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# CLIVIA



# NEWS

Quarterly Newsletter  
of the Clivia Society

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# CLIVIA NEWS



## The Clivia Society [www.cliviasociety.org](http://www.cliviasociety.org)

The Clivia Society caters for *Clivia* enthusiasts throughout the world. It is the umbrella body for a number of constituent Clivia Clubs and interest Groups which meet regularly in South Africa and elsewhere around the world. In addition, the Society has individual members in many countries, some of which also have their own Clivia Clubs. An annual Yearbook and quarterly Newsletters are published by the Society. For information on becoming a member and / or for details of Clivia Clubs and Interest Groups contact the Clivia Society secretary or where appropriate, the International Contacts, at the addresses listed in the inside back cover.

## The objectives of the Clivia Society

1. To coordinate the interests, activities and objectives of constituent Clivia Clubs and associate members;
2. To participate in activities for the protection and conservation of the genus *Clivia* in its natural habitat, thereby advance the protection of the natural habitats and naturally occurring populations of the genus *Clivia* in accordance with the laws and practices of conservation;
3. To promote the cultivation, conservation and improvement of the genus *Clivia* by:
  - 3.1 The exchange and mutual dissemination of information amongst Constituent Clivia Clubs and associate members;
  - 3.2 Where possible, the mutual exchange of plants, seed and pollen amongst Constituent Clivia Clubs and associate members; and
  - 3.3 The mutual distribution of specialised knowledge and expertise amongst Constituent Clivia Clubs and associate members;
4. To promote the progress of and increase in knowledge of the genus *Clivia* and to advance it by enabling research to be done and by the accumulation of data and dissemination thereof amongst constituent Clivia Clubs and associate members;
5. To promote interest in and knowledge of the genus *Clivia* amongst the general public; and
6. To do all such things as may be necessary and appropriate for the promotion of the above-mentioned objectives.

More information on the Clivia Society available on  
[www.cliviasociety.org](http://www.cliviasociety.org)

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The Clivia Society Newsletter started as a black on white news-sheet dated July 1992, numbered Volume 1 number 1, called 'Clivia Club'. It formed a means of communication for people interested in the plant genus *Clivia*. It was edited/written by the late Nick Primich with a frequency of 3, 5, 8 & 5 during the first 4 years, using the publication month in the volume.

The frequency was fixed on four annually with Vol. 5 No 1 of March 1996.

The date changed to the southern hemisphere seasons with Vol. 8 No 1 of Autumn 1999. The first three used yellow paper as cover. The name changed to 'CLIVIA CLUB NEWSLETTER' with Vol. 9 No 1 Autumn 2000 with full colour photos on the cover pages. Another name change to 'CLIVIA SOCIETY NEWSLETTER' came with Vol. 10 No 4 Summer 2000, and in 2005 reverted to a quarterly number.

CLIVIA NEWS is the continuation of this series.



## EDITORIAL

This issue of *Clivia News*, being close to home, while being, perhaps, too close to my heart, has been a pleasure to compile. The Lowveld is one of the minnow Clubs of the Clivia Society, but while also being the youngest affiliated Club it has some of the most seasoned growers, breeders and showers!

On the advent of 20th Anniversary the Clivia Society and its next AGM, which is being hosted by the Lowveld Clivia Club, it is a pleasure as editor to introduce some of the Lowveld Clivia places, personalities and plants. Please take the opportunity to meet many of them in person at the events arranged around the meeting of the AGM, especially if you are just a Club member and not a delegate. The Lowveld is known not only for its leisurely pace but also for its hospitality.

We unfortunately take leave of another of the founding members of the Clivia Society, Kevin Walters. Kevin's name is well known although he was by reputation a shy and retiring man. We extend our sympathy to his Clivia friends and family, especially his cousin and confidant, Jeanne Marten. His legacy lives on in his Clivia hybrids for which he was famed and those who have paid him tribute in naming plants in his honour.

**Farewell**

This is my swan-song issue of *Clivia News* as Editor. I am not making myself available for appointment as Editor by the next AGM of the Clivia Society. Someone has been identified to take the reins and will be introduced in the next issue after appointment at the AGM.

I thank all of you and the Clivia Society Executive and present and past Presidents and Exco members who have served in the time of my editorship for their encouragement and support.



COVER PHOTO - 'Pink Colly'

My special "Thank-you" goes to Fréda van Wyk who I met when we embarked on the next phase of the *Clivia News* as a production team. She has not only brought her talent but humanity to the task and I am happy to call her 'Friend'. "Fréda, alle voorspoed vir die toekoms in jou nuwe tuiste. En 'Dankie!' in die diepste sin van die woord".

I look forward to again being able to watch the post-box in anticipation of a fresh round of *Clivia News*!

So, "tot-siens"  
and

MAYCAT! ["May all your clivias always thrive" – coined by the first Editor, Nick Primich and used by my predecessor, Meg Hart]. ▼

*Roger Fisher*

*Editor – Clivia News*

**ERRATA**

The news report on the Toowoomba Clivia Society Inc. Clivia Show in the last issue of *Clivia News* was attributed to Brian Stephens. He is in fact Brian Stevens and although he is not unhappy that the report was published, he did not directly submit it for publication.

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**CLIVIA 14**

We are in preparation for the next issue of the *Clivia Yearbook*.

**Yearbook Contributions**

We need authors to submit material – we are hoping to focus on breeding and trends in the forthcoming volume, although any contributions related to things 'Clivia' is welcome.

**Photographic Competition:**

Categories [Preferably a file folder with the submission - Judges keep the right to change this]

- *C. miniata*-like flowers (Trumpet forms)
- Pendulous species & Inter-specifics (Tubular forms)
- Novelty plants and flowers (leaf, plant or flower)

- Single Flower
- Clivia in Habitat
- Clivia Art Photography

Also please send digital photos of 2011-12 show pictures and entries with WELL LABELLED digital photos which clearly indicate:

- Grower [Full name]
- Breeder [Full name]
- Breeding of plant
- Registered name [if applicable]
- Prize awarded [if applicable]
- Photographer [Full name]

If your Club Representative to the AGM can bring the material it helps! Or post them to:

PO Box 1039  
White River  
1240. ▼

**IN MEMORIAM****VALE, KEVIN WALTERS**

*Di Mathews – Toowoomba, Australia*

*"Orange is the colour of exuberance and vitality, and that enlivening splash of orange in the spring garden colourscape means that old favourite Clivia miniata is in bloom."  
( Kevin Walters – 1987)*

**K**evin Walters, from Toowoomba, Australia, who was regarded by many in the clivia fraternity as one of its 'leading lights', died unexpectedly at his home on January 29, 2012.

Kevin, along with Nick Primich, and a small coterie of enthusiasts, was one of the founding members of the Clivia Society, and through this, he formed lasting friendships with people from around the world.

Kevin was a pharmacist by profession, and had a keen, analytical mind, which he put to good use with his clivia breeding. He was also very generous by nature, as the many people who were gifted plants and seeds from Kevin will readily attest.

He bred and nurtured clivias for nearly forty years, and during this time, he closely collaborated with Jeanne Marten, his cousin,



Kevin Walters

PHOTO: Di Mathews

who is also from Toowoomba.

Kevin was an active and highly valued member of the Toowoomba Clivia Society, and regularly exhibited in their renowned annual Clivia show, where his plants, most notably his creams, were highly revered.

Kevin was thrilled, when two years ago,

a submission that I presented to the Clivia Society in South Africa nominating him for Honorary Life Membership, was unanimously accepted. This submission was assisted by the wholehearted support of people such as Roger Fisher, Keith Hammett of New Zealand, and also the untiring support of Jeanne Marten, who was one of Kevin's closest confidants.

Kevin Walters quietly bred some of Australia's best clivias for decades, producing some superb orange and yellow clivias, known for their large recurved flowers and beautifully formed spherical umbels. He also bred some stunning peaches and bronzes. One of his most notable peach plants is 'Esmond Jones', which was bred from Schenkel seed from Germany. It had the early name of 'Poo's Pink', until Kevin changed the name to 'Esmond Jones', in honour of old friend of his.

Kevin was fascinated with bulbous plants as a young boy, and this interest was piqued by the garden of his paternal grandmother Charlotte, which was full of bulbs such as Belladonna lilies, hippeastrums, narcissus species, and "drifts of freesias in the front garden". He was given his first clivia in his early teens by his grandmother, who could scarcely have imagined how he would develop them as an adult.

When Kevin first started with clivias as a young man, there was almost no information available on such plants. The books and magazines dedicated to these plants had not yet been written, and it really was a case of trial and error, and waiting patiently, sometimes for years, to see what worked.

Kevin dabbled in clivia hybridising for about fifteen years, but it was only after he used a good form of yellow clivia that he began to achieve his spectacular results. He managed to acquire two Belgian hybrid seeds from Goodwins in Tasmania in 1964. One of these seed grew to maturity and flowered, and he called this plant '1964'.

In the early 1970s, Kevin acquired his first yellow clivia – 'Aurea', from a Mr Pollard in



Kevin Walters-'Edmund Jones'

PHOTO: Di Mathews

Caulfield in Victoria. It must be remembered that at this time, yellows were indeed rare and prized plants.

He made his first cross 'Aurea' X '1964' in 1976, and the progeny of this cross included the well-known and highly regarded 'Relly Williams', 'Valerie Martin', and 'Valerie Martin Supreme' – all orange flowering plants with large full flowers, which were 'split for yellow'.

'Relly Williams' is probably the most well-known cultivar bred by Kevin, and it is renowned for its huge orange flowerhead. 'Relly Williams' is also used to produce stunning creams, with big heads of large recurved flowers.

Kevin made another cross in 1979 – 'Aurea' X a 'Kewensis' orange. This orange had an interesting history – the first seed of it came from the Kew Gardens in England, brought back hidden in a handbag. The plants resulting from this cross comprised about a third yellows, one of which had a green throat and was later named 'Monica Conquest'.

The well-known clivia breeder Bill Morris was among the many admirers of these yellow clivias bred by Kevin, and Bill visited

him many times, further enlightening Kevin about observing his plants for form, as well as for colour. Kevin credits Bill for opening his eyes to the concept of the flower form; these lessons were further reinforced by the noted iris breeder and judge, Rita Caldwell. Rita explained to Kevin that “the gardener goes for colour whereas the breeder’s main concern is form” (Kevin Walters 1987).

Kevin was making friends around the world at this time in his life, and often corresponded with Les Hannibal of California, a well-known bulb breeder as well as something of an expert on crinum.

It was 1992, however, that Kevin remembers with great clarity and pride. Ken Smith of Sydney organised for Yoshikazu Nakamura, universally regarded as the one of the world’s best breeder of clivias, to visit Australia. Kevin met with Nakamura on several occasions, and Nakamura was so impressed with Kevin’s plants that he took a quantity of pollen back to Japan to assist



Kevin Walters Yellow

PHOTO: Di Mathews



Kevin Walters-GT

PHOTO: Di Mathews

in his own breeding program. Kevin also sent plants and seed to Japan, and some years later, he received back from Nakamura some seed of ‘Walters Yellow’ X ‘Vico Yellow’, ‘Walters Yellow’ X ‘Vico Gold’, and ‘Monica Conquest’ X ‘Vico x Kevin Walters Yellow’.

Nakamura also named one of Kevin’s plants. This plant was an interspecific (*cyrtanthiflora* X *miniata*) bred by Kevin, the colour of which Nakamura said reminded him of the cherry blossom at home, so he named the plant ‘Sakura’, which means cherry blossom.

By this time, Kevin had also made contact with clivia growers in South Africa, notably Nick Primich and others.

He made the acquaintance of Dr Keith Hammett when he visited from New Zealand, and Bob Pearce, a wholesale nurseryman who accompanied Dr Hammett. These men were also very taken with the yellows that Kevin had bred.

Over the next decade, Kevin was honoured with gifts of seed from Nakamura, as well as growers from South Africa, including Nick Primich, James and Connie Abel, Dawn Strydom, and in more recent times, Sean Chubb and Felicity Weeden.

Kevin, of course, reciprocated these favours, as well as sharing and exchanging seeds and plants with other growers in Australia.



PHOTO: Di Mathews

Di Mathews and Kevin Walters

In his later years, Kevin had the desire to return to his beginnings, in regard to one of his early crosses. In 2005, he again crossed 'Aurea' X '1964', and he was also evaluating some of the first and second generation crosses that Nakamura did with his yellows, as well as assessing the progeny of his clivia 'Sakura'.

Clivia bred by Kevin are widely sought after, and are in collections of people around the world, including Japan, South Africa, and North America, as well as in his home country. Collectors worldwide admire and desire the sumptuous flower-heads with the

beautiful large recurved petals, for which Kevin's plants are renowned. He was keen to establish the area where he lived and worked all of his life to become a centre of excellence for the plant he spent his life trying to understand and improve.

The world of clivias was a source of never-ending fascination for Kevin, and we are all very saddened and left much poorer by his premature passing. ▼

### References

Kevin Walters Australian Garden Journal Vol 6 No 4 April/May 1987.

## EULOGY - KEV WALTERS

**Kevin Larsen (Immediate Past President, Toowoomba Clivia Society Inc.) and Coral Larsen, Toowoomba, Australia.**

At the funeral of the late Kevin Walters, Kevin & Coral Larsen read a eulogy for Kevin on behalf of the, Toowoomba Clivia Society Inc. Australia, of which Kevin was a member.

*"We have known Kevin Walters more than 30 years with our friendship connecting with our mutual love of Clivia or as Kevin would say CLIVEA.*



Kevin's love for the plant *Clivia* started when he was a young boy when his Nana gave him his first plant. He was smitten for life with the plant world.

Kevin was the Patron of the Toowoomba *Clivia* Society. He was a great sounding board for the amateur collector and experts alike with his absolute wealth of knowledge.

Kevin was a successful plant breeder corresponding and swapping seed with Australian and overseas breeders. Kevin was the "QUIET ACHIEVER" of the plant world and many of us here have been fortunate enough to share his passion of *Clivias* or *Clivea* and have a few of his plants in our collections.

At many a *Clivia* meeting he would rock up with a lucky door prize or two, or three, or more, we were all like kids at the lolly shop waiting for the draw of the lucky door to see who got the first pick.



Kevin Walters

FILE PHOTO - CLIVIA SOCIETY

When it came to the big event, our annual spring *clivia* show, Kevin would arrive with his car packed to the hilt with many, many special plants followed by a load of plants of high quality and presented to perfection as only Kevin could do.

The unusual and different species from overseas breeders were always an eye catcher at the show He will be sadly

missed.

As well as his love of *Clivia* he had a love of Floral Art and grew many flowers for floral arrangements for his place of work during Carnival of Flowers time and also for the Empire Theatre, he also enjoyed Restoration of Historical Buildings.

Today we have lost a great mentor, great philosopher, an historian, and a great friend, may he rest in peace in CLIVIA HEAVEN.

THANK YOU." ▼

## CLIVIA SOCIETY MATTERS

# NOTICE OF AN ANNUAL GENERAL MEETING OF THE CLIVIA SOCIETY TO BE HELD ON SATURDAY 19 MAY 2012

## ARRANGEMENTS FOR THE CLIVIA SOCIETY'S AGM 17 TO 20 MAY 2012

With reference to the notice on pages four and 5 in the latest *Clivia* News (Vol 20 No. 4 – October to December 2011), just the following.

We would appreciate it if you could send us as soon as possible the number of members that will be visiting the Lowveld during 17 to 20 May 2012 for the AGM. We want to organize habitat tours etc. and have to do bookings in advance.

The contact details for accommodation at Bundu Country Lodge as mentioned in the news letter is as follow:

Telephone number 013-758 1221/2,

Cell Nr. 082 898 9533,

Fax nr. 013-758 1208,

e-mail address: [br@bundulodge.co.za](mailto:br@bundulodge.co.za)

web address: [www.bundulodge.co.za](http://www.bundulodge.co.za)

We hope to hear from you soon to enable the Lowveld *Clivia* Club to arrange a successful and pleasant event! ▼

Regards,

Paul Kloeck

Chairman: Lowveld *Clivia* Club

# Programme for the Clivia Society Annual General Meeting

We could make use of this opportunity to visit various *caulescens* and *miniata* habitat locations and propose as a preliminary programme the following:

DAY	ACTIVITY
Thursday 17 May 2012	<p>Arrive and take up accommodation. (Bundu Lodge would appear to be the most practical and affordable accommodation.</p> <p>It is conveniently located on the R40 between Nelspruit and White River. We attach info in this respect. Please note rates are valid till 29 February 2012. Delegates are responsible for their own reservations.</p>
Friday 18 May 2012	<p>06:30 to 17:00 - Mariep's Kop: Full day trip to Northern Drakensberg (Blyde National Park) to view tens of thousands of <i>caulescens</i> in habitat with no fewer than 20 sites where several <i>caulescens</i> are growing naturally in trees. In addition the species diversity of fynbos in the Blyde National Park protected area exceeds that of Cape Point National Park.</p> <p>45-seater bus to be provided by LCC members who will also obtain the required permits to enter the State Forests and Blyde River Protected area. Costs will be R200 per person including transport, entrance permits to both parks, refreshments and lunch. (alcohol for own account).</p>
Saturday 19 May 2012	<p>08:00: Visit collections of Chris Welgemoed/Neethling du Toit, Annette and Johann Rademeyer, Greg Jones (Embizeni – Heritage Site), Attie le Roux. Paul Kloeck etc. or presentation by Knittex of growing results under different shade cloths at the home of Paul Kloeck, 'Clivia Kingdom'.</p> <p>11:00: Tour of Lowveld National Botanical Gardens (LNBG) by Willem Froneman – Besides the numerous <i>Clivia</i> species, Willem who has spent 26 years at the LNBG is an expert on cycads, aloes, indigenous trees etc.</p> <p>13:00: Finger Lunch at Educational Centre of LNBG. Costs R 120/ head. Cash Bar.</p> <p>14:00: AGM starts at LNBG Educational Centre.</p> <p>18:00 till late: Dinner at Kazuri Restaurant in the Botanical Gardens. This restaurant overlooks the Crocodile River cascades and is a spectacular spot.</p>
Sunday 20 May 2012	<p>07:30: Visit to Bearded Man to view <i>Clivia miniata</i>, <i>caulescens</i> and <i>nimbicola</i> in habitat. Short presentation by Stephen van der Linde on <i>miniata</i> flowers of Bearded Man.</p> <p>Transport, lunch and refreshments provided by LCC members. Costs R150 per person.</p>

Members must PLEASE ADVISE DIRECTLY AFTER READING THIS if they are interested in any of the tours to assist us to be able to plan accordingly.. ▼

**CLIVIA SOCIETY BEQUESTS & DONATIONS**

# Donations and Bequests to the Clivia Society and /or to the Clivia Research Fund

*Sakkie Nel - Clivia Society*

All funds are administered by The Clivia Society and voted annually by the appointed Clivia Club delegates to the Annual General Meeting of the Clivia Society.

Delegates to the 2012 AGM of the Clivia society will be asked to vote on a proposal that all donors of over R500 or more be added to a role of honour in recognition of their goodwill to the understanding of the genus Clivia.

In terms of the PBO Exemption No. 930 036 393 of The Clivia Society, before funds are paid over at the request of the University of the Orange Free State, or other research institutes. the following has been approved by SARS:

Donations by or to The Clivia Society (public benefit organisation) are exempt from donations tax in terms of section 56(1)(h) of the Income Tax Act.

Bequests or accruals from the estates of deceased persons and members in favour of the public benefit organisation (The Clivia Society) are exempt from the payment of estate duty in terms of section 4(h) of the Estate Duty Act, 45 of 1955.

Donations to the Society or Clivia Research fund are greatly appreciated and received with thanks, to be paid into the following Bank Account:

Account Name: Clivia Society; Type of account: Cheque account; Bank: Absa  
Branch: Pretoria North; Branch code: 509 145  
Account no.: 4055377527

Deposit Reference: Donor's Initials and surname.

After deposit was made please send an e-mail or fax to:

The Treasurer: Sakkie Nel

Tel. +27 12 361 6415 or +27 82861 1492

Fax to: +27 12 804 8892 (Dr. Lena van der Merwe)

e-mail to: [corgas@vodamail.co.za](mailto:corgas@vodamail.co.za) and [cliviasoc@mweb.co.za](mailto:cliviasoc@mweb.co.za). ▼

**HABITAT CLIVIA**

## Mariepskop – habitat to two distinct forms of *Clivia caulescens*

*Sue Kloeck, Lowveld Clivia Club*

**A**ll that is needed to view the botanical and scenic wonders of Mariepskop, 87 kilometers from Hoedspruit is an inexpensive permit from DWAF. One can enjoy unforgettable walking and mountain biking trails whilst taking in the botanical wonders and indigenous forest. The Mariepskop com-

plex is situated on the eastern side of the Drakensberg Escarpment facing away from the Blyde River Canyon. The mere 1945m altitude crowns the peak, the highest peak in the Northern Drakensberg Escarpment. On a clear day one can view Maputo and the Indian Ocean. The military radar equipment of the

PHOTO: Roger Fisher



A pastel *C. caulescens* with green ovary (compare with yellow ovaries of the pink next).

PHOTO: Roger Fisher



An epiphytic *C. caulescens*. Greg Jones notes that there seems to be a consistent association between clivias as epiphytes in Lemonwoods (*Xymalos monospora*).

SADF stands tall against the natural wilderness and is visible from the areas down far below.

This area is unique for its floral diversity. The foothills are savannah and on the slopes and in the kloofs and crags, montane forest species can be found. It is not well known that the abundance of well over 2000 plant species make the biodiversity greater than the Kruger National Park and Table Mountain.

All over the world people debate the issue of whether flora in habitat are being protected for future generations to enjoy. It is believed that our natural clivia habitat sites are being disturbed and preyed on by man. The abundance of the *Clivia caulescens*, in flower and laden with berries or fruit, seen in this region proved that the species is not being threatened here.

*Clivia caulescens* is an evergreen bulbous plant which produces rhizomes which tend to sucker and in time also grow into large plants. They are only indigenous to eastern Mpumalanga and Limpopo and found nowhere else in the world. They occupy the forest floor, either on moss or lichen covered rocks or in tree trunks. Sabie, Mt Sheba and God's Window, with altitudes ranging from 1500m – 1770 metres above sea level, are still blessed with many of this species of clivia. The specific name "caulescens" refers to the fact that this species has a stem. These clivia can be self or bird pollinated. Samango and vervet monkeys, turacos and other birds are also sometimes pollinators. Rodents are also responsible for the distribution of its seeds. Evidently the mice and rats consume the soft tissue which covers the seeds, once eaten are left for the seeds to germinate. Fortunately for those who worry that this species is endangered, they are not sought after for medicinal and spiritual purposes by people. Also the places where they occur (e.g. inaccessible spots on vertical cliffs) make it difficult for them to be tampered with.

Strong legislation is in place to protect indigenous flora (not only this clivia species), but sadly the enforcement is difficult to uphold. One can only hope that humankind

PHOTO: Roger Fisher



Colour variation in habitat *C. caulescens* along the Picnic Trail at Mariepskop.



A good seed set. Note the ant, whom some believe to be the chief natural pollinators of *Clivia*.

has a conscience and does not plunder the environment of any natural flora.

### Mariepskop Fact File

Fog-harvesting for water – clouds on tap

<http://slowvelder.wordpress.com/2010/08/24/mariepskop-the-summit/>

The first fog collection installation in South Africa was at Mariepskop in 1969/70. It was used as an interim measure to supply water to



The *C. caulescens* clones in the more exposed sites of the fynbos scrub associated with other plants such as *Aloe arborescens*.

PHOTO: Roger Fisher



The *C. caulescens* in the fynbos zone are more exposed, the leaves more leathery, the plants stockier, the flowers deeper red.

the South African Air Force personnel manning the Mariepskop radar station. Two large fog screens, constructed from plastic mesh and measuring about 28m x 3,5 m each, were erected at right angles to each other and to the fog and cloud-bearing winds. These yielded more than 11 l of water per square meter of collecting surface, per day. Unfortunately, the project was terminated once an alternative water source was found.

### Military milestones

[http://www.af.mil.za/bases/afb\\_hoedspruit/lass.htm](http://www.af.mil.za/bases/afb_hoedspruit/lass.htm)

In the 1950's, the planning and development of Mariepskop Radar Station started. Project NATSEC (National Security) was launched to establish a chain of radar stations along the borders of the then Transvaal in order to protect the Witwatersrand area from possible aerial attack emanating from neighbouring

states. These radars were to ensure optimum coverage, and thus a communication network was essential for the link with the fighter base at Waterkloof as well as with each other. Subsequently, in 1954, Capt Cockbain and Cpl Franke ventured through the forest in order to reach the mountaintop of Mariepskop to assess the site for radio communication.

In 1955 1 Mobile Construction Flight started construction of the road to Mariepskop, which was deemed impossible by both civilian and provincial contractors. WO1 Rohrbeck was in charge of this unit and spent a year extending the forest road by five kilometres to the proposed domestic site, so as to use it as a base of operations. The basic road, to carry up equipment with which to establish the planned radio repeater site, was finally completed in February 1957.

On 21 March 1957, the first radar radiation tests from Mariepskop took place and after some (possibly radical) adjustments were made, proved so successful that the decision was taken to go ahead with plans to establish a radar station there.

In late 1961, the Rohrbeck road was widened to accommodate the large equipment and servicing vehicles needed in the operation of an Air Defence Satellite Station. The contract for the radar equipment was awarded to the British Marconi Company, and so 1 Satellite Radar Station of the South African Air Force grew in reality. 1 Air Defence Unit began operating on 1 January 1964 and Mariepskop was officially named 1 Satellite Radar Station. The station became operational on 18 November 1965 and was declared officially open on the same day by the then Prime Minister Dr H.F. Verwoerd.

After some years of successful operating, the need arose for the upgrading of the unit, and this coincided with the need for another name and so the Lowveld Air Space Control Sector (LASS) was subsequently opened by Gen D.J. Earp, SSA, SD, SM. During August 1989 the unit moved to a new complex at AFB Hoedspruit and Mariepskop became a Reporting Post for the Sector Control Centre (SCC). ▼

## CLIVIA PLACES

# Lowveld Botanical Gardens

*Sue Kloeck – Lowveld Clivia Club*

*To view other beautiful indigenous Clivia species, be sure to visit the Lowveld Botanical Gardens.*

The Lowveld Clivia Club now holds its annual Clivia Show at the Educational Centre of the Lowveld National Botanical Gardens, which recently celebrated their fifty-third year of existence.

The Lowveld National Botanical Gardens are one of eight botanical gardens in South Africa. In 1969 a donation of 159 hectares of land was made by the Nelspruit Town Council and H.L. Hall & Sons to found the “gardens” intended to promote tourism, education and conservation of the diverse flora of the region. The Crocodile and Nels Rivers flow through the gardens creating spectacular cascades, over scoured out solid rocks, which are particularly impressive during the rainy season.

The “Gardens” are ‘home’ to over 600 naturally occurring plant species and a further 2000 that have been introduced in its half century existence. Around 650 out of approximately 1000 tree species indigenous to South Africa can be viewed and identified as well as the world’s finest collection of cycads. More recently an “African rainforest” section has been created on the eastern bank of the Crocodile River which represents the sadly disappearing tropical rain forests of Central and West Africa. This is a world first for the Lowveld Garden.

The Lowveld Botanical Gardens are a joy to visit at any time of the year. Spring is undoubtedly an exceptional time as one can view the enormous beds of shade-loving, brightly coloured



Local visitors at the clivia bed of the Lowveld NBG.



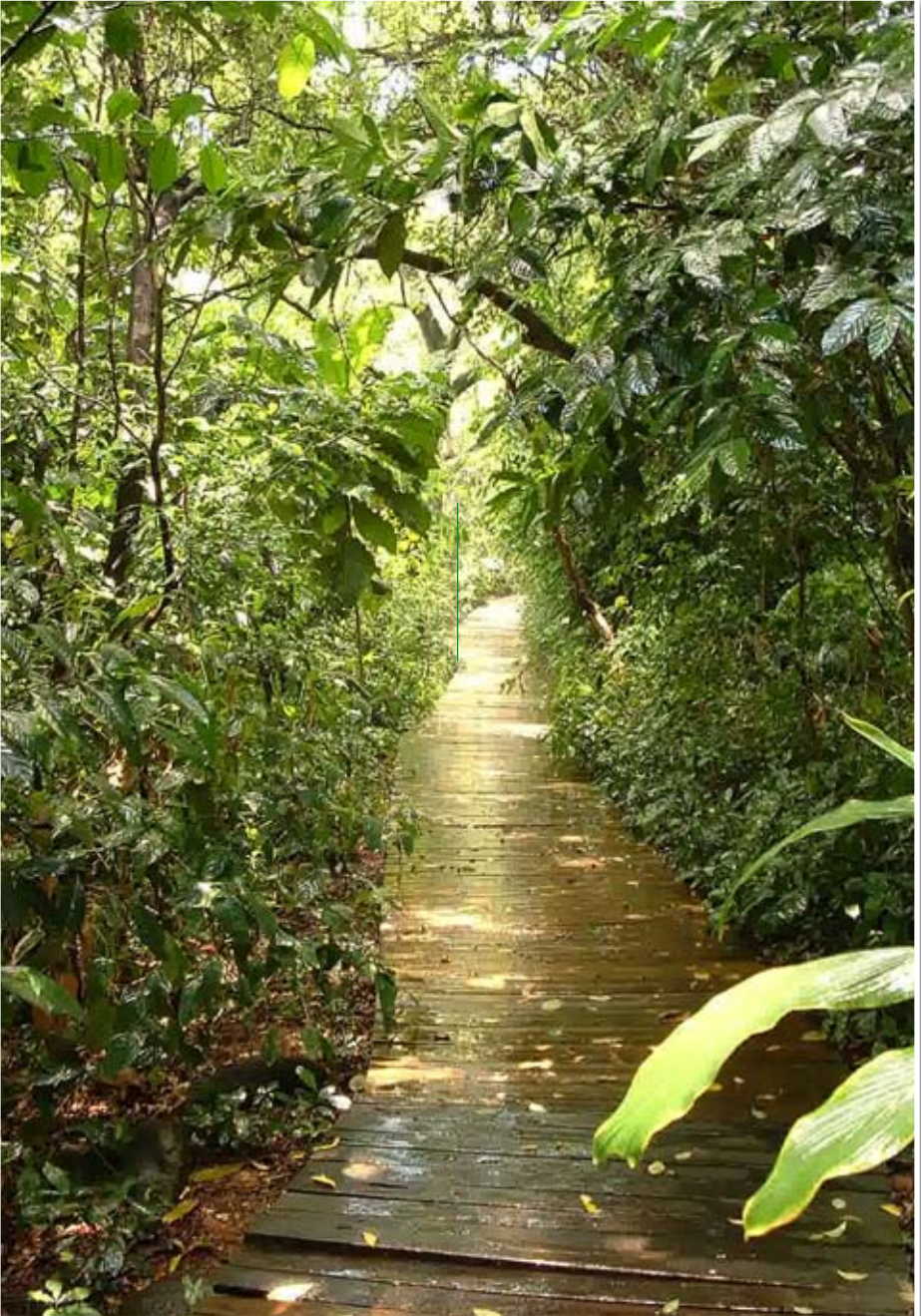
Lowveld NBG Clivia bed.

clivias planted in mass under the huge trees.

The clivia collection in the Gardens were started in 1970 when Koos Nel (the curator at the time) and Elize Buitendag (a botanist) who brought the first *Clivia miniata* to Nelspruit from Bearded Man close to the Swaziland border. Ten years later in 1980 a second species of Clivia, the *Clivia caulescens*, was brought into the Gardens by Johan Kluge from a habitat collection in Graskop. Kluge who became the Gardens' next curator, introduced the broad-leafed Belgian *Clivia miniata* from Coromandel Nursey near Lydenburg in 1985. In 1987 Kluge then brought in the *Clivia nobilis* from the Kei River in the Eastern Cape where they occur naturally. Johan Hurter brought in yet a fourth species, the *Clivia robusta*, from KwaZulu-Natal in 1980. These clivias seem to prefer wetter areas and are also fondly named 'swamp' clivias. All six species can be found in the Gardens.

Lowveld NBG Rain Forest *Clivia caulescens* bed.





PHOTOS: Roger Fisher

Lowveld NBG Rain Forest Boardwalk.

In 1985 Willem Froneman noticed something rather different and strange flowering among the clivias which had been introduced into the Gardens from Bearded Man.

The flowers on these clivias were flowering neither upwards not pendulous, but rather were standing out away from their stems. That is when the horticulturalists at the Gardens realised that they were the only naturally occurring hybrid or inter-specific of the cross between *Clivia miniata* with *Clivia caulescens*, later called *Clivia x nimbicola*, the “dweller of the mists”. ▼

Right: The Nel River in the Gardens.

Below: New Mpumalanga Legislature from Gardens.



**LOWVELD CLIVIA PERSONALITIES****JOHAN KLUGER (posthumous, 1947-1998)****(SABONET News Vol. 3 No. 3 December)**

**J**ohan Paul Kluge was born at Nongoma in KwaZulu-Natal on 29 November 1947. After gaining his BSc in 1969, his THOD in 1971, and his BSc (Hons) in 1972, he taught Biology briefly. In 1973 he was employed by the then Department of Forestry as Forest Research Officer, based at Witklip between Sabie and White River.

In 1978 Johan married Louise van der Zeyde, daughter of Alfred van der Zeyde, then Curator of the National Botanical Garden at Harrismith. Louise's mother had been Executive Secretary of the Botanical Society at the time of her marriage. It was perhaps these connections that encouraged Johan to apply for the post of Curator of the Lowveld National Botanical Garden in 1980.

Johan was a man who loved plants passionately. What set Johan aside from many others

The late Johan Kluge during a presentation to SABONET course participants on their visit to the Lowveld National Botanical Garden, Nelspruit, South Africa, in August 1997.



was his ability to appreciate the special set of environmental requirements that was vital in order for a plant to grow well, away from its natural habitat. This was reflected in the wonderful variety of trees and shrubs and the atmosphere of tranquillity and beauty that was a hallmark of the Lowveld Botanical Gardens. ▼

**DAAN DEKKER**

**D**aan Dekker was founding father of the Lowveld Clivia Club, then the Lowveld Clivia Enthusiasts Group of the Northern Clivia Club. He has since retired to Eshowe, Kwa-Zulu Natal with his wife, Isabel.

He has sent one of his hybrids for us to admire.

*Clivia miniata* (Coromandal) x Yellow X Yellow x *C gardenii*.

'Isa-Bell' - the plant has a distinctive "bell" form.

He has named this special hybrid after his wife, Isabel.

"Greetings etc" from Eshowe to all Lowveld Clivia friends. ▼



'Isa-Bell'

## CHRIS WELGEMOED and 'Clivias Unlimited'

*Roger Fisher (from notes of interviews) - Lowveld Clivia Club*

Chris Welgemoed has spent the better part of his life in his office at the Agricultural Research Council as horticulturalist, growing varied and exotic plant material. He is unassuming and self-effacing but has a knack with growing unusual plants – not only the epitome of someone blessed with green fingers, but a visionary when it comes to seeing what a plant may become if properly managed horticulturally.

Chris became involved with Clivia when he advised Rory Niven, who had taken over 'Tipperary Nursery' from Cameron MacOnie, Bruce Rick-Hansen and Mike Christie in the early 1990s, on the propagation of Macadamia trees by means of cuttings. While Chris never met any of the previous owners, he saw the peach Clivias, of which there were only six plants, the rest he now presumes having been taken by Mike Christie and his partners.

Intrigued, Chris asked Rory if he could have pollen of the plants, and Rory suggested that instead he use the plants and breed with them, they splitting the proceeds 50-50. These plants became the core of what were to be called 'Tipperary Peaches'. Initially he attempted crosses with Yellows, at that stage there also not being the knowledge of the split between Group 1s and Group 2s.



'Janè'



'Peach Jan'



'Nippink'

Four years later he discovered the error of these crossings, and started breeding again, this time only crossing between select plants.

In the meanwhile in the early 2000s Howard Elphick took up shares in the business. Mark Penter, a plant physiologist, also joined the team in about 2004 and the deal was split 3 ways. The nursery was growing about 500 000 Clivia plants at the time for the general plant market and Chris had free access to the material for choosing out unusual plants, Chris selecting top plants for his own breeding at home. Rory Niven chose to immigrate to Australia and his part of the collection was sold. Howard Elphick followed some time later.

Eventually Chris sold off the entire Tipperary



'Pink Red Lips'



'Pico'

collection and breeds now only with the material he had selected for himself. He has created many plants with traits he desires – open-flowered peaches, multi-petalled peaches, green-throat peaches, variegated peaches, and a range of glorious peach-pinks and true pinks. His ambition is to pull together results of his breeding in creating variegated multi-petal green-throated open-flowered peaches and pinks! Chris not only breeds but shows, taking Best on Show at the 2011 Lowveld Clivia Show. He now works with his select material, in partnership with Neethling du Toit, who owns one of the 'best kept secret in the Lowveld!' ▼

[Note - Back Cover Below - a 'Welgemoed Pink' from the 'Welgemoed European Pink Cultivar Group.'



'Poly-Orange'

## NEETHLING DU TOIT of 'Boskaas'

*Erica du Toit - Lowveld Clivia Club*

**O**n the farm Alkmaar, situated between the granite hills on the western side of Nelspruit, Chris Welgemoed and Neethling du Toit are busy creating a natural Clivia garden. For a unique experience visitors to the AGM are invited to visit this little paradise where below a small waterfall, along a wandering stream, under the canopy of indigenous trees, between rocks and on small islands as well as on the sides of the ravine, thousands of Clivias have already been planted.

A mature blooming hybrid amongst the rocks.



A Clivia garden in the wild being created by Chris Welgemoed and Neethling du Toit.



During flowering time this site promises to be one big explosion of colour! Several important breeders have generously contributed with plants so that there is a wide variety of Clivia selections and species (more contributions are welcome!). This spectacular garden will be an asset for Clivia and nature lovers and a heritage for generations to come.

[Note: Visits and access strictly by pre-arranged appointment - Please contact the Secretary of the Lowveld Clivia Club (see last page) for contact details]. ▼

Left: A wild Clivia garden in the making.

Below: Established plants in bloom.



## ATTIE LE ROUX of 'Clivia Love Inc.'

*Roger Fisher - Lowveld Clivia Club*

**A**ttie le Roux has always had interest in Clivias as garden plants, although before the Clivia bug bit his passion were the various species of Cycads. In about 2002 he abandoned the genus and switched to Clivias when he moved to the Lowveld in the early 2000s. He sourced seed from Japanese and Chinese breeders and has built up a sizeable collection of award-winning Asian-styled plants – Darumas, Light-of-Buddha's and Akebonos, to mention just some. His particular passion is for the local endemic *Clivia x nimbicola* and has done much scrambling and searching in the Bearded Man Mountains with the local forester and Clivia grower, Stephen van der Linde, to identify habitat areas and plant groups and types of the naturally occurring inter-specific clones. Attie is a natural-born trader and barterer of Clivia plants and has managed to source many of the unusual heritage clones to add to his collection.



'Annelie'

### Some distinctive plants in the Clivia Love Inc. Collection

'Annelie' – a broad leaved inter-specific grown in his garden by Rudo Lotter of seed from Yoshikazu Nakamura, and spotted by Attie who then was given the plant and named it



'Yellow Colly.'





'Pink Colly' A habitat select  
*Clivia caulescens* [Front Cover]

after his own mother as well as the wife of a fellow Lowveld grower, Ian Radmore.

'Yellow Colly' - this is a signature Lowveld plant which had a shaky start. It was part of a load of *Clivia* plant material collected by multi-traders from habitat and confiscated after a road-block by Mpumalanga Nature Conservation. The material was planted at the nurseries of the Mpumalanga Nature Conservation and sold off to the nursery trade as the

plants recovered. What was left was sold to a local Nelspruit attorney for his garden and a few scraps and straggling plants remained with Ertjie Röhm which he relegated to a back corner next to the compost heap. One day, some years later, he noticed an unusual flower – a yellow *C. caulescens*! This is only the second such naturally occurring plant to have been identified. ▼

Below: 'Salmon Nimbi' A habitat select  
*Clivia X nimbicola*.



## PAUL KLOECK

*Roger Fisher (from notes by Sue Kloeck, LCC) - Lowveld Clivia Club*

**P**aul has lived in the Lowveld since 1981. Now a retired veterinarian, he has always been a keen environmentalist with a love of indigenous trees and plants. After a short period in KwaZulu-Natal, Paul returned to his farm in the Lowveld with bundles of *Clivia gardenii* and *C. miniata* from his garden in Pietermaritzburg. The interest in clivias had been sparked, but it was not until he had encountered a near-fatal experience on the border between South Africa and Mozambique that he decided to launch himself more fully into breeding and growing other clivias.

Paul has been collecting and breeding clivias for about nine years. He was captivated by Margot McNeill and Ansie le Roux's extensive clivia collections in forested areas of their farms in Legalametse and Levubu. Two natural

dongas on either side of the Kloeck's home provide an ideal habitat for thousands of clivias. Ultimately the Kloecks' aim is to re-establish 200 000 clivias, representing all six species of the genus *Clivia* in their garden and in canopied areas of their farm.

Paul's personal favourite clivias are large full umbelled yellows, of both *miniata* and the pendulous and interspecific types. He has purchased seeds, seedlings and mature specimens from many of South Africa's top collectors and breeders. In addition he has travelled to Australia, New Zealand and Japan to obtain quality breeding material, using these plants to produce an interesting array of outstanding yellows and pastels for which his collection has become renowned. Having the space to plant out and time to experiment,



'Blushing Virgin' 2008 Best on Show, Lowveld Clivia Club; 2009 Best Flower on Show, Northern Clivia Club.



'Virgin Blush' [Back Cover above].

Paul keeps specimens of a very broad range of clivias and crosses out extensively. The most interesting and handsome results are displayed in his garden which currently holds about 10 000 clivias and is rapidly expanding.

Paul was a founder member of the Lowveld Clivia Interest Group in 2003 and has held the Chairmanship for a number of years. Paul has garnered no less than 9 "Best on Show" awards since 2003 at the Lowveld Clivia Club (7) and at the Northern Clivia Club (2) annual shows as well as 13 'Runner up to Best on Show' awards.

Their farm, appropriately named 'Clivia Kingdom' is situated in the heart of the Curlews Valley, between White River and Nelspruit. Sue and

Paul believe that their lives have been enriched by the many wonderful, interesting, generous and hospitable clivia enthusiasts that they have met in the last decade and invite anyone visiting the Lowveld or the Kruger National Park to pop in for a visit.

(See [www.cliviakingdom.com](http://www.cliviakingdom.com) for contact details and map).

### Two signature plants of Paul Kloeck's 'Clivia Kingdom' collection

Of Paul Kloeck's best known pastels are two stunning pinks which he named "Virgin Blush" and "Blushing Virgin", the latter being used extensively in his breeding programme. ▼

## GREG JONES of 'Embizeni'

*Sue Kloeck (from notes by Greg Jones, LCC)*

### 'Fern And Forest Sanctuary' – A Natural Heritage Site and Part Of The 'Jock Of The Bushveld Conservancy'.

During the 1950s, Tony Jones, a well known doctor and botanist in the Transvaal lowveld, identified a 20ha area just north of White River, as having huge potential as a conservation area due to its large bio-diversity. He bought the property and set about not only preserving the natural fauna and flora, but enhancing it by propagating and planting indigenous species that were not



*Clivia robusta* along stream.



*Clivia robusta* population.

found on the property.

In February 1999, the farms 'Embizeni', as well as the neighboring farm, 'Saint Cloud', were included in the South African Natural Heritage Programme – Site No 301, as the 'The Fern and Forest Sanctuary'. The main feature was the abundance of tree ferns (*Cyathea dregei*) occurring on both properties. Since then the conservation has continued. Over thousand-five-hundred yellowwood (*Podocarpus*) trees from all four South African species have been planted. Clivia populations have been established along streams and in the indigenous

forests, in a similar environment to their natural habitats. These clivias include *C. miniata*, *C. caulescens*, *C. robusta* and *C. gardenii*.

The 'Fern and Forest Sanctuary' is also part of the 'Jock of the Bushveld Conservancy' as well as the 'Nosilla Ethno-botanical Garden' project.

### Greg's interest in Clivia

During the 1980s the family visited my uncle, Des Andersson, Greg's mother's brother, who then lived in Pietermaritzburg. He grew clivias for a hobby, and was later in the early 1990s involved in the establishment of the Clivia Society, then the Clivia Club. He was fascinated by the different colours and forms of the flowers. His folks were keen gardeners, so Des gave them a few plants and seeds which were brought back to White River and planted in the garden.

Over the years they learnt when to pick the seeds, how to peel them, how to plant and care for them. From these they then obtained a lot of broad leafed clivias from Mike Sherr at

'Coromandel Nursery' near Lydenburg. They also bought a few yellows in the Cape on one of their holidays. His folks were keen collectors of plants and more than once, the trailer came home full of plants only to be followed by their luggage which had arrived by train several days later!

Greg moved to Rustenburg for 13 years, but in the back of his mind he had the idea that he had to do something with the clivias. In December 2004, he moved back to the lowveld. A few months later he noticed a number of clivias of various colours being sold outside a cafe in White River. He was curious and asked the owner, Attie le Roux, how much they were and who grew them. He was told by Attie that the Kloecks had grown them and that there was a healthy clivia interest group in Nelspruit, and that if I was interested, he should come along to the next meeting. He did. Unfortunately, his uncle Des Andersson had just immigrated to Bunbury in Western Australia, so he could not see his collection again. ▼

## CLIVIA GOGGAS

### WEEVIL WITH YELLOW BANDED LEGS

*Lena van der Merwe - Clivia Society*

In the Clivia Club newsletter, Volume 4 Number 2 page 7 Prof Dries Bester (AN) from Limpopo, RSA wrote: "The clivias in our area are attacked and destroyed by a 'snout weevil', a very hard brownish creature ( $\pm 20$ mm long) with yellow bands on its legs. When touched it feigns death. These weevils bore into the crown of the plant."

During my visit to St Lucia, KwaZulu-Natal in September 2011 I was informed about this weevil with yellow banded legs devouring clivia and crinums there and that they feign

dead, falling off the plant, if disturbed. Late afternoon, I found one munching away on a crinum and photographed it while eating. I saw three individuals in my friend's garden on her plants. According to my friend this weevil has not been named scientifically.

I did not disturb or remove the weevil from the Crinum. The next morning it had devoured the whole leaf of the Crinum leaving it leafless! (The "lily borers" having thereafter eaten the other leaves of the crinum).

[Anyone know if the culprit has a scientific name yet? Ed]. ▼



**CLIVIA CLUBS & INTEREST GROUPS****KIWICLIVIA 2012 5 – 8 OCTOBER 2012***Alick McLeman - New Zealand Clivia Club*

In 2008 the New Zealand Clivia Club hosted a very successful 'Clivia Tour' over 10 days taking in some beautiful parts of our North Island and visiting many growers here. This year it is planned to host a much shorter mini-tour over just 4 days which will be built around the Clivia Show in Tauranga, Bay of Plenty, on Sunday 7 October and will focus on clivia and visits to growers and clivia gardens in the Auckland through to Tauranga area on other days.

The tour will be organised and hosted by committee member Tony Barnes who is away overseas until the end of April. The tour will only be able to accommodate a limited number and at this stage we are inviting expressions of interest.

Some overseas visitors may wish to use the tour as the starting point of a more extended visit to the Land of the Long White Cloud.

Below is an outline of the tour prepared by Tony Barnes. The pricing mentioned is provisional at this stage but will give you a good idea of what to expect.

Here's again a great opportunity to visit some of New Zealand's leading clivia growers and breeders, meet other clivia lovers from around the world, and see some fantastic clivia! In the ten years since the NZ Clivia Club was formed there has been a great deal of hybridization done, as well as seed imported from overseas breeders, so that the variety and range of plants to be seen in the collections and gardens of NZCC members has increased hugely in its diversity.

KiwiClivia 2012 begins with an evening meal and get together at Alpers Lodge, Newmarket, Auckland on Friday 5 October. The next day the bus takes us to spend the morning at Dr Keith Hammett's property, where the extensive plantings of habitat collected material and

hybrids are fascinating and surely one of the best collections in the world.

Later in the day we will visit the delightful garden of Murray and Bev Gow which features mass clivia displays, and the notable and very diverse collection of Alick and Frances McLeman.

Sunday 7 Oct sees the group heading southeast to Paeroa, and the wonderful garden and clivia collection of Rex and Dee Williams, then on to the Tauranga Clivia Show, staying at the Geyslerland Hotel in Rotorua.

The return trip to Auckland on Monday includes two garden visits, and stops at the gardens of members Ian and Shirley Baldick, and Terry, Pam and Lindsay Hatch, with a farewell evening meal at Alpers Lodge again.

The cost of the tour is NZ\$595.00 per person for double/twin share or NZ\$835.00 p.p. single room. This cost includes 4 nights accommodation (Fri – Mon), cost of bus trip, 3 evening meals, 2 midday lunches, 4 breakfasts and visits to seven clivia growers.

The Auckland Clivia Show is the following weekend, Saturday 13 October, but anyone participating in the tour and wanting to stay on a few days could visit other clivia lovers in the top part of the North Island, such as Barry Ferguson at Mahurangi near Warkworth, David Olsen, at Greenhithe, David Brundell at Waiuku, or even venture south into the real lush garden country of Taranaki to visit Tony Barnes and other interesting gardens.

Kindly confirm your interest to Jocelyn Day [jocelyn.day@xtra.co.nz](mailto:jocelyn.day@xtra.co.nz), indicating the type of accommodation you would prefer. Jocelyn is preparing a list of interested persons on a first-come first-served basis. She will acknowledge your email and the club will get in touch with you to formally register for the tour in May/June this year. ▼

## CLIVIA CLUB SHOWS, DISPLAYS, AUCTIONS &amp; MARKETS FOR 2012

## CLIVIA CLUB SHOWS, DISPLAYS, AUCTIONS &amp; MARKETS for 2012

NAME OF CLUB	DATES FOR 2012	TIMES	VENUE	ENTRANCE FEES	CONTACT PERSON / S
Longwood Gardens – NACS	17 March 2012 Clivia Show	Saturday: 12:00 - 17:00	1001 Longwood Road Kennett Square, PA USA	Fee of Longwood Payable	Alan Petravich apetravich@longwoodgardens.org.
Huntington Gardens – NACS San Marino – California	24- 25 March 2012 9 <sup>th</sup> Annual Clivia Show & Plant Sales	Saturday: 10:30- 16:30 Sunday: 10:30- 16:30	The Huntington Library, Art Collections & Botanical Gardens, 1151 Oxford Rd. San Marino, A USA	\$20,00 Fee of Huntington Gardens Payable	Dick Storch ultimate@tmsinet.com
Northern Clivia Club – Pretoria	12 May 2012 Gardenia Display	Saturday: 10:00 - 13:00	S A Police Forensic Lapa Pretoria Road, Silverton	No Charge	Marlene T 082- 799- 4746
KwaZulu Natal Clivia Club Pietermaritzburg	26 May 2012 Gardenia Show	Saturday: 9:00 – 15:00	To be announced	R10,00 per person over 12 years old	John H 083- 680 1275 Angie S 083- 452 8451 Val T 072- 464 5212
Huntington Gardens – NACS San Marino – California	8 July 2012 Clivia Talk	Sunday: 10:30 - 16:30	The Huntington Library, Art Collections & Botanical Gardens, 1151 Oxford Rd. San Marino, A USA	\$20,00 Fee of Huntington Gardens Payable	Tom Wells ernestwells@mindspring.com
Lowveld Clivia Club – Nelspruit	21 July 2012 Interspecific Clivia Show	Saturday: 9:00 - 13:00	Lowveld Botanical Garden- Environ. Educ. Centre- on R40 road to White River	No Charge	Maria G 083 457 1176 Paul K 082 578 5289 Greg J 083- 702- 3452
Northern Clivia Club – Pretoria	28 July 2012 Interspecific Clivia Show	Saturday: 10:00 - 13:00	S A Police Forensic Lapa Pretoria Road, Silverton	No Charge	Marlene T 082- 799- 4746
KwaZulu Natal Clivia Club Pietermaritzburg	28 July 2012 Interspecific Clivia Show & Plant Sales	Saturday: 08:00 - 15:30	To be announced	R10,00 per person over 12 years old	Val T 072- 464 5212 031- 763 5736 083- 680 1275
Bosveld Clivia Int. Group Polokwane	1 September 2012 Clivia Show	Saturday: 08:30- 17:00	To be announced	R15,00 per person over 18 years	John H 083- 680 1275 Willem N 082- 876 8306 Madeleine N 082- 899 1287
Vryheid Clivia Int. Group Vryheid	8 September 2012 Clivia Show & Stalls	Saturday: 09:00- 17:00	New Republic School Church Street, Vryheid	No Charge	Jasper J 084- 050 4337
Northern Clivia Club – Pretoria	8 – 9 September 2012 Clivia Show, Market & Auction	Saturday: 08:00- 16:30 Sunday: 09:00 - 14:00	Anton van Wouw Primary School, Clo Dey & Lange Streets, New Muckleneuk	R15,00 per person over 12 years old	Christo T 082 497 5879
Lowveld Clivia Club – Nelspruit	8 – 9 September 2012 - Clivia Show & Market	Saturday: 09:00 - 17:00 Sunday: 09:00- 15:00	Lowveld Botanical Garden- Environ. Educ. Centre- on R40 road to White River	R10,00 per person over 12 years old	Maria G 083 457 1176 Paul K 082 578 5289 Greg J 083- 702 3452
Northern Free State Clivia Club – Welkom	8 – 9 September 2012 Clivia Show Market	Saturday: 08:00 - 16:00 Sunday: 09:00- 13:00	Technical College Welkom	R10,00 per person over 12 years	Hannes v R 083- 367 7113 057- 388 1562
Cape Clivia Club – Cape Town	8 - 9 September 2012 Clivia Display	Saturday: 9:00 – 17:00 Sunday:	Sanliam Hall, Kirstenbosch Botanical Garden, Neidands	Fee of Kirstenbosch	John W 082 575 7202 Ian B 021 689 3901

Free State Clivia Club – <b>Bloemfontein</b>	15 September 2012 Clivia Show, Stalls & Tea Garden	Saturday: 8.00 - 15.00	Sand du Plessis Secondary School, Cune Avenue, Bloemfontein.	R 10.00 per person: Children R5.00	Jan S Henrie vd M	083- 257 5151 051- 5229530 083- 511 9519
KwaZulu Natal Clivia Club <b>Pietermaritzburg</b>	15 -16 September 2012 Clivia Show, Market & Auction	Saturday: 09.00- 15.30 Sunday: 09.00-15.00	To be announced	R10.00 per person over 12 years old	Vai T	072- 464 5212 031- 763 5736 083- 660 1275
Johburg Clivia Club – <b>Johannesburg</b>	15 - 16 September 2012 Clivia Show and Sales	Saturday: 08.30- 17.00 Sunday: 08.30-16.00	Garden World Nursery, M5 Beyers Naude Drive, Muddersdrift	R10.00 per person over 12 years old	John H Braam Glynn M Glynn Even	011- 475 2586 082 650 1463 011- 476- 1463
KZN Clivia Club Highway Interest Group <b>Kloof</b>	22 September 2012 Clivia Show & Plant Sales	Saturday: 08.00- 15.00	Kloof Town Hall Old Main Road Kloof	R 10.00 per person over 12 years old	Mike C Vai T	083- 651 0937 031- 763 5736 072- 464 5212
Cape Clivia Club – <b>Cape Town</b>	22 – 23 September 2012 Clivia Show, Auction & Market	Daily 09.00- 17.00	Bellville Civic Centre, Voortrekker Road, Bellville	R 15.00 per person over 12 years old	Joy W Clayton J	021- 671 7384 063- 267 7206
Eastern Province Clivia Club – <b>Port Elizabeth</b>	22 – 23 September 2012 Clivia Show, Stalls, Auction & Tea Garden	Saturday: 09.00 - 17.00 Sunday: 09.00 - 14.00	Sherwood Garden Centre, Walker Drive, Sherwood, Port Elizabeth	R 5.00 per person over 12 years old	Gideon B André F	079 490 0550 083 386 6803
Border Clivia Interest Group - <b>East – London</b>	22 – 24 September 2012 – Show Auction & Clivia Market	Saturday: 09.00- 16.00 Sunday: 09.00 - 12.30 Monday: 09.00- 14.00	Pioneer Nursery, Gonubi	No Charge	Glenn M Peter M	071 421 7812 083 463 6229
Overberg Clivia Interest Group – <b>Hermanus</b>	28 -29 September 2012 Clivia Show	Friday : 09.00 - 17.00 Saturday: 09.00- 17.00	Round Hall, Dutch Reformed Church, Hermanus, Central, - Opposite Absa Bank.	R 10.00 per person over 12 years old	Felicity W Felicity W	078 710- 9485 028 316 3052
Cape Clivia Club – <b>Cape Town</b>	29 – 30 September 2012 Clivia Display	Daily: 09.00 - 17.00	Sanlam Hall, Kirstenbosch Botanical Garden, Newlands, Cape Town	Fee of Kirstenbosch	John W Ian B	082 575 7202 021 689 3901
Garden Route Clivia Club – <b>George</b>	29 – 30 September 2012 Clivia Show	Saturday: 09.00- 17.00 Sunday: 09.00- 13.00	Ourleniqua Primary School, C/o Cradock & Cathedral St, George	R 10.00 per person School pupils free	Ma Esterh	072 613 6066
New Zealand Clivia Club Tauranga	7 October 2012 Clivia Show & Stalls	Sunday: 13.00-16.00	Plant Snuck Nursery, Te Puna Road, Te Puna	No Charge	Jude Shapland	07- 5520661
New Zealand Clivia Club <b>Auckland</b>	13 October 2012 Show & Stalls	Saturday: 09.00 - 16.00	Auckland Hort Centre, 990 Great North Road Western Springs	Gold Coin	Alick McLeenan	09- 5213062

**CLIVI-ARTA HELEN SANDERS**





CLIVIA SOCIETY PUBLICATIONS	Int.	USA	Aus.	NZ	UK	RSA
1. Pay per credit card to Clivia Society RSA Treasurer : Please see below.	1					
2. Pay William McClelland in U S A : william_g_mcclelland@yahoo.com		2				
3. Pay to Ken Smith in Australia : cliviasmith@idx.com.au			3			
4. Pay to Alick McLeman in New Zealand : clivia@xtra.co.nz				4		
1. Pay per credit card to Clivia Society RSA Treasurer : Please see below.					1	
6. Pay to RSA Club Treasurer :Please see inside backpage.						6
Society membership-2012	R 220.00	US \$ 28,50	AU \$35,00	NZ \$ 36,00	£ 17,50	R 120.00
Membership fees for Students & Scholars	R 110.00	US \$ 14,25	AU \$ 17,50	NZ \$ 18,00	£ 8,75	R 60.00
Honorary Life Members	Nil	Nil	Nil	Nil	Nil	Nil
<b>2012 Publication Prices</b>	<b>Int.</b>	<b>USA</b>	<b>Aus.</b>	<b>NZ</b>	<b>UK</b>	<b>RSA</b>
Yearbook 1 (re print) 2 ,3,4,5 (re print)6,7,8,9,10,11 or 12 - Postage included - each	R 77.00	\$ 15,00	\$ 22,00	\$ 23,00	£10,00	R 70.00
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Cultivation of Clivia - Postage included	R 88.00	\$ 11,00	\$ 12,00	\$ 14,50	£ 8,00	R 80.00
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Kweek van Clivia - Posgeld ingesluit	R 88.00	\$ 11,00	\$ 12,00	\$ 14,50	£ 8,00	R 80.00
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Clivia Colour Chart II - Postage included	R 275.00	\$37,50	\$42,50	\$53,00	£24,50	R 275.00
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The Cultivar Checklist of 2009 may be ordered from Ken Smith in Australia:cliviasmith@idx.com.au						
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# The Clivia Society: Management details

[www.cliviasociety.org](http://www.cliviasociety.org)

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## CLIVIA CLUBS

Cape, Eastern Province, Free State, Garden Route, Joburg, KwaZulu-Natal, Lowveld,  
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## INTEREST GROUPS

Border, Bosveld, NKZ-N (Newcastle), Overberg, Highway (Durban area and Vryheid)

