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Clivia News



Clivia News**NPO no. - 139-860 I SARS PBO Tax Exemption no. 930036393****THE CLIVIA SOCIETY MANAGEMENT**Website: www.cliviasociety.comInformation: infocliviasociety@gmail.com

POSTAL ADDRESS: P O BOX 1383, Roosevelt Park, 2129 Johannesburg

MANAGEMENT COMMITTEE: 2022/2023

Chairman	Dave Garriock: Mobile: +82-799-5206, e-mail: David.garriock@akznobel.co.za
Vice-Chairman	Joubert van Wyk: Mobile: +27 83 307 7707, e-mail: myclivia@iafrica.com
Secretary	Joy Woodward: Mobile: +27 72-487-7933 or 021-671-7384; e-mail: capeclivia@ibox.co.za
Treasurer	Clayton Jonkers: Mobile: +27 83-267-7206; email: clayton.jonkers@crowehorwarth.co.za
Extra member/ Judging Chair	Hennie van der Mescht: Mobile: +27-79-493-1719; e-mail: hvdmescht@vodamail.co.za
Publications	Glynn Middlewick: Mobile: +27 82-650-1463; e-mail: gcmidd@mweb.co.za

INTERNATIONAL CONTACT PERSONS

Australia	Lisa Fox: Tel. +61 417 087 667; e-mail: lisa.fox@gmail.com
New Zealand Clivia Club	Alick Mc Leman clivia@xtra.co.nz
United Kingdom	Steve Hickman: Riseholme, 54 Greenside Lane, Hoyland Nursery, Barnsley, South Yorkshire, S 74 9P Z, United Kingdom Tel: 044 0771 718 2169; e-mail: stevenhickman@btconnect.com
Europe	Aart van Voorst: Tel: +031 25 252 9679; Frederik Hendriklaan 49, HillegomTE 2181, Netherlands; e-mail: a.vanvoorst@snelnet.net
USA	David Loysen, 208 Shaw Hill Road, Stowe, Vermont, VT 05672, USA Tel. +1 802 253 2528; e-mail: shawhill208@gmail.com

PORTFOLIOS

Public Relations Officer	Carrie Kruger: Mobile: +83-343-1288, e-mail: utopiaclivias@gmail.com
Judging Standards	Hennie van der Mescht: +83-511-9519, email: hvdmescht@vodamail.co.za
Registrar of Clivia names	Lisa Fox: Tel. +61 417 087 667; e-mail: lisa.fox@gmail.com
Research	Felix Middleton: Mobile: +27 84 701 9915; e-mail: felix.middleton6352@gmail.com
Website Administrator	Lisa Fox: Tel. +61 417 087 667; e-mail: lisa.fox@gmail.com

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From the Editor

On behalf of the Clivia Society, I would like to wish all our members a Happy New Year and wish you well with your clivia growing and flowering for 2023.

I am pleased to offer adverts of several growers in this edition. Please support these growers when looking for new seeds or plants.

I hope you have all received a copy of the 2022 Yearbook by now. Apologies to Bernard Slippers for his article that was unfortunately incomplete. A copy of the complete article was sent to all members. The upside is that Bernard is now prepared to help with the editing of the publications. The Clubs and Groups will soon be holding their Annual General Meetings and new committees will be chosen. Please update the Society with any new contact details.

Any articles that you may wish to submit are welcome. Fortunately, most members prefer photographs to articles, which are easier to obtain. I am aware of renewed interest, by members, of the Johan Spies publication on 'Basic Genetics for Clivia Breeders'. Carlene has organised the reprinting of this publication. Many members want to know more about the subject of 'genetics' and clivia growing. As we know, most of the inheritance is determined by more than a single gene. A full understanding of genetics is not that easy to understand, however the book may introduce members to the study and interest in genetics.

The 'Virtual Clivia Show' will once again be held by the Clivia Society. The entries are open from the beginning of February until October the 13th. The icon to be included in your photograph is an exclamation mark. (!) The icon should not be edited into the images after the photograph has been taken. Details of the requirements and classes available for entry are included in this publication.

The other competition that the Society holds is the 'Photographic competition'. This competition is also open from the 1st February 2023 until the 13th of October 2023. The quality of the photograph submitted is the most important factor, not necessarily the image itself. An attractive image will naturally enhance the appearance of the photo submitted.

Participation into both the 'Virtual Show' and the Photographic competition by members is encouraged and so provides a wide variety of images for other members to enjoy. 🌺

Glynn Middlewick



FRONT COVER: Image of lan Coates from the UK



BACK COVER: Image of the winning floral entry at the Joburg Clivia Club Show – Corra van Heerden

Clivia Society Conference 2023 update

Andre Swart and Dave Garriock

The planning for the 2023 Clivia Society Conference is picking up momentum. The following dates have been set aside:

27th – 29th Sept is the 'Wild Flower' Tour of the Western Cape, led by the well-known Mike Spies, an expert on the 'West Coast' and 'Knersvlakte' area. His network of contacts will ensure the finding of spring flowers and succulents. Namaqualand Daisies may still be blooming in pockets nearer the coast, especially with the cool sea mists. The blooming of these plants is very

much weather-dependent and so unpredictable. This tour leaves from Cape Town in a comfortable, air-conditioned (4x4) tour bus, offers lodge accommodation and meals in Namaqualand. A registered tour guide will be present. The bus returns to Cape Town in time for attending the Gala Opening of the International Clivia Conference on Friday evening, 29 September 2023. A competitive package price has been negotiated, subject to a minimum tour party size of 10, and a maximum of 40. Vehicles will match the tour size.

The graphic features a stylized illustration of a Clivia flower with multiple orange and red bell-shaped blooms hanging from a green stem. The background is a light blue sky with white clouds. The text 'Cape Town SOUTH AFRICA' is written in a blue script font. Below this, the word 'Clivia' is written in a large, red, cursive font, followed by 'INTERNATIONAL CONFERENCE' in a blue, sans-serif font. At the bottom, the dates '2 - 4 OCTOBER 2023' are written in orange, followed by the email address 'infocliviasociety@gmail.com' in blue. The Clivia Society logo is written vertically on the left side.

André Swart has managed to secure Milnerton High School's facilities as a Conference and Show Venue. The premises offer a theatre, conference venue and spacious hall, secure parking, and fortunately lots of accommodation in B & Bs and hotels in the area. The view of Table Mountain from the Conference Centre is impressive!

The Gala Opening of the Conference and Cape Clivia Show will take place on Friday evening the 29th September 2023, with a 'virtual' keynote address by Dr. John Rourke, who described and named *Clivia mirabilis* and will treat delegates to some illustrated legacy memories surrounding the discovery of this miraculous plant. The keynote address and opening will be followed by a finger supper. There will be the unveiling of an amazing clivia-derived product as a foretaste of the Clivia Myth-Busting Programme to populate the Conference.

30th Sept – 1st October: The annual Cape Clivia Club Show takes place at the same venue, and delegates will also have the opportunity to visit growers and massed displays of Clivias in the region over the weekend. Other places of interest to visit are: Kirstenbosch Botanical Gardens, the Table Mountain aerial cableway, The Waterfront, Robben Island, Cape Point Nature Reserve, West Coast National Park (with spring flowers), 'Babylonstoren' and the 'Stellenbosch Wine Route'.

2nd – 4th October: The Conference takes place. A few of the topics to be discussed within the theme of "Clivia Myth Busters" include insights into the merits of *C. mirabilis* Interspecifics (especially bred to F2), the undeserved blame heaped on 'wet feet' as a killer of Clivias, the continuing value of habitat and legacy Clivias in breeding programs, unmasking deceptive photographic practices in marketing Clivias or entering them

in virtual shows, the future of the Clivia Clubs and Societies in networking, advocacy, regulation and guardianship, and venturing into previously unimagined Clivia-derived products. Other topics are still to be revealed. Provision will be made for Q & A after each session. Teas and lunch will be served in a setting with a world class view. On Wednesday morning the 4th October the Conference will close at midday following a visit to Kirstenbosch Gardens with an informative panel discussion including Graham Duncan and other breeders focused on the mysteries of Breeding with Yellow Clivias and there will be a display of some interesting plants.

For those participating in the *Clivia mirabilis* habitat excursion (this will be limited to a maximum of 24 participants for environmental and privacy reasons and strictly by invitation to a private farm), the afternoon of Wednesday, 4th October 2023, will be spent travelling the 300 km to Van Rhynsdorp by own transport to the staging point. Do not proceed without confirming both your invitation and the suitability of your intended transport. Thursday 5th October will be devoted to guided access within the habitat and a memorable farm lunch, with everyone returning to Cape Town on the morning of Friday 6th October. An accommodation package deal has been negotiated with a lodge in Vanrhynsdorp and particulars will follow.

There is also a possibility of a Display / Show in Cape Town for the weekend of 7th – 8th October where you will see Clivia flowers that bloom later in the season. Further details, as they become available, will be found on the website of the Clivia Society: www.cliviasociety.com

Further Enquiries may be made to e-mail: infocliviasociety@gmail.com 🌸

The Clivia Society Virtual Show 2023

Entries may be submitted from the 1st of February 2023 until the 13th of October 2023.

(No entry fees are required.)

All members of the Clivia Society are welcome to enter images into the 'Society Virtual interspecific and miniata Shows'. Entries that have been submitted elsewhere are welcome to be entered into these shows, with the required symbol and

class number.

** The symbol that must be included with each photograph is an '!' symbol - Not edited into the photograph afterwards!

** Entries should only be submitted to Karel from the 1st of July until the 14th of October 2023

** Entries should be submitted to Karel Stanz at 082-559-6672. E-mail address is karel.stanz@up.ac.za

'Virtual Show' – C. *miniata* Class List:

Class	Class Description
1	Red
2	Orange
3	Yellow
4	Pink
5	Apricot, Salmon
6	Peach
7	Green
8	Orange with Green Throat
9	Bronze/ Brick with Green Throat
10	Yellow with Green Throat
11	Pink with Green Throat
12	Salmon, Apricot with Green Throat
13	Peach with Green Throat
14	Appleblossom-like/ Blush
15	Ghost/ Water Colour
16	Bi-Colour and Picotee
17	Splash
18	Versi-colour
19	Multitepal 100 percent – With or Without Green Throat, 7 Tepals or more

Pendulous Species – Classes for Clivia Society 'Virtual Show'

In this group it is acceptable to have the tips of the flowers to be of a different colour from the main flower colour.

100	Red
101	Orange
102	Yellow
103	Pink
104	Apricot/ Salmon
105	Peach
106	Green
107	Bronze

Interspecific Classes for Clivia Society 'Virtual Show'

There are two large groups in the interspecific flower class entries:

- A) Non-recurred – an insignificant flare at the tip of the flower does not exclude a flower from this group.
- B) Recurred – the flares at the tips of the flowers are obvious and significant.
- A) Non-recurred flower entry for the Interspecific Classes of Clivia Society 'Virtual Show'

120	Red
121	Orange
122	Yellow
123	Pink
124	Apricot, Salmon
125	Peach
126	Green
127	Versicolour
128	Bronze
129	Multicolour
130	Multitepal – 100 percent multitepal

B) Recurred flower entries for the Interspecific Classes of Clivia Society 'Virtual Show'

*** THE UMBEL WILL BE ASSESSED BY THE JUDGES. UMBELS THAT LOOK AS THOUGH THEY ARE MINIATA BLOOMS WILL NOT BE ALLOWED TO QUALIFY IN THIS SECTION.

140	Red
141	Orange
142	Yellow
143	Pink
144	Apricot/Salmon
145	Peach
146	Green
147	Versicolour
148	Bronze
149	Multicolour
150	Multitepal – 100 percent multitepal

To ensure that the image is a photo taken within the required date line, a symbol will be required to be included with the class entry number on an identification tag in your photograph. The tag should be neat and small. The class and the symbol must be legible.

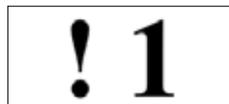
Umbel photo layout suggestions:

The 'Virtual Show' is a photographic show, entries are judged by the images submitted.

The entry should present the best side of the umbel to the camera. Use good lighting conditions and a uniform background. The leaves are not assessed. The pot is not seen. Make the size of the photograph at least 450Kb. Maximum size is 2MB.

Example of an entry Tag:

Dimensions 4 by 2 cms



The Symbol and class must be included on the tag.

- One tag per photograph. The tag should be positioned at the bottom left-hand corner of the photo.
- No colour manipulation is allowed.
- You may crop your photograph.
- Ideally your picture should be taken in natural light away from direct sunlight – not under coloured shade net – such as green or blue.
- Please consider the background of the photo, make it uniform – give your umbel photograph the best chance to win!
- The absence of an identification class and the 'secret' symbol will disqualify your entry from the 'Virtual miniata and interspecific Show'.

The number of entries per class is limited to two.

This limitation of the number submitted, implies that before you submit your photos for a specific class, make sure that the best two images in a class are selected prior to submission. Early submission will still limit you to a total of two entries per class. No photo may be cancelled or withdrawn once it has been entered into the 'Virtual Show'.

Submit:

WhatsApp number is 082-559-6672 e-mail address is karel.stanz@up.ac.za

Add your name to the WhatsApp message.

No entry number or code for participants is necessary and each entry will be allocated a random number which will grant anonymity for the entry.

On the 13th of October all the entered images will be submitted to various judges for a final decision. The interspecific show will be assessed first and then the miniata show. The allocation of judges for the various classes will be decided by the Judging Committee. Once the results are available, they will be circulated on Facebook and on the Clivia Society web page.

The time taken for the completion of the judging by the judges will depend on the number of entries and the physical limitations. Please be patient for the results. Once the photographic images have been submitted, the images will be loaded on to the Gallery of the Society website page. (www.cliviasociety.com)

To ensure a successful 'Virtual Show', the more participants that submit entries, the better the show! 🌸

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Clivia plants & seeds

George Mann

082 414 4291

gjmann2@gmail.com



PERSONALITY PROFILES

We are privileged to have the profiles of two people for this edition of the Clivia News. The first is Lisa Fox of Australia. Lisa is the administrator of the Clivia Society Website, Registrar of the Clivia Register and the 'President' of the Melbourne Clivia Society. The second profile is that of Willie le Roux. Willie is well-known in South Africa. He was a founder member of the Eastern Province Clivia Club, as well as Chairman on more than one occasion.

Personality Profile – Lisa Fox

I glimpsed my first Clivia in 2005 in my mother's garden. By today's standards it was an ordinary orange, but in my eyes, it was the most beautiful thing I had ever seen. I wanted one but had no idea where to obtain one from, so I turned to ebay and found a seller. I knew nothing about Clivia and apparently the seller knew nothing about Clivia either. They cut off the leaves and roots before sending it to me in the mail. When I pulled it out of the tiny box, it looked like a stick of celery. I planted my stick of celery in the ground and it did flower a few months later with bell shaped flowers. After much research, I realised that not only was my stick of celery a *Cyrtanthiflora* type, but Clivia also came in different colours and species. That was it – I wanted one of everything.

I should also explain that not only did I know anything about Clivia at this time, but I knew nothing about plants in general. I could have killed an artificial plant and possibly was guilty of watering them. I bought a pack of mixed Clivia seeds on ebay, reportedly bred by Nakamura. With no idea what to do with the seeds, I dug a big hole in the ground and 'buried' them! A few years later I saw these seedlings in that position where I had buried the seed. I dug up the seedlings and they had a long white stem from the seedlings trying to find the light. I planted them and they survived and adjusted. What amazing plants to have survived me.

My parents had always had beautiful cottage type gardens wherever they lived, and my mother is still a keen gardener in her late 80's. My interest



Lisa Fox appearing very academic in this picture!

in plants probably started around the time I began owning my own house and wanted a beautiful garden like the ones I had grown up in.

Career-wise, I studied at university as an adult and obtained qualifications in information technology, adult education and a Master of Business Administration majoring in Internet Marketing. I worked as a computer programmer for a few years before taking on Head of the Business Computing section of a university/TAFE/senior secondary college, and taught programming. I left to work in

the corporate world heading the Web team for Australia's largest sports betting company (at the time), an ASX Top 100 listed company (AWB/Landmark) and finally, the Web Manager of the State Library of Victoria.

Over the next ten years I bought every publication I could find on Clivia, bought plants as I could afford them, joined the Clivia Society and an obsession was born. It was difficult during that time as I worked in the Melbourne CBD and left in the dark each morning and arrived home in the dark each night. I only had the weekends to indulge in my new passion.

I was a foundation member of the Melbourne Clivia Group and have held various positions since that time including President. I have visited growers all over Australia, attended a number of shows at Toowoomba, Sydney and Melbourne, and visited growers in China, Japan and South Africa. Attending the Clivia Conference in South Africa in 2018 was a highlight, as was importing a number of plants from Japan from 2014 - 2017.



One of Lisa Fox's recent hybrids flowering.



Impressive, brand new shadehouses of Lisa Fox in Kundle Kundle – New South Wales.

My Clivia hobby became a bit out of control according to my husband, so when health issues forced me to leave work, I was able to use my skills in internet marketing to develop a website and sell plants online. The objective of the small business was always simply for the plants to pay for themselves. I have also kept busy with creating and maintaining the website for the Melbourne Clivia Group and more recently, working on the Clivia Society website and Clivia Register.

Early in 2022 my husband and I retired to the mid-north coast in New South Wales where the weather is warmer. Transporting thousands of

plants over 1,100 kilometres (12 hour drive) in the middle of summer is a challenge. We have built a few new shadehouses and I continue to sell plants online but in a smaller capacity.

I love all types and colours of Clivia but have a few select lines I focus on. I have a group of very beautiful, huge, recurved oranges and creams and aim to grow a flower large enough to fit on your head like a hat. I also have a lovely group of Hattori plants that I am crossing with Australian bred plants, with the intention of breeding more compact, semi-broad leaf plants with beautiful flowers, particularly bi-colours. My ideal would be to have a plant in flower every day of the year. 🌺

Personality Profile – Willie le Roux

I was born on a farm near the town of Vrede in the Orange Free State, South Africa. My parents later retired to a smallholding near Graaff Reinet. As a nature lover I spent many of my school holidays on family farms studying veld plants, birdlife and assisted with farm activities.

After school I started a career at the Engineering Section of the Department of Posts and Telecommunication, now known as Telkom in Port Elizabeth. I soon became involved with the Staff Association and served as a Committee Member. I started a Telkom Table Tennis Club and served with the Eastern Province Table Tennis Union as a committee member and later as a selection convener. I arranged the very first Telkom Staff Dance, served as an organiser of the Telkom 'Meerkat' hiking club and was involved with the Posts and Telkom Pensioner's club.

I married Cynthia Gair and we raised two daughters Ronel and Zelda. We were very fond of dancing and attended all the major dances in Port Elizabeth. In 1979, I became a member of the Eastern Province Orchid Society and grew orchids for 25 years. After my retirement in 1993 we visited some of the East Asian countries.



Willie with his late wife Cynthia with a poster developed for them in appreciation for their services to the Eastern Province Clivia Club.

In early 2000 Charl Coetzee, then chairman of the recently formed Eastern Province Clivia Interest group, gave me a yellow flowering Clivia plant. I joined the group in April 2000 and was co-opted to the committee in May 2000. In September 2000, I assisted the late Fred Gibello in organising the first Clivia show in Port Elizabeth which turned out to be a great success.

In 2001 I was appointed Show Chairman and in



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'Werns Pink' of Willie le Roux



Willie's 'Camerary'



Willie's 'Declan Pink Cross'



An example of the Interspecifics produced
– Willie le Roux

2002 elected as Chairman of the group. As a goal to increase our membership, I contacted all past and present members of the Cape Clivia Club that lived in the Eastern Province and asked whether they would be interested in joining our new group. We quickly increased our membership to 80 strong. As the group was low on operating funds, I delivered all Clivia News copies, Yearbooks and Notices of meetings by hand in Port Elizabeth. I was later on assisted by a committee member and thereafter by my wife Cynthia.

Although I was not an experienced Clivia grower, I tapped into the expertise of well-known growers like Fred Gibello, Welland Cowley, Charl Coetzee, Charl Malan, Gert Wiese, Bing Wiese, Mick Dower, John v/d Linde, John Winter, Ian Brown and many more and studied all the literature which I could lay my hands on. We were awarded full Club status in April 2002 and I started a fundraising campaign with the help of an ex colleague and Clivia grower Quentin Jansen in Cape Town. I managed to obtain donations in the form of Clivia seeds, seedlings and adult plants from Mick Dower, Gert Wiese, Gerrit van Wyk, Riël Lotter, John Winter, John v/d Linde and Johan Botha. These items as well as bottles of wine with specially designed labels with Clivia flowers, were sold, resulting in a healthy increase to the Club finances.

The next objective was to increase our membership base. I started giving talks on Pollination, Germination and Cultivation of the Clivia Plant at shows in Port Elizabeth, George and East London as well as Garden Clubs, Retirement Villages, schools and as far afield as Graaff Reinet, Port Alfred and Kirkwood. I was mentor to 10 students ranging between the age of 8 and 16 years, some adults and wrote numerous articles for the Clivia News, local newspapers as well as a regular EP Clivia Club Circular. With the help of Cynthia and Ronel we created our Club emblem, Show Certificates, Welcoming Letters, Get well / Sympathy Cards, Club Shirts and caps.

Cynthia assisted me during my terms as Chairman and served as Secretary and Assistant Secretary for quite a few years. I stood down as Chairman in 2006 and left the Club with a healthy 254 members. Our Club awarded Cynthia and I with a beautiful plaque for services rendered. I served as Chairman on three more occasions.

Awards that I received include:

- 1993 Honorary Life Membership of the Telkom Sports Association
- 2006 Clivia Society's Award of Merit in recognition of contribution to the advancement of Clivia
- 2012 Ten Year Certificate of Appreciation from the EP Clivia Club
- 2013 Honorary Life Membership of the EP Clivia Club
- 2016 Honorary Life Membership of the Clivia Society
- 2019 Honorary Life Membership of the Post and Telecom Pensioners Club

2022 Twenty Years Certificate of Appreciation from the EP Clivia Club

Some of my Clivia hybrids that am particularly proud of are:

1. Exceptional Interspecific hybrids by crossing Victorian Peach with Gems Golden Renaissance
2. Willie's 'Camerary' a cross between Cameron Peach and Tipperary Peach
3. 'Declan' offspring crossed with another 'Declan offspring.
4. 'Wern's Special' crossed with 'Wern's special'
5. ('TKO Hirao' crossed with 'Hotties



One of Willie's successful Hirao crosses.



Another example of Willie le Roux interspecific crosses.

Hirao) then crossed with Piet Theron's Hirao
These days I am still involved at the EP Clivia Club, served as a representative for pensioners, acting as a representative for the Port Elizabeth 'Place of Hope' care facility for disadvantaged person, still involved in some of our church activities and of course enjoying my Clivia collection.

I wish to give praise to my Heavenly Father for giving me the ability and health to do what I did and for that I am still doing. 🌸



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The ABC of Pesticides

Glynn Middlewick

This article is not meant to be a comprehensive discussion about pesticides, but an attempt to provide some easy to understand answers with regards to the use of pesticides on your clivia.

The usage of pesticides may be straight forward if you accept a single person's recommendation, or complicated if you ask two people for further information.

If you are interested in some of the background of pesticides in an easily read format? Please read on.

We should accept that pest infections are inevitable. Pests become a problem when there is not enough natural control of the problems we encounter. Our use of pesticides disturbs the natural balance and as a result we have a pest problem.

Before we start using pesticides, start with some practical, obvious chores that will help limit the pests.

Natural Ways to Eliminate Garden Insect Pests

- 1 Start with 'Clean' Soil – free of weeds, insect eggs, viruses etc. Good soil can actually deter garden insect pests.
- 2 Make sure the seeds you plant are pest or disease free.
- 3 Prevent overcrowding of plants by selectively and aggressively thinning out your plants.
- 4 Water your plants in the early morning
- 5 Keep your soil weed-free
- 6 Keep the garden clean, free from diseased or dead plant material
- 7 Use insect traps if necessary, for ants or moths.
- 8 If possible, beneficial insects may be added to your garden to help control your pests. Examples are ladybirds and lacewings.
- 9 Practice crop rotation. Monoculture promotes the development of pest problems.
- 10 Pinch off dead and diseased leaves.

The control of unwanted pests

When we have a problem with pests, which include weeds, insects, fungi and snails, we use pesticides

Unfortunately, there is no single pesticide available, that is effective against all pests. Some pesticides are no longer effective against the pests originally targeted because of resistance developed by the pest.

The term 'Insecticides' are 'pesticides' used to kill insects. These would include aphids, larvae of leaf miner, amaryllis caterpillars. The USA lists more than 17000 pesticide products available.

The term 'Plant diseases' is often used to refer to pests such as a fungi, viruses and bacteria.

To simplify matters, we shall describe management of all pests by the use of 'pesticides'.

Pesticides are chemicals developed to repel, control or kill pests.

The common pests on clivia are the amaryllis caterpillar, leaf miner, snails, mealie bug and fungi. Bacterial rot and viruses are other pests that occur less frequently.

The ideal pesticide would be 'target specific' and not kill useful pests.

Once you have decided on your pesticide – read the label and use the correct dosage in the correct manner and frequency as prescribed. This is the only way in which the control of your pests is successfully achieved.

Once the garden conditions are ideal, no overcrowding of plants present, good aeration between plants and pests are still a problem, we then resort to pesticides. Control of pests is broadly divided into the use of organic or inorganic compounds. Inorganic products have been used for years, but the use of organic products is gaining popularity amongst homeowners.

Organic Control

The products used for organic control include:

- 1 Natural/Mineral Oil eg Neem and Oleum
Ideal for slow moving pests. Takes a while to work. Must be re-applied according to the instructions included. Good for scale and mealie bugs. Used as a spray. Neem oil is effective treatment for aphids, mealybugs, whiteflies, thrips, fungus gnats and nematodes. Fungal pests such as powdery mildew, black spot and anthracnose are also killed.
- 2 Soaps
Must be applied directly to pests – weakens the outer shell of the pests. Used as a spray. For mealie bugs, aphids and scale insects
- 3 Diatomaceous earth
Easy to apply, should be dry when applied. Tends to blow away in the wind. Broad band

for pest control. Suitable for ground dwelling pests such as beetles and snails.

- 4 Bacteria such as *Bacillus thuringiensis* or actinomycetes derivatives like 'Spinosad'. Spinosad is a well-researched product with a broad spectrum of effectiveness. Unfortunately, it does kill bees and butterflies and other harmless pests. Useful for the control of larvae and most other pests.
- 5 Pyrethrum – extracted from *Chrysanthemums*. Unfortunately degraded by the sun. The pyrethroids were developed from this product..

Inorganic Control.

There are several different inorganic 'pesticides' available and many have the same or very similar active ingredients in them. The names of the active ingredients are new or foreign words to most people and are difficult to remember – write them down if this a problem. It is worth your while to learn the name of the active ingredient of a product, should you want to purchase it at a nursery. For the control of pests on clivia, a small range of products is all that is necessary to control most pests.

There are many groups of pesticides. Here we will only consider the most suitable pesticides for clivia growers.

The first group of pesticides we will consider are the 'neonicotinoids'. These products are the most commonly used pesticides in the world and have 25 percent of the market share

The neonicotinoids include products most clivia growers use. The two main neonicotinoids are imidacloprid and acetamiprid.

Examples of imidacloprid are 'Confidor', Bandit.

Acetamiprid is the only neonicotinoid allowed outdoors in the European Union. This product is considered to be less toxic to bees.

Acetamiprid is found as single pesticide or in combination with other pesticides.

The neonicotinoids are systemic in action and maybe applied as a drench or as a foliar spray. These pesticides have a long duration of action and some growers limit the usage to twice a year. Any outbreak of pest infestation would require you to add another treatment with your pesticide. Most active pests are present in the warmer months of the year. These systemic products have to be absorbed, either by the roots or through the leaves, then taken up by pests before they begin to kill the

pests. These products thus take a while to begin to work.

The inclusion of a contact pesticide with your systemic pesticide is a more effective and an immediate way of controlling your pests.

A good example of a contact pesticide is the Pyrethroid pesticides. These are derived from the organic product pyrethrum – from *Chrysanthemums*.

There are several suitable pyrethroid products and include: cypermethrin, bifenthrin and deltamethrin.

As it is a contact insecticide, the use a wetter/sticker is advisable, as rain will wash the pesticide off the leaves. The advantage of a contact pesticide is that the action is immediate.

There are many other pesticides available, but as the amaryllis caterpillar is the most destructive of the clivia pests, the use of the pyrethroid/nicotinoid combination is the most useful to control these aggressive pests. The moth of the lily borer lays her eggs on the underside of the clivia leaves at night. A complete cover spray is required when a contact pesticide is used – both surfaces of the leaves must be covered. Include a systemic pesticide with your contact pesticide for long term effectiveness.

Mixing of different pesticides: The ideal method of using pesticides is not to mix different pesticides. General advice given for the mixing of different pesticides is that if they are both liquids, they should be OK to mix. If not sure, mix a small quantity and see if there is any precipitation present or cloudiness of the mixture.

Of the other pests affecting clivias, the main problem is the fungi. The presence of viral infestations, evident from the mosaic markings or white marking on the leaves, should prompt you to isolated or dispose of these plants as they may transmit the virus. There is no cure for viral infections available. The problem with the leaf marking is to find out if there is a virus infection present. Feeding with a suitable fertiliser may improve non-virus markings on the leaves.

Bacterial rot, caused by *Erwinia carotovora*, has a pungent smell present in the destroyed stem of the plant and is sometimes a problem. These bacteria are often opportunistic and enter the plants if there is some stem damage present. Scraping the rotten mess from the stem and drying out the lesion, followed by treatment with hypochlorite or potassium permanganate is

an option. Some of the clivias form new offsets from the base of the plants after removing this rot. Bactericides are not freely available for the home market.

There are several fungicides available. Their mode of action may be by contact, translaminar or systemic.

Fungicidal effect on the fungal spores act in a variety of ways, but most of them damage fungal cell membranes or interfere with energy production within fungal cells.

While contact fungicide kill or eliminate the activities of pathogens on the leaves, systemic fungicides have an advantage in that they may prevent some fungal infections. The action of the systemic pesticides will take longer to be effective as they must first be absorbed by the roots or leaves to become active.

Which is the best systemic fungicide?

'Triazole' fungicides are the most widely used fungicide class in the world. These 'systemic' fungicides move up and down the plant. Triazole fungicides (eg Folicur,) inhibit an enzyme that plays a role in fungi sterol production.

A caution here is that when the systemic

pesticides are used when the flower is forming, abnormalities of the blooms may be found.

A 'translaminar' fungicide works both by contact with the fungal spore and it also penetrates the leaves on which it is sprayed. An example of this is 'prochloraz'.

A 'contact' fungicide, like chlorothalonil, is also often used on the raw surface of a cut site when dividing clivia. These fungicides are effective if the fungal spores are sensitive to them.

'Chlorothalonil' is the third largest fungicide produced world-wide, after sulfur and copper formulations. It is a widely used, broad spectrum, 'non-systemic' fungicide.

To summarise: – learn more about the product you chose to use as your pesticide. Remember the name of the active ingredient involved, which will help you when buying products. Most nurseries restrict their sales to small volumes, for safety reasons. Larger, less expensive quantities may be purchased from Co-ops or representatives.

Lastly – keep your pesticides in a safe place!

Consider organic pesticides – for effective control follow the instructions! 🌸

CORA'S CLIVIAS

-  +27 82 820 3394
-  cora@wildeklawer.com
-  corascivias.com
-  @corascivias
-  www.facebook.com/corascivias
-  Wildeklawer Farm
Barkly West
South Africa

THE SOUTHERN HEMISPHERE CLIVIA SHOWS IN SEPTEMBER 2022

Cape Clivia Show 2022 held at the Tygervalley Shopping Centre



Cape CC Show 2022
People's Choice –
Kobus van Schoor

Cape CC Show
2022 – 2nd Best on
Show – Piet Theron



Cape CC Show 2022 – Best on Show – Chris Smit





Cape CC Show 2022
– 3rd Best on Show –
Chris Smit

Display of the Cape Clivia Show Venue 2022
from above.



Cape CC Show 2022 – Winners with their plants and trophies. From L to R – Michael and Christine Baister, Elize and Frans Mouski, Piet and Jeanette Theron, Chris and Rene Smit.

Lowveld Clivia Club 2022



Lowveld CC Show 2022 – Best on Show – Ian Radmore

Lowveld CC Show 2022 – Second Best on Show – Paul Kloeck



Northern Free State Clivia Club Show September 2022



Northern Free State CC – Best on Show – Stefan Ferreira



Northern Free State CC – Second Best on Show – Hendrik Lindeque

Northern Free State
CC Show 2022 –
Third Best on Show –
Hendrik Lindeque



Northern Free State
CC Show 2022 –
Highest Points for
entries on Show –
Jan Schmidt



Northern Free
State Show 2022
- Best on Show
– Foliage Plant –
Johan Wiesner

Joburg Clivia Club Show 2022



The Judges at the JCC Show 2023. From left to right – Danie Pretorius, Steve Hickman – from the United Kingdom, Hendrik Botha, Oosie Oosthuizen.



Joburg CC Show 2022 – Best on Show – Pieter Saayman



Joburg CC Show 2022 – Second Best on Show – Anton Potgieter



Joburg CC Show 2022 – Third Best on Show –
Corra van Heerden



Joburg CC Show 2022 – Highly Recommended –
Vikus Theron

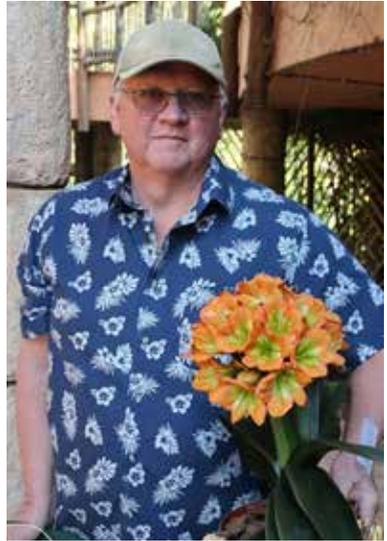


Joburg CC Show 2022 – Stall build up prior
to the Show



Joburg CC Show 2022 – Floral Arrangement –
Gold Medal – Cora van Heerden

Northern Clivia Club Show 2022

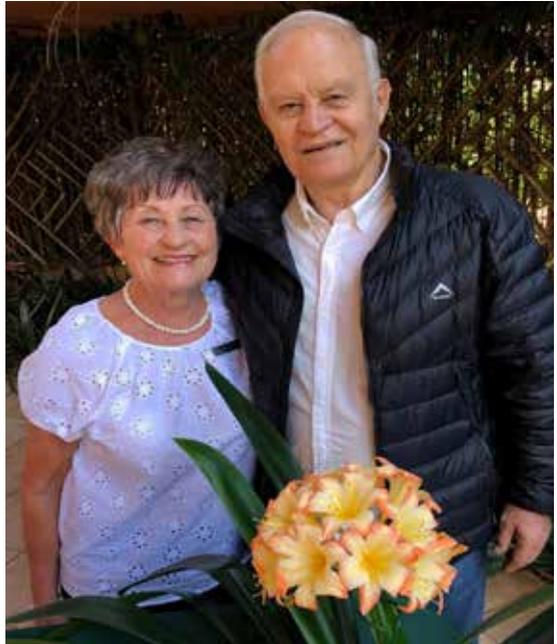


Northern CC Show 2022 – Best on Show
– Wilbur van Wyk

Northern CC Show 2022 – Best on
Show – Wilbur van Wyk



Northern CC Show 2022 – Second
Best on Show – Martiens Erasmus –
here with Raymond.



Northern CC 2022 – Show – Third Best on Show –
Corra and Dawie van Heerden



Northern CC Show 2022 – Third Best on Show – Corra van Heerden



Northern CC 2022- Second Best on Show – Foliage – Hilton Atherstone



Cobus Roos – Auctioneer at the Northern CC Auction 2022



Northern CC Show 2022 – Best on Show Foliage – Wilbur van Wyk



Frans van Zyl with Anna Meyer of Anna Meyer's Peach fame at the Northern CC Show 2022

Liz and Glen Boyd at their stall
Northern CC Show 2022



Sean Chubb manning his
stall at the Northern CC
Show 2022



Manie Maree manning his
stall at the Northern CC
Show 2022

KwaZulu – Natal Clivia Club Show 2022



Kwa-Zulu Natal CC Show 2022 – Best on Show – Sean Chubb



Manie Maree and Anton Potgieter at the Rooihuskraal Clivia Show 2022



Kwa-Zulu Natal CC Show 2022 – Third Best on Show – Louis Lotter



Kwa-Zulu Natal Show 2022 – Second Best on Show – Kate Oosthuizen



Some Clivia entries at the Rooihuskraal Show

Garden Route Clivia Club Show Summer 2022

Garden Route
CC Show 2022 –
Best on Show –
Willie Freund



Garden Route CC – Second Best on Show –
Ricky and Noella Jardim



Garden
Route
CC – Best
on Show
– Foliage
– David
Norval

Garden Route CC 2022 – Second Best on Show –
Piet and Jeanette Theron



Eastern Province Clivia Photographs 2022

A few photographs of images submitted



'People's Choice' – Hannellie Dreyer



Free State Clivia Club Show 2022



Free State CC – Best on Show 2022 – Stefan Ferreira

Northern Free State CC Show 2022 – Best on Show – Stefan Ferreira



Free State CC – 2nd Best on Show 2022 – Stefan Ferreira



Free State CC Show 2022 – 3rd Best on Show – Riaan Roux

Clivi-arta – A Glimpse Behind the Cartoons

Part 2

Helen Sanders

Most of my Clivi-arta cartoons start out as an idea, either for an illustration, or for a punch line.

The idea then requires the chosen theme to be expressed in a way that will hopefully be clearly understood. Space must then be adequate to provide an amusing perspective for 'cliviaphiles'. Obviously, the original idea may evolve and the final decision may be a lot different from the original idea.

I make rough sketches of possible layouts, wording and illustrations. When I have decided on the final layout, I make a pencil sketch of the whole cartoon, checking the characters and wording will fit into the available space. Next, I trace this wording and outlines of the sketch onto another sheet of paper (Fig 1) and then ink over the lines and carefully erase any pencil marks still visible (Fig 2).

The inked line art is then scanned into the computer, where minor errors can be digitally erased and adjusted using the program Adobe Photoshop®. Working digitally can also be a lengthy process, depending on how many adjustments need to be made. It offers the advantage of working in layers and the ability to save work at various stages of progression. I can easily add grey to selected areas for visual interest. The cartoon wording may be altered and this changed by will be made before the cartoon is completed. (Fig 3).

Creating the cartoons, both the manual and digital process, provides me with an engrossing challenge. I have to date produced over 100 cartoons, seventy-two of which appear in my book 'Clivi-arta' – Volume 1. Printed copies are currently available from me, for details please email cliviapinewald@gmail.com 🌸



Fig 1: Sketches and pencil lines ready for inking.

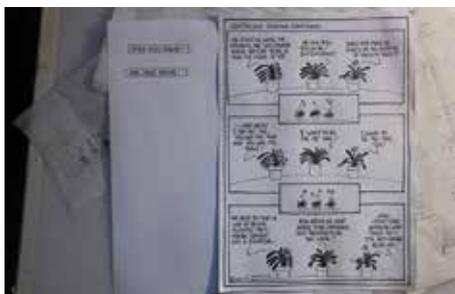


Fig 2: Final inked lines ready for scanning.

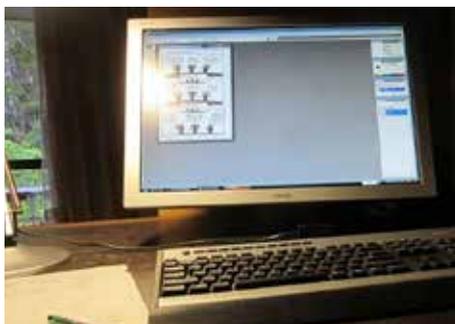


Fig 3: The finished digital version ready to send to the editor.

The North American Clivia Society

The North American Clivia Society is planning on holding two events in Southern California, as follows, in celebration of its 20th anniversary of holding events in Southern California:

The 2023 Huntington Clivia Show and Sale

10AM to 5PM daily during the weekend of March 11th and 12th

The

Huntington Library, Art Museum, and Botanical Gardens
1151 Oxford Road
San Marino, CA 91108
<https://huntington.org>

The 2023 Sherman Clivia Show and Sale

10:30AM to 4PM daily during the weekend of March 18th and 19th

The Sherman Library and Gardens
2647 East Coast Highway
Corona Del Mar, CA 92625
<https://thesherman.org/>

As time gets closer to both events, the NACS website at:

<http://www.northamericandiviasociety.org/> 🌸



vrijehof Clivia
www.vrijehof.co.za

Antonie de Vry
083 560 6492
clivia@devry.co.za

The North American Clivia Society Show held on the 12th and 13th of March 2022

The event was co-sponsored by The Huntington and NACS' Southern California Clivia Club. There were a total of 306 judged entries in the show across three categories, 14 divisions, 21 groups, and 82 classes! The Flowering Category had 267 total entries, consisting of 149 plants, 7 umbels, and 111 florets, all across 66 classes. The Foliage Category had 13 classes represented with 21 plant entries and 4 entries in the Seed and Berry

Division. There were 14 entries in the Creative Arts Division with all entries in the Photography Class. People's Choice voting returned to the show this year and there were nearly 1,500 votes cast almost evenly across the two days. Included with this follow-on article are a selection of photos of the flowering and foliage entries that placed no higher than Best in Group. The May article on the show and sale featured photos of entries that placed Best in Division or higher. 🌺

BELOW ARE SOME OF THE IMAGES FOR THE PHYSICAL SHOW AND OR THE VIRTUAL SHOW OF 2022



Huntington Gardens display of the NACS Summer Show 2022



North American Clivia Society Show Summer 2022 – Marilyn Paskert – Best in Salmon miniata category



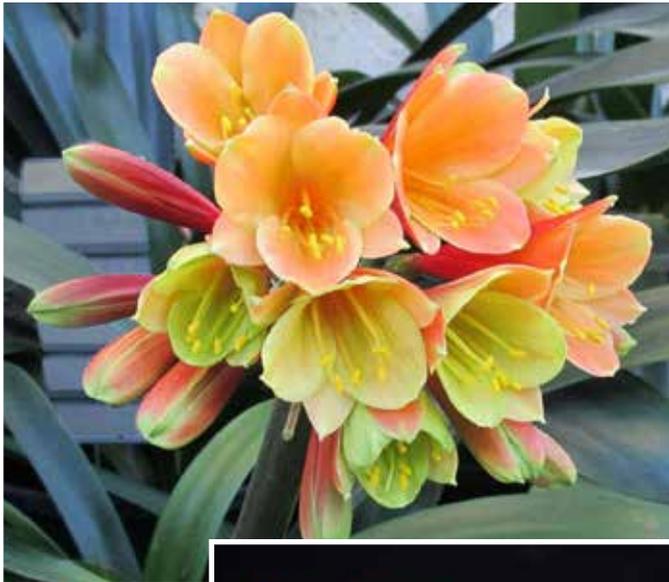
North American Clivia Society Summer Show 2022 – Best in Peach miniata Category – Norman Nakanishi



North American Clivia Society Summer Show 2022 – Best in Longitudinal Variegation Foliage category – Manuel Morales



North America Clivia Society Virtual Show 2022 – Kevin Akins



North America Clivia Society Virtual Show 2022
Winning Interspecific of WiFian McClelland



North America Clivia Society Virtual Show 2022 – Runner-up Interspecific – Mike Riska



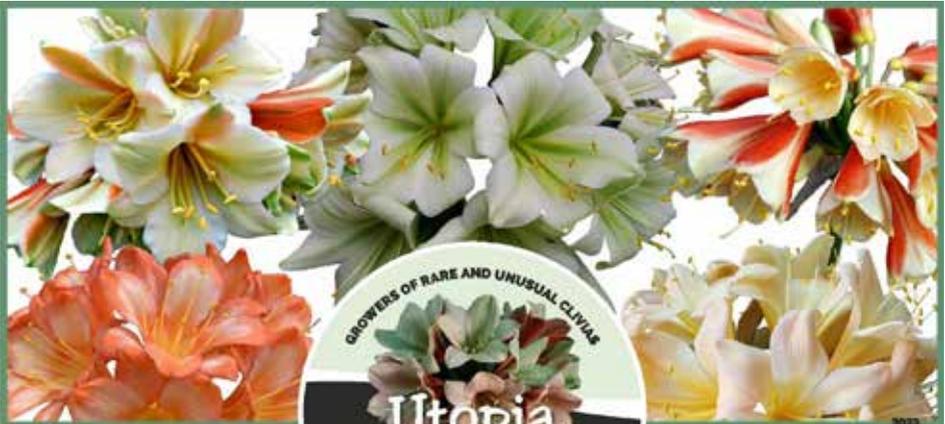
North America Clivia Society
Virtual Show 2022 – Versicolour of
Kevin Akins



North America Clivia Society Virtual Show – 2022 –
Entry of Alex Mikhalevitch and Cary Schneider



North America Clivia Society – Tiger variegation of
WiFian McClelland – Second in class



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[utopia.clivias](https://www.instagram.com/utopia.clivias)

Photographic Competition of the Clivia Society 2023

All members of the Clivia Society are invited to submit entries into the six categories of the Photographic competition. The photographs you enter may be published in the Yearbook 23 of 2023. The closing dates for entries is the 30th September 2023.

CONDITIONS FOR ENTRY OF IMAGES INTO THE COMPETITION

1. Complete the entry form. An entry form should be included with each submission of photographs. One form is sufficient if several photographs are submitted at the same time.
2. Submit entries by the 30th September 2023.
3. There are six categories. The number of entries per category is limited to three.
4. Photographs should be submitted to Clivia Society Photographic competition, gcmidd@mweb.co.za If the size of the images is large use 'WeTransfer' – free of charge!
5. Format of photographs: jpeg file not larger than 2Mb per photograph. The resolution to be 300 dpi. The images should be submitted without being embedded in another programme. No evidence should be present that may identify the image as belonging to a specific person.
6. If you submit photos for entry into the Society competition you accept that your photograph may be used in Society publications with full recognition of you as photographer.
7. The decision of the judges is final and must be accepted by all entrants.

Hints: The photographs are judged on their

photographic quality. The prettiest photograph may not be the best in quality in terms of photographic assessment. Aspects such as sharpness of the image, true colour, absence of distractions in the photograph, composition, lighting, cropping, background choice and white balance are all important considerations for the photographer.

CATEGORIES FOR THE COMPETITION – maximum of three entries per category

1. Any photograph of a Clivia *miniata* umbel.
2. Any photograph of any pendulous species.
3. Any photograph of any interspecific clivia plant. Owing to the ongoing problem of separating some of the interspecific flowers from the *miniata* flowers, consider carefully into which class you wish to enter the flower image.
4. Any photograph of any habitat plants. These must be photographed in their natural state in habitat.
5. Any photograph of any single flower of any Clivia species. This class refers to a single flower, so you should have a single flower as the main feature.
6. Any photograph of Clivia related subjects such as buds, berries, foliage and floral art.

CLIVIA SOCIETY PHOTOGRAPHIC COMPETITION ENTRY FORM 2023

Name of Entrant	
Contact Address or e-mail	
Telephone	
Date photographs taken	
Number of Entries	

Indicate number of entries in each class below:

<i>C. miniata</i>		Pendulous species		Interspecific plants	
Habitat		Single flower		Clivia related: buds, berries, foliage, floral art	
Submission		e-mail		WeTransfer	

Clivi-Arta

Helen Sanders

CONTINUING CLONING CONFUSION:

THE PLANT WE WERE, THE ORIGINAL 'ME' NO LONGER EXISTS. INSTEAD THERE IS NOW THE THREE OF 'US'.

WE ARE STILL THE SAME - BUT DIFFERENT!

DOES THAT MAKE US GUILTY, OR THE VICTIMS OF 'IDENTITY THEFT'??



AFTER MUCH DEBATE ...



... HOW ABOUT I AM 'ME ONE', YOU ARE 'ME TWO' AND YOU ARE 'ME THREE'?

I WANT TO BE THE 'ME ONE'!

I WANT TO BE 'ME ONE' TOO!



AND MORE DEBATE ...



WE NEED TO FIND A WAY OF BEING MULTIPLE 'ME'S'. MAYBE 'GOOGLE' HAS A SOLUTION ...

HOW ABOUT WE JUST AGREE TO BE DIFFERENT, AND PRETEND TO BE THE SAME?

LOOK, I DON'T CARE ANYMORE WHAT YOU 'ME'S' DO - I'M JUST GOING TO BE ME!



©CLIVI-ARTA '23

2023 Membership Fees of the Clivia Society

Subscriptions are for a single calendar year – January to December.

The fees below include postage except where mentioned.

Australia	Pay to Lisa Fox: lisa.fox@gmail.com	\$ USA 30.00
USA	Pay to North American Clivia Society www.northamericanciviasociety.org	\$ USA 35.00
New Zealand	Alick McLeman: clivia@xtra.co.nz>	\$ USA 30.00
United Kingdom	Steve Hickman: hickman.sss@btconnect.com	£ 25.00

International – China, Europe, Japan

Only digital copies \$10 US

Pay Clivia Society – Paypal gcmidd@mweb.co.za

South African Members

Pay local club membership fee to the treasurer (Varies)

The club membership, includes R150.00 affiliation fee to be paid to the Society by the club. The postage cost of publications sent to the clubs by the Society is an extra fee, to be paid by the clubs.

Advertisement Costs in Clivia News – 2023

Three Editions per year: Artwork supplied by Advertiser

Half Page: R300.00; Full Page: R600.00



Cliviamart

Pikkie and Elize Strumpher

Email: pikkies1@absamail.co.za

Tel: 073-619-7356

www.cliviamart.co.za

CONTACT DETAILS OF SOUTH AFRICAN CLUBS AND INTEREST GROUPS

Border Interest Group	Barbara: Mobile: +27 72 025 4682; e-mail: gmiles@live.co.za
Cape Clivia Club	Joy Woodward: Mobile: +27 72 487 7933; e-mail: capeclivia@ibox.co.za
Eastern Province Clivia Club	Charl Coetzee: Mobile: +27 82 851 2217; e-mail: charlcoetzee@lantic.net
Free State Clivia Club	David Fourie: Mobile: +27 72 614 3091; e-mail: fouriedm@telkomsa.net
Garden Route	Karl Rost: Mobile: +27 82 887 4429; e-mail: karlrost@lantic.net
Joburg Clivia Club	Glynn Middlewick: Mobile: +27 82 650 1463; e-mail: gcmidd@mweb.co.za
KwaZulu-Natal	Jean-Luc Bestel: Mobile: +27 82 09 9048; e-mail: luke@btapipe.co.za
Lowveld Clivia Club	Secretary: Sue Kloeck: Mobile: +27 82-408-1922; e-mail: sue@cliviakingdom.com
Northern Clivia Club	Johanita Snyman: Mobile: +27 84 656 1809, e-mail: johanita.snyman@gmail.com
Northern Free State Clivia Club	Jan Schmidt: Mobile: +27 83 407 5563, e-mail: jan.schmidt@absamail.co.za
NKZ-N (Newcastle) Interest Group	Jean-Luc Bestel: Mobile: +27 82 09 9048; e-mail: luke@btapipe.co.za
Overberg Clivia Interest Group	Willem Fourie; e-mail: willem@exafrica.co.za
Vryheid Interest Group	Nico Grobbelaar: Mobile: +27 84 273 1632; e-mail: jannic5603@gmail.com

