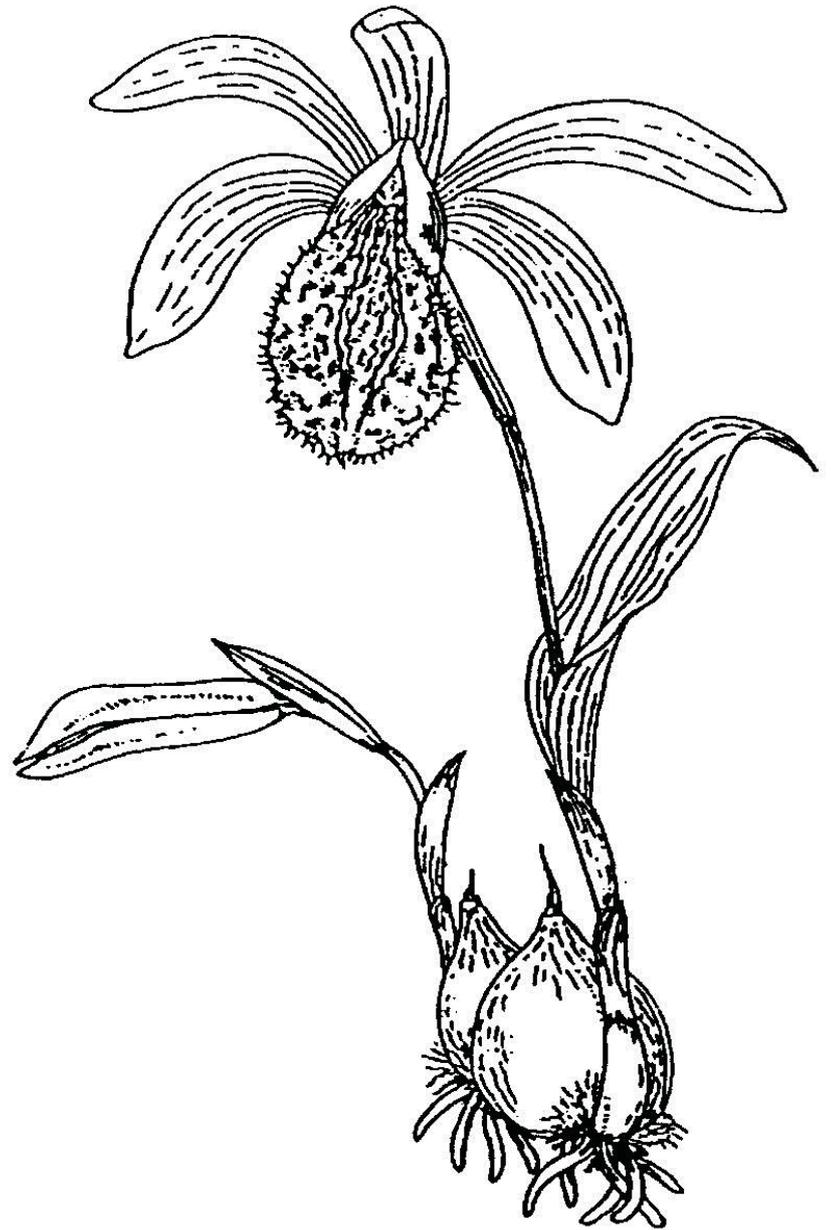


Pleiones

2020-2021



Ian Butterfield

Yaffles

Harvest Hill

Bourne End

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England

Telephone (44)(0)1628 525455

Dear Grower

Thank you for all your support in the past year. I hope all the pseudobulbs you received in January 2020 flowered well.

I treat my pseudobulbs while dormant with a fungicide, and also spray with an oil against the Brevipalpus mite. If any are present, this oil kills both eggs and mites by suffocation. My aim is to produce the healthiest pseudobulbs possible.

BEGINNERS PLEIONE ORCHID COLLECTION

Five pseudo-bulbs, all different.

Our selection of vigorous varieties.

Compost (UK only) and cultural leaflet. £18.00

Free post and packing for UK. Usual terms apply for elsewhere.

Pleiones are available as flowering size dormant pseudo-bulbs by **Mail Order**.

I do not sell pleiones in flower, but I welcome visitors to the nursery in spring. Please telephone before travelling any distance.

Note: New entries in this catalogue are highlighted in **bold**.

PLEIONE SPECIES & NATURAL HYBRIDS

<i>P. x barbarae</i>	Almost certainly a natural hybrid between <i>P. grandiflora</i> and <i>P. bulbocodioides</i> . Large flowers in various shades of pink.	£5.00
<i>P. bulbocodioides</i>	Original wild stock which has been propagated vegetatively in the nursery. Mauve pink with dark lip markings. Late flowering.	£4.00
<i>P. coronaria</i>	Almost white flower with a mauve picotee edge to the petals and a lip with red keels.	£30.00
<i>P. formosana</i> 'Clare'	Large white flowers with yellow lip markings.	£5.00
<i>P. f.</i> 'Greenhill'	Large pale lilac flowers with buff brown lip markings.	£3.00
<i>P. f.</i> 'Oriental Grace'	The narrow sepals and petals are rosy-violet, the pale rose lip being marked with brown and yellow.	£4.00
<i>P. f.</i> 'Oriental Splendour'	Very free flowering. Deep rose violet flowers. The almost white lip is much paler, and marked with brown and yellow.	£4.00
<i>P. f.</i> 'Pitlochry'	White flowers with the petals shaded mauve.	£6.00
<i>P. f.</i> 'Snow Bunting'	Large glistening white flowers with strong yellow lip markings.	£5.00
<i>P. f.</i> 'Snow White'	Large flowers of glistening white. The finely frilled lip is marked with yellow.	£5.00
<i>P. humilis</i>	White flowers with either red or purplish red on the lips. Grows best in nearly all moss. Keep cold in winter. Very early to flower.	£10.00
<i>P. maculata</i>	White flowers in October/November with a red and yellow lip. A winter growing species. Should be kept at 15°C minimum from September to May.	£15.00
<i>P. x taliensis</i>	A natural hybrid between <i>P. yunnanensis</i> and <i>P. bulbocodioides</i> . Light to dark mauve flowers having lips spotted with purplish red or red, mostly on long stems.	£6.00

PLEIONE HYBRIDS

<i>P. Alishan</i> 'Mother's Day'	Large very pale lavender pink flowers with reddish brown marks inside the lip. Sometimes very fragrant.	£4.00
<i>P. Asama</i> 'Red Grouse'	(<i>P. pleionoides</i> x <i>P. 'Vesuvius'</i>) Large reddish pink flowers with a vibrant orange red lip with yellow keels.	£4.00
<i>P. Ascension</i>	(<i>P. Marion Johnson</i> x <i>P. Askia</i>) Flowers quite variable from orange brown to reddish purple. All have very colourful lips of red and orange.	£5.00

P. Askia 'Bee Eater'	(P. Kenya x P. Red Colobus) Purple red flower, yellow on lip with red markings.	£25.00
P. Askia 'Goldfinch'	(P. Kenya x P. Red Colobus) Long lasting brownish gold flowers which get darker as they age.	£15.00
P. Berapi 'Purple Sandpiper'	(P. Tongariro x P. bulbocodioides) Dark vibrant purple flowers with dark red spotting on the lips.	£4.00
P. Betty Arnold 'Bronze Sunbird'	(P. Orizaba x P. Marion Johnson) Orange bronze flowers with red markings inside lip.	£25.00
P. Betty Arnold 'Firefinch'	Flowers open red and slowly change to reddish purple. The large lip is heavily marked with red and yellow.	£25.00
P. Betty Arnold 'Palm Swift'	(P. Orizaba x P. Marion Johnson) Bronze yellow petals and sepals with a yellow lip.	£30.00
P. Bonobo	(P. grandiflora x P. forrestii) Yellow flowers with red spots on the lip.	£20.00
P. Brian Whyer	(P. Mandalay x P. Whakari) Flowers are dark mauve pink to salmon rose. The lips are orange yellow with red spotting.	£15.00
P. Britannia 'Doreen'	Large flowers with extra broad sepals and petals of purplish pink and yellow on the lip.	£4.00
P. Captain Hook	(P. hookeriana x P. formosana) Pale mauve sepals and petals with a large white lip heavily blotched red-brown.	£3.00
P. Eiger	(P. formosana x P. humilis) The flowers are pale pink with a well frilled lip which is marked with yellow and/or red. Very free and early flowering.	£5.00
P. El Pico 'Pheasant'	(P. Versailles x P. bulbocodioides) Dark mauve pink flowers with crimson spotting on the lip.	£4.00
P. Gerry Munday 'Tinney's Firs'	(P. forrestii x P. Tongariro) Long lasting flowers open pink, and get much darker as they age to a vibrant purplish pink.	£5.00
P. Glacier Peak	(P. formosana x P. grandiflora) Flowers vary from almost white to very pale lavender, with yellow and brown on the lips.	£6.00
P. Iris Butterfield 'Yaffles'	(P. forrestii x P. confusa) Yellow flower with red markings inside the lips.	£25.00
P. Jake Butterfield 'Hornbill'	(P. Caroli x P. Betty Arnold) Red bronze flowers with yellow and red on the lip.	£20.00
P. Jake Butterfield 'Kingfisher'	The flowers are a luminous deep rose with an orange lip marked with darker orange spots.	£15.00
P. Jorullo 'Long Tailed Tit'	(P. limprichtii x P. bulbocodioides) Purplish pink flowers. Lip is white at base changing to dark purplish pink at the tip with red blotching and yellow keels.	£4.00

P. Katmai 'Crossbill'	(P. Etna x P. Matupi) The petals and sepals are dark purplish red with a yellow lip heavily spotted with red.	£10.00
P. Kelut	(P. Marion Johnson x P. Mageik) Flowers vary from almost purple to reddish mauve with red or yellow markings on the lips.	£5.00
P. Kenya 'Bald Eagle'	(P. Brigadoon x P. Keith Rattray) Reddish flowers with a purple sheen. Inside the lip is brownish orange with red spots and yellow keels.	£6.00
P. Kenya 'Wood Owl'	Long lasting flowers of dark reddish pink. The lip is dark orange brown with brown spots.	£10.00
P. Krakatoa	(P. yunnanensis x P. forrestii) Flowers vary from pale yellow to apricot shades, and even mauve pink, with yellow lips. All lips have red spotting.	£6.00
P. Krakatoa 'Wheatear'	Flowers are held on long stems and can last for up to four weeks. They open pale yellow, and eventually change to pale lavender.	£6.00
P. Lascar 'Purple Finch'	Dark mauve pink flowers with a large open lip heavily marked with red and yellow.	£5.00
P. Leda 'Golden Pipit'	(P. Krakatoa x P. grandiflora) Very pale lavender petals and sepals with a large yellow lip with brown spots.	£20.00
P. Leda 'Palm Thrush'	The flowers are cream with dark yellow marks on the lips.	£20.00
P. Lemur 'Rift'	(P. Caroli x P. Askia) Reddish orange flowers with an orange lip.	£25.00
P. Lhasa 'Blushes'	(P. Britannia x P. Eiger) Large very pale pink flowers. Inside the lip is yellowish with strong red spots.	£5.00
P. Lyn Butterfield 'Rhodes'	(P. Adams x P. Latmai) Dark purple pink with crimson spots on the lip.	£20.00
P. Mandalay 'Purple Rain'	(P. Tongariro x P. Quizapu) Large purple pink flowers with the lip heavily spotted with red.	£6.00
P. Mandalay 'Strawberry Fields'	Large pinkish apricot flower with red markings on the lip.	£8.00
P. Mauna Loa 'Locust Finch'	(P. Shantung x P. Berapi) Dark purple pink petals with a very dark lip.	£20.00
P. Marion Johnson 'Bubs'	(P. Keith Rattray x P. forrestii) Dark reddish bronze flowers with dark red blotches on the lip.	£8.00
P. Marion Johnson 'Oxpecker'	Dark reddish mauve flowers. The lip is orange brown with red spots and yellow keels.	£15.00
P. Marion Johnson 'Whinchat'	Petals and sepals pink with orange shading. The yellow lip is heavily spotted with red.	£10.00

P. Mauna Loa 'Glossy Starling'	(P. Shantung x P. Berapi) Large vivid purplish pink flowers. The lip is heavily spotted with crimson and has yellow keels.	£6.00
P. Mawenzi	(P. yunnanensis x P. scopulorum) Small mauve lavender flowers on tall stems, with lips the same colour, some with a much darker edge. Very pretty.	£8.00
P. Michael Butterfield	(P. Kenya x P. Betty Arnold) Flowers are mostly reddish purple with heavy spotting of dark red and yellow on the lip.	£5.00
P. Michael Butterfield 'Crowned Eagle'	Dark red flower with a red lip marked with red spots, and a yellow keel.	£25.00
P. Michael Butterfield 'Red Kite'	Attractive red flower with a dark red lip and no spots.	£25.00
P. Nyiarongo	(P. aurita x P. coronaria) Large flowers of pale mauve pink. The lip is darker with red and yellow inside.	£15.00
P. Pete Chew	P. Krafla P. Makian) Pale orange flowers with dark spots on the lips.	£30.00
P. Phillip Cribb	(P. Betty Arnold x P. Whakari) Flowers vary from rosy mauve to purplish red. A few are orange bronze. All have orange and red on the lips.	£15.00
P. Piton	(P. formosana x P. yunnanensis) Pale lavender flowers on tall stems with lip markings of purplish red or violet. Early flowering.	£4.00
P. Quizapu 'Peregrine'	(P. Rakata x P. Matupi) Almost gold flower with very few lip markings.	£10.00
P. Rakata 'Redwing'	(P. pleionoides x P. Shantung) Large, dark mauve pink flowers with orange and brown on the lip.	£5.00
P. Rakata 'Shot Silk'	Orange-apricot flowers overlaid with a mauve sheen. Lip is yellowish heavily marked with red. Must be kept cold in winter or it will not flower.	£5.00
P. Red Colobus	(P. Askia x P. Kenya) Flowers vary from dark reddish mauve to almost red. Very colourful lips of red and yellow.	£8.00
P. Red Colobus 'Forest Weaver'	Dark red flowers with yellow on the lip.	£25.00
P. Sabatini	(P. Betty Arnold x P. Makian) Orange gold flowers with a yellow and red lip.	£40.00
P. Samuel Butterfield 'Blue Tit'	(P. Leda x P. grandiflora) Very pale lavender petals and sepals. Large lips with pale purple spots.	£25.00

P. Santa Maria 'Nightjar'	(P. Volcanello x P. aurita) The purplish pink flowers have large open lips of salmon, apricot and yellow.	£15.00
P. Santorini	(P. Soufriere x P. coronaria) Large flowers of white shaded lavender with the ends of the lips heavily marked with plum, buff or brown.	£6.00
P. Santorini 'Yellow Wagtail'	The petals and sepals are cream flushed with pale mauve. The Lip is pale yellow spotted with dark red.	£12.00
P. Shantung 'Double Cream'	(P. formosana x P. confusa) Large yellow flowers with sepals and petals very faintly overlaid with Mauve. Yellow lip with red brown markings.	£12.00
P. Shantung 'Ducat'	Large yellow flowers with very faint red markings on the petals. Lip is heavily spotted with crimson.	£12.00
P. Shantung 'Gerry Munday'	Very vigorous clone. Flowers are pale yellow with red lip markings.	£12.00
P. Shantung 'Silver Anniversary'	A very vigorous grower with white flowers.	£6.00
P. Sharon Ann Winter 'Marsh Owl'	(P. San Salvador x P. Keith Rattray) The sepals and petals are mauve pink. The lip is yellow with many red spots.	£20.00
P. Shasta	(P. Sajama x P. aurita) Violet mauve flowers with large open lips spotted with orange red.	£6.00
P. Sinope	(P. scopulorum x P. chunii) Dainty pale lavender flowers with dark lavender or brown spots on the lip. Only makes small pseudo-bulbs.	£10.00
P. Snow Monkey	P. yunannensis x P. grandiflora) Pale pink almost white flowers with orange brown lips.	£15.00
P. Sunset Crater	(P. Lyn Butterfield x P. Michael Butterfield) All flowers are dark reddish purple to ruby red. The lips are dark ruby red with darker spots and yellow keels.	£15.00
P. Sunset Crater 'Wattled Plover'	Dark red flowers with yellow keels on the lip.	£20.00
P. Suswa 'Sand Plover'	(P. Orizaba x P. Edgecombe) The sepals and petals are pale orange with a pink sheen and the large yellow open lip has brown spots.	£25.00
P. Taal 'Red Tailed Hawk'	(P. Etna x P. El Pico) Dark purple pink flowers with lips which are almost solid dark red with yellow keels.	£6.00
P. Ueli Wackernagel 'Pearl'	(P. aurita x P. formosana) White flowers with a very faint mauve flush, and yellow inside the lip.	£6.00
P. Vesuvius 'Leopard' AM/RHS	(P. bulbocodioides x P. confusa) Large reddish pink flowers held on tall stems. The heavily frilled lip is orange flushed red with red spots. Late flowering.	£8.00

P. Vesuvius 'Phoenix'	Large reddish pink flowers with the inside of the lip orange yellow spotted with dark red.	£5.00
P. Volcanello 'Honey Buzzard'	(P. Soufriere x P. bulbocodioides) Large purplish pink flowers, which are fragrant at night.	£5.00
P. Volcanello 'Song Thrush'	Large pink flowers with red and yellow in the lip.	£4.00
P. Whakari 'Cardinal'	(P. Caroli x P. Kenya) Red flowers with a very colourful lip of red and yellow.	£25.00
P. Whakari 'Chestnut Weaver'	Dark orange bronze petals and sepals. The lip is slightly paler.	£15.00
P. Whakari 'Dusky Sunbird'	Reddish purple flowers with dark orange brown lips and yellow keels.	£15.00
P. Whakari 'Mountain Pipit'	Dark reddish pink flowers with a dark orange red lip with red blotches.	£15.00
P. Whakari 'Natal Robin'	Brownish red flower. The lip is yellow with heavy red spotting.	£15.00
P Zeus Weinstein 'Egret'	(P. formosana x P. forrestii) The flowers are white with a very faint lavender flush. The white lip is heavily marked with purple red.	£20.00

WINTER FLOWERING PLEIONE HYBRIDS

Why not enjoy pleiones in flower through the winter. The following will flower from November through to February if given temperatures around 40- 45°F (5-7°C).

P. Barcena	(P. formosana x P. praecox) The flowers vary from pale mauve to dark pink with various brown or reddish spots on the lips. Several clones have been used to produce this cross resulting in flowers with very variable colour. Starts flowering in November.	£4.00
P. Confirmation	(P. maculata x P. praecox) This is the artificially made form of the natural hybrid P. lagenaria. White to pale mauve flowers. The lips are heavily blotched with yellow and red. Needs extra warmth in the winter.	£15.00
P. Semeru	(P. Lassen Peak x P. praecox) Large dark mauve pink flowers with yellow and brown inside the lip. Flowers are fragrant.	£35.00
P. Wharfedale 'Pine Warbler'	(P. Hekla x P. Lassen Peak) Pale mauve flowers. Lip is almost white on the outside, inside is dark red with yellow keels.	£5.00

TERMS

All pseudo-bulbs are offered subject to being available at the end of the growing season. Orders received after January 1st 2020 will be held over until the following year.

Prices are for dormant, flowering sized pseudo-bulbs, which have been grown in this country. Unfortunately it is impossible to guarantee flowers.

Orders to the UK will be dispatched early in January, unless previously agreed otherwise. If the weather is unsuitable for dispatch, orders will be held until it improves. No order will be acknowledged unless a S.A.E. is enclosed.

ALL ORDERS to the EU will be dispatched in early December.

Please enclose a list of substitutes in case any varieties are sold out. Alternatively an equal or better variety will be sent instead.

PAYMENT

Please make **cheques** payable to **K. BUTTERFIELD**.

Payment of export orders in sterling only, either by cheque drawn on a UK bank, or Giro cheque. **If any other form of payment is used please enclose an extra £10.00 to cover my bank charges.** Only pre-paid orders can be dispatched. If cash is sent please use registered post.

ORDERS TO UK

Please add £5.00 towards cost of postage and packing. Orders over £70.00 post free.

ORDERS TO EU COUNTRIES

Please add £7.00 towards cost of postage and packing. Orders over £100.00 post free.

If an order form is not with this catalogue please list on a sheet of paper:-

- Your name and address
- The varieties you require, the number of each and the catalogue prices
- The total price including appropriate post and packing as above.

Send with payment to this address:

Ian Butterfield, Yaffles, Harvest Hill, Bourne End, Bucks., SL8 5JJ, England.

Please keep a copy of your order.

PLEIONE CULTURE IN THE UK

Pleiones are quite easy to grow in spite of the fact that they are orchids and most people assume that they need a lot of heat in the winter. In fact the reverse is true as they rest for most of the winter, and grow during the spring and summer, which fits in with the UK seasons very well.

In the wild in Asia they are found growing in the moss and debris on fallen trees and logs, in pockets of soil between rocks on almost vertical cliff faces, and on steep slopes in humus and moss. They therefore enjoy a very free draining compost with a shallow root run so are best grown in half pots or pans about 3"-4" (8-10cm) deep. Single bulbs are best in a 2½" (7cm) pot.

Previously used pans are best scrubbed in a solution of Jeyes fluid (use protective clothing) and then left to dry before use. If crocks are used then these should be scrubbed as well, but with a very open bark compost crocks are not really necessary.

The compost must be very free draining but be capable of holding moisture as well as air. A good simple compost is 10 parts by volume medium grade bark (orchid or ornamental grade), 2 parts fibrous peat from which the fine particles have been sieved and 1 part coarse grade Perlite. Other ingredients can be used in small quantities, such as chopped moss (either sphagnum or wood moss), shredded oak or beech leaves, and charcoal, but these are not essential. Another simple compost consists of 4 parts small to medium grade bark and 1 part chopped moss. Most pleiones grow well in this mix.

Pleiones can also be grown in loam based composts providing they contain plenty of grit but it is easy to over-water in the spring as the drainage is not so free.

Pleiones start to go dormant around September/October, so by December they should all be resting. They can then be repotted after the old shrivelled pseudo-bulbs have been discarded and the dead roots trimmed to about ½" (1cm) long. The pan is filled with compost to within 1" (3cm) of the top and the pseudo-bulbs stood upright on the compost allowing about ¾" (2cm) between each. The pans look crowded at this stage, but do not worry as you will get a good show of flowers and you are going to feed them during the summer, so they do not have to rely on the compost for nourishment. Compost is then poured around the bulbs so that about a third of the pseudo-bulb is above the surface.

The temperature in the winter, while they are dormant, can go as low as 34°F (1°C) and they will come to no harm providing the compost is dry. As the sun gets stronger towards the end of February, and the temperature starts to rise, the compost should be moistened, but only just, in order to make the new roots grow strongly looking for water. Before the flower buds get too large, spray with a systemic insecticide to remove the problem of greenfly on the flowers.

While growing, Pleiones enjoy fresh air so give plenty of ventilation. Do not ever repot Pleiones while they have live roots as it will almost certainly kill them.

Depending on which species or hybrids are being grown, flowers will appear from early October until May. The main batch of flowers will be March and April. As the flowers begin to fade the leaves will begin to grow fast so this is the time to begin liquid feeding. Feed should be given at half normal strength every other time they are watered. A balanced feed of nitrogen (N), phosphate (P) and potash (K) in the ratio 1:1:1 is best until the end of July, and then switch to a feed with a ratio of 1:1:2. If the liquid feeds contain trace elements so much the better. It is a good idea to spray the foliage during the summer with Maxicrop as this will also give trace elements.

From about the middle of March, Pleiones need to be shaded from direct sunlight as their leaves are tender and scorch easily.

During June and July they like plenty of moisture in the compost and in the atmosphere. After a hot summer day, they love to be sprayed over the leaves in the evening, and also to have plenty of water on the floor of the greenhouse so that the atmosphere around them is moist overnight. They do not get many pests so an occasional spray is all that is needed.

By September/October the leaves begin to go yellow, and the amount of water the pseudo-bulbs receive has to be gradually reduced as they are now starting to go dormant. The leaves eventually go brown and then drop off. The roots take a little longer to die but by the middle of December the pseudo-bulbs should be completely dormant.

Most Pleiones increase easily, usually making two new flowering size pseudo-bulbs from the previous years, which is of annual duration. They also usually produce bulbils at the apex of the old pseudo-bulb. These can take two to three years before they are big enough to flower.

Most Pleiones flower in the spring as they start to grow but there are a few that flower in the autumn and winter. The winter flowering hybrids are the easiest of these to grow, with some flowering as they go dormant while others flower later on through the winter. These prefer a higher winter temperature of 40°F (5°C).

Pleiones can be grown outside in the garden in the UK, but shelter is needed. Position them perhaps at the base of a tree, or under a shrub, in a humus rich very well drained soil. They need plenty of moisture during the summer, and also feeding. Most appear to be hardy during milder winters but do need to be protected from winter wet with a sheet of glass or a cloche.

