over 2 years	-8C	Yes	Yes		
Dierama pulcherrima		-7C	Yes	Yes	14 weeks between -1C and -7C	
Dierama pulcherrimum		-6C	Yes	Yes		
Dietes grandiflora		-6C	Yes	Yes	Damaged	
Dietes iridioides		-6C	Yes	Yes		
Empodium flexile	4 years	-6C	Yes	No		
Eucomis bicolor	6 years		Yes			

Eucomis bicolor		-7C		Yes	
Eucomis bicolor alba		-7C		Yes	
Eucomis comosa		-10C	Yes	Yes	Snow cover mitigated -10C
Eucomis comosa		-6C	No	Yes	
Eucomis comosa		-7C		Yes	
Eucomis comosa 'Sparkling Burgundy'		-7C	Yes	Yes	15 weeks between -1C and -7C
Eucomis in variety	Over 2 years	-8C	Yes	Yes	
Eucomis montana		-6C	No	Yes	
Eucomis pole-evansii	4 years	-10C	Yes		
Eucomis pole-evansii		-4.5C	Yes	Yes	2 days of extended frost
Eucomis schijffii		-4.5C	Yes	Yes	2 days of extended frost
Eucomis vandermerwei	1 year	-7C		Yes	Didn't flower
Eucomis vanderwerwei	Over 2 years	-8C	Yes	Yes	
Eucomis zambesiaca		-4.5C	Yes	Yes	2 days of extended frost
Ferraria crispa		-7C		No	Survived -3C but not -7C
Ferraria crispa		-3C		Yes	But killed at -7C
Ferraria divaricata		-7C		No	Survived -3C but not -7C
Ferraria divaricata		-3C		Yes	But killed at -7C
Freesia laxa		-6C	No	Yes	
Freesia laxa		-7C		Yes	Hardy to -15C against a west wall
Freesia leichtlinii alba		-7C		Yes	
Galtonia candicans		-10C	Yes	Yes	Snow cover mitigated -10C
Gladiolus cardinalis		-4.5C	Yes	Yes	2 days of extended frost
Gladiolus cardinalis		-6C	No	Yes	Doesn't flower
Gladiolus dalenii		-6C	Yes	Yes	
Gladiolus dalenii	Over 2 years	-8C	Yes	Yes	
Gladiolus dalenii		-4.5C	Yes	Yes	2 days of extended frost
Gladiolus dalenii		-6C	No	Yes	
Gladiolus ecklonii		-4.5C	Yes	Yes	2 days of extended frost
Gladiolus flanaganii		-4.5C	Yes	Yes	2 days of extended frost
Gladiolus flanaganii		-6C	No	Yes	Dwindles. Too wet in winter?
Gladiolus Homoglad hybrids		-6C	No	Yes	
Gladiolus nanus cultivars		-7C	Yes	Yes	3 weeks between -1C and -7C
Gladiolus oppositiflorus		-4.5C	Yes	Yes	2 days of extended frost
Gladiolus oppositifolium ssp salmoneus		-6C	No	Yes	

Gladiolus tristis		-12C	Yes	Yes	
Gladiolus tristis		-6C	Yes	Yes	
Gladiolus tristis	Over 2 years	-8C	Yes	Yes	
Gladiolus tristis		-6C	No	Yes	
Gladiolus tristis		-15C		Yes	
Gladiolus tristis		-7C	Yes	Yes	2 weeks between -1C and -7C
Gladiolus tristis x huttonii		-6C	No	Yes	
Gladiolus undulatus		-12C	Yes	Yes	
Gladiolus undulatus		-6C	No	Yes	
Gladiolus watsonioides		-4.5C	Yes	Yes	2 days of extended frost
Hesperantha baurii		-4.5C	Yes	Yes	2 days of extended frost
Hesperantha coccinea		-12C	Yes	Yes	
Hesperantha coccinea & cultivars		-7C	Yes	Yes	17 weeks between -1C and -7C
Hesperantha cucullata		-12C	Yes	Yes	
Hesperantha cucullata	Over 2 years	-8C	Yes	Yes	
Hesperantha vaginata	Over 2 years	-8C	Yes	Yes	
Hypoxis cribsii		?	Yes	No	
Ixia dubia		-7C		Yes	
Ixia flexuosa		-7C		Yes	
Ixia hybrids	Over 2 years	-8C	Yes	Yes	
Ixia maculata		-7C		Yes	
Ixia monadelpha		-7C		Yes	
Ixia paniculata		-7C		Yes	
Ixia viridiflora	Over 2 years	-8C	Yes	Yes	
Lachenalia longituba		-4.5C	Yes	Yes	2 days of extended frost
Massonia saniensis	3 years	-6C	Yes	Yes	Both covered and uncovered for rain
Merwillia plumbea	Over 2 years	-8C	Yes	Yes	
Moraea aristata		-6C	No	Yes	
Moraea collina		-6C	Yes	Yes	
Moraea collina	Over 2 years	-8C	Yes	Yes	
Moraea collina		-15C		Yes	
Moraea flacida	Over 2 years	-8C	Yes	Yes	
Moraea huttonii		-6C	Yes	Yes	
Moraea marlothii	Over 2 years	-8C	Yes	Yes	
Moraea ochroleuca	Over 2 years	-8C	Yes	Yes	

Moraea pendula	Over 2 years	-8C	Yes	Yes	
Moraea polystacha	Over 2 years	-8C	Yes	Yes	
Moraea spathulata		-6C	Yes	Yes	
Moraea spathulata		-7C		Yes	
Nerine bowdenii		-6C	Yes	Yes	
Nerine bowdenii		-6C	No	Yes	
Nerine bowdenii		-7C	Yes	Yes	4 weeks between -1C and -7C
Nerine bowdenii & alba	Over 2 years	-8C	Yes	Yes	
Nerine bowdenii alba		-7C	Yes	Yes	5 weeks between -1C and -7C
Nerine bowdenii 'Patricia'		-7C	Yes	Yes	7 weeks between -1C and -7C
Nerine bowdenii 'Pink Triumph'	Many years	-17C	Yes	Yes	undulatum x bowdenii Died 2018
Nerine bowdenii 'Stefani'		-7C	Yes	Yes	6 weeks between -1C and -7C
Nerine bowdenii var.wellsii	Many years	-17C	Yes	Yes	Canada, + snow cover. Died 2018
Nerine bowdenii 'Zeal Giant'	Over 2 years	-8C	Yes	Yes	
Nerine humilis (Breachiae Group)		-7C		Yes	
Nerine humilis (flexuosa) alba	Over 2 years	-8C	Yes	Yes	
Oxalis hirta		-6C	Yes	Yes	
Oxalis melanosticta	Years	-6C	Yes	Yes	In a trough
Oxalis pocockiae		-6C	Yes	Yes	In a trough
Polyxena ensifolia		-6C	No	Yes	Doesn't flower
Rhodohypoxis		-2C	No	Yes	
Romulea diversiformis				No	Fleeced when frosty. A few survived, most died
Romulea hirta				No	Fleeced when frosty. A few survived, most died
Romulea obscura				No	Fleeced when frosty. A few survived, most died
Romulea saldanhensis				Yes	Leaves died, bulbs OK
Romulea tabularis				No	Fleeced when frosty. A few survived, most died
Romulea tetragona				No	Fleeced when frosty. A few survived, most died
Romulea thodei		-6C	No	Yes	
Scadoxus multiflorus ssp katherinae	Over 2 years	-8C	Yes	Yes	
Sparaxis grandiflora subsp. fimbriata		-7C		Yes	
Sparaxis grandiflora violacea		-10C	Yes	Yes	Not flowered. Snow cover mitigated -10C
Sparaxis tricolor	Over 2 years	-8C	Yes	Yes	
Spiloxene canaliculata	3 years	-6C	Yes	Yes	
Tulbaghia comminsii		-6C	No	Yes	
Tulbaghia montana		-6C	Yes	Yes	

Tulbaghia simmleri		-6C	Yes	No		
Tulbaghia violacea		-6C	Yes	Yes		
Tulbaghia violacea		-6C	No	Yes		
Tulbaghia violacea		-7C	Yes	Yes	9 weeks between -1C and -7C	
Tulbaghia violacea				No	All died	
Tulbaghia violacea 'John May Special'		-7C	Yes	Yes	10 weeks between -1C and -7C	
Veltheimia bracteata		-7C		No		
Wachendorfia thyrsiflora		-6C	Yes	Yes		
Watsonia angusta		-6C	No	Yes		
Watsonia flaccida?		-6C	No	Yes		
Watsonia foucadei		-6C	No	Yes		
Watsonia laccata		-6C	No	Yes		
Watsonia meriana		-7C	Yes	Yes	16 weeks between -1C and -7C	
Watsonia pillansii		-6C	Yes	Yes		
Watsonia pillansii		-4.5C	Yes	Yes	2 days of extended frost	
Watsonia pillansii		-6C	No	Yes		
Watsonia pillansii		-7C		Yes	Some individulas died but most survived	
Watsonia pillansii		?	Yes	No		
Watsonia sp. (evergreen)	Over 2 years	-8C	Yes	Yes		
Watsonia 'Tresco Dwarf Pink'		-6C	No	Yes		
Watsonia 'Tresco Hybrid'		-4.5C	Yes	Yes	2 days of extended frost	
Watsonia 'Tresco Pink'		-4.5C	Yes	Yes	2 days of extended frost	
Watsonia versfeldii		-6C	No	Yes		
Wurmbea stricta		-6C	No	Yes		
X Amarcrinum		-7C		Yes	Leaf damage at -10C in previous garden	
X Amarcrinum memoria-corsii 'Howardii'		-7C	Yes	Yes	13 weeks between -1C and -7C	
X Amarine 'Aphrodite'		-6C	No	Yes		
X Amarine 'Zwaneburg'		-7C	Yes	Yes	12 weeks between -1C and -7C	
X Amarygia		-7C		Yes	Leaf damage every year but survives	
Zantedeschia aethiopica		-6C	Yes	Yes		
Zantedeschia aethiopica		-7C	Yes	Yes	17 weeks between -1C and -7C	
Zantedeschia pentlandii		-6C	Yes	Yes		
Other comments made:						

By John Davies:						
Its snow that finally does for winter growers.They can take cold but cold physically touching them rather than cold air they don't like.						
I have tried a lot of SA bulbs.Some will survive the first winter and flower then die off over summer.Only those mentioned						
above have survived more than one year.						
My most consistent growers live in a lawn than has no sun from end of October to End of February.						
Greatest flower number era and diversity is after burning with a blow torch..Moraea and ixia all grow better in those years.						
By Jeremy Spon:						
Poor flowering common in unheated glasshouse - could be due to low temperatures or low light levels (due to insulation)						
I suspect summer rainfall may be a problem for winter-growing bulbs even here in the dry south-east.						