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CLIVIA



NEWS

Quarterly Newsletter
of the Clivia Society

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The Clivia Society 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

Table of Contents

	Inner front page
▼ CLIVIA NEWS -	
▼ EDITORIAL - <i>Joubert van Wyk</i>	2
▼ LATE SHOW NEWS	2
▼ IN MEMORIAM	
A tribute to Les Brown - <i>Felicity Weeden</i>	3
Mias Vollgraaff - <i>Sakkie Nel</i>	12
▼ CLIVIA SOCIETY MATTERS	
Review of the 2012 AGM - <i>Paul Kloeck</i>	4
Honorary Life membership to John van der Linde - <i>Cape Clivia Club</i>	6
Heritage Of The Clivia Society From 2010 To 2012 – <i>Lena van der Merwe</i>	9
▼ HABITAT CLIVIA	
Unforgettable Habitat Tours - Mariepskop and Bearded Man - <i>Andre Swart</i>	7
Clivias Endemic To South Africa, Swaziland & Mozambique – <i>Connie and James Abel</i>	17
▼ CLIVIA BREEDING	
Yellow Drops a rare find – <i>Dawie Strydom</i>	14
▼ RELATED	
Of nuts and bolts and wheels - Transporting Clivias – <i>Connie and James Abel</i>	18
An Inconvenient Necessity – <i>Gordon Fraser</i>	18
▼ CLIVIA NOTES & MUSINGS	
When Is 'Clivia' Not A Clivia? – <i>Greig Russell</i>	19
▼ CLIVIA PLACES	
Babylonstoren – <i>Liesl van der Walt</i>	20
▼ CLIVIA GOGGAS	
Sclerotium Rolfsii Attacks Clivias – <i>Lena van der Merwe</i>	21
Weevil with yellow banded legs	23
▼ CLIVIA CLUBS & INTEREST GROUPS	
Melbourne and Toowoomba – <i>Helen Mariott</i>	23
Clivia in Aotearoa - Land of the white cloud – <i>Alick McLeman</i>	23
▼ SMALLS	27
▼ Clivi-Arta - <i>Helen Sanders</i>	27
▼ REPRESENTATIVES OF CLIVIA ENTHUSIASTS	28
▼ THE CLIVIA SOCIETY	29

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

The miniata flower season is nearly with us in the Southern Hemisphere, with various wonderful gardenii and interspecific shows behind us.

The AGM, which commemorating the 20th Anniversary the Clivia Society, was hosted by the Lowveld Clivia Club. It went very well and was a great success. The tour to Mariep's kop was very interesting and fun. The other tours and visits in and around Nelspruit and to Bearded Man are reported have gone very well.

Congratulations Oom Braam Opperman (Johannesburg, South Africa) on your 90th birthday, we look forward to seeing many more plants from your interesting breeding programme.

This is my first issue of Clivia News as Editor. I would like to take the opportunity to thank Roger Fischer for all the dedicated work he has put into Clivia News over the years and the legacy of Clivia records he has left us through such. His are certainly big boots to fill.

The technology that is available these days brings its challenges to the print media – as people we seem to have become more accustomed to 'instant gratification' as information i.e. content has become more immediately available. Pictures of flowering plants, adverts, ideas, views and comments are placed on the internet and are immediately available to a large audience at an insignificant marginal cost. As editor of the Clivia News (being in the print media domain) I am faced with this dilemma, and as such will be thinking about the relevance, nature and the future of the Clivia News.

We would like to introduce sponsored pages into Clivia News – please see page 6 and 23 for examples.



COVER PHOTO – 'Joubert's Lorraine'

I look forward to your inputs and contributions – please keep them coming!

Let's give meaning and purpose.

Joubert van Wyk Editor ▼

Late Show News

Bosveld Clivia Interest Group show: 1 September 2012, to be held at The Farm Yard Trading Post, next to the Mall of the North in Polokwane.

Newcastle Clivia Interest Group show:
8 September 2012 in Newcastle.

Vryheid Clivia Interest Group show:
15 September 2012 in Vryheid.

KwaZulu Natal Clivia Club show, market and auction: 15 & 16 September 2012, to be held at Royal Show Grounds in Pietermaritzburg.

Sakkie Nel ▼

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IN MEMORIAM

A Tribute to Les Brown

Felicity Weeden

Les Brown, plant person and Clivia fanatic, died very peacefully at the age of 90 years.

Les started life in South Africa, and with his parents, moved to Rhodesia, as it was then known. He grew up and helped on a small farm where his widowed mother farmed in



Les Brown

order to make a living and educate her five children.

He worked as a telephone technician and moved on to management later on.

He was always involved in community and Church work.

Always involved with plants of all kinds, he grew a marvellous veg garden, hybridized aloes, Barberton daisies (Gerbera) and amaryllis. So successful was he with his amaryllis that he was able to put his son through his medical studies helped by the



Dooley

PHOTO: Les Brown



PHOTO: Les Brown

L18

proceeds from these plants.

In due time the Browns migrated to South Africa and Hermanus, where Les and Audrey lived for 30 years. It was during this period of his life that Les became involved in

hybridizing Clivia.

He did not have access to a large gene pool. Les befriended Christo Lötter, who helped him with pollen from his yellow clivias, and also shared much information with him garnered from his own years as a Clivia grower and breeder. There was another friend and plant enthusiast, Peter Barker, who also grew Clivia and it was from this source that Les received his plant, L5, which was an orange split for yellow. Through this plant he produced the lovely peach "L35 - Fascination" (registered name). This plant has a perfect umbel and frequently sends two umbels simultaneously. These are all very robust, broad leaf oranges of superb quality.

L18 being a particularly good breeder of excellent oranges and pastels. There is another really lovely peach with strong pink overtones called L60 which is little known, but is quite exceptional.

Les was particularly proud of L4, a spidery soft salmon, changing to deep pink as it matured. His L36 was a 10 cm yellow that was his pride and joy, but unfortunately turned out to be a poor breeder. Then there was L14, a pale apricot with a green throat – when crossed with Ella van Zyl it produced a lovely sparkling green throated peach, called "Dooley" because when it first flowered the lovely umbel hung down, caused by a cracked peduncle!

Les started the Fernkloof Nursery in Hermanus, specializing in indigenous plants. His aim was to make indigenous plants available to gardeners at very reasonable prices, in an effort to encourage the use of these plants in home gardens. The garden was later taken over by Botsoc.

On the occasion of his 90th Birthday, on 17th October, 2011, his children from round the world were there to celebrate with him, and they all also attended his funeral a few months later.

In closing, Les was still planting and tending his Clivia and ground Orchids in the months before his passing. He didn't stop there! He also grew a herb garden for use in the Kitchen at Sofca where he and Audrey were residing.

As I have said before, Les was an unsung hero and is sorely missed by his friends and plant friends in Hermanus.



Links No. 2 Flower

CLIVIA SOCIETY MATTERS

Review of the Society's Annual General Meeting - Hosted by the Lowveld Clivia Club -

Paul Kloeck

Herewith a short review of the AGM and activities surrounding the 20th anniversary of the Clivia Society weekend.

The Mariespok tour was attended by 49 delegates and the Bearded Man tour by 41. (This includes the few LCC members). The AGM was attended by 70 Clivia enthusiasts. All three events were hugely successful and we have received numerous compliments and thanks from all clubs and interest groups around the country. Visits to members' collections were thoroughly appreciated by the Association with requests to return in the flowering season.

Seventy delegates and partners attended the gala dinner at Kazuri. The evening was enjoyed by all and the plant auction that followed can only be described as a major highlight. Rare, precious and unique plants were donated by our members, the proceeds of which were all designated to LCC to help cover costs and pay off debts. An amount of R10 450,00 was realised. An SA record for the sale of a single yellow caulescens seed was probably attained. This seed was snapped up for R500,00.

Koos Geldenhuys, Roger Dixon and Joubert van Wyk are sincerely thanked for running the auction and contributing to its success, Ginny van Rooyen is thanked for handling the administration. Our thanks are also extended to Francois van Rooyen for the donation and fine plants presented for sale.



I wish to thank the following LCC members for their valuable and unselfish contributions which ensured that every guest and delegate felt welcome and left the Lowveld with fond memories of an unforgettable weekend.

Stephen and Ina v/d Linde : for the plant and seed donations, lottery nimbicola, caulescens auction plant, catering and organising the Bearded Man tour.

Greg Jones : for the Mariepskop tour, catering and making your vehicle available.

Maria and Eddie Grove : for organising gifts and memos, registration, communication and all the other thankless and generally unappreciated tasks handled without fuss or complaint. In addition for the generous donation of your award winning peach.

Andries de Kock : for organising the SAB sponsorship of ten cases of beer and cider and for negotiating and facilitating the catering for the Mariepskop tour and finger lunch at the AGM.

Lupton and Hanneljie Topham : for their perseverance and untiring efforts in organising sponsorship of a luxury bus and when that could not materialise through road conditions, obtaining a generous R1 500,00 cash donation. In addition they drove in daily from Lydenburg to assist with administration and cleaning and clearing up. Thanks also for the "interspecific" donation towards club funds.

Attie ie Roux : for making your private vehicle available and enticing Knittex to part with R1000,00. Congratulations on the record price for your yellow caulescens seed.

Chris Welgemoed and Erica and Neethling du Toit : for your very generous donation of Clivia Unlimited seedlings and seed handed out

to all official delegates and for the Welgemoed auction peach plant.

Ertjies Rohm : for the donation of "Kenya" and obtaining tourist material from Mpumalanga Parks and Tourism.

Felipe Orlans : for donating "Samber Peach", a seedling that had the Clivia world buzzing.

Roger Fisher : for the European Peach.

George Schmulling : who, when the chips were down, agreed to use his own private vehicle to convey guests to Mariepskop.

Willem Froneman : for the guided tour through the LNBG.

To all other members who attended the gala dinner at Kazuri and the braai at Bundu, and all those who helped with the cleaning up at LNBG, thank you for your participation and contribution to a splendid weekend.

Your help and contributions are sincerely appreciated. ▼



"Miss Perfect"

Pikkie Strumpher

Honorary Life Membership of the Clivia Society awarded to John van der Linde

The Clivia Society at its Annual General Meeting held on 19 May 2012, commemorating its 20th anniversary, awarded Honorary Life Membership to John Van der Linde.

The motivation submitted by the Cape Clivia Club follows:

After many years away from Cape Town, due to the requirements of his job as MD of Commercial Union Life, John and his wife Beth returned to settle in the Mother City in 1996. John has always been interested in indigenous plants and his appetite for Clivia was sparked by two events, firstly he saw a Yellow Clivia at the Kirstenbosch Nursery and knew he had



John van der Linde (left)
Christo Topham (right)

to own it. The second event was at a braai where Beth got talking to a fellow visitor, Ian Brown, who has helped ignite the Clivia interest in so many enthusiasts and Beth suggested that he chat to John. Some while later John had his Yellow Clivia pollinated by Ian who used some of his own yellow pollen as well as selfing it. From that time on John was hooked and became a member of the Clivia Club.

John, who by nature, is an extremely helpful person, soon became involved in Club affairs and when John Winter vacated the Chair and Chris Vlok took over as the Chairman of the Society, John van der Linde was nominated and became Vice Chairman where he served for five years until 2007. He has also served

on the Cape Clivia Club Committee from 2001 to 2010. As a committee member John distinguished himself as somebody who is always prepared to get stuck in and help do what needs to be done whether for the Society or the Cape Club.

John's efforts have always been for the benefit of the Society and its members and as a consummate diplomat he has often had to take the role of smoothing ruffled feathers when disagreements in procedure have arisen.

John served as an editor of the Clivia Yearbook over a seven year period, with four of the years spent as the lead editor. His positive attitude and willingness to get involved so that jobs were completed helped to ensure the high standards of the Yearbook were not only maintained but improved.

John also took it upon himself to research the history of Clivia and has written at least ten articles for the thirteen Clivia Yearbooks published so far. His comprehensive research and subsequent compilation of facts into interesting and easily readable stories for the layman highlight his ability as an author. His historical articles will be invaluable as part of the Societies information on the history of Clivia.



"Marquise"

Some of his non–Historical articles are:

- An Explanation on the Article on Molecular Systematics for the Layman
- Breeding Clivia
- C. mirabilis
- Clivia Flowering Times
- Old Botanical Art

• A number of General Information Articles for both the Yearbook and Newsletters that have been most informative and aimed at the average enthusiast.

John has also presented talks at Kirstenbosch and to various Groups and Garden Clubs including talks in both Australia and New Zealand. In so doing he not only encouraged interest in Clivia but kept the Societies flag flying high.

John was the chief organiser of the very successful 2010 Clivia Conference in Cape Town where he with a very small committee got the Cape Town part of the conference organised and ensured it ran smoothly. Through his untiring efforts Sanlam agreed to sponsor the venue. This turned into a financial benefit for the Society and this

in turn translated into lesser costs for the members that attended. He also arranged other minor sponsorships that helped to make the Conference a success.

The committee has no hesitation in recommending John van der Linde for Honorary Life Membership of the Clivia Society.

Post script: John received honorary life membership of the Cape Clivia Club on 28 February 2009. ▼



FILE PHOTO - SHIGETAKA SASAKI

Clivia flower arrangement

Unforgettable habitat tours organized by the Lowveld Clivia Club. *Andre Swart*

The Lowveld Clivia Club hosted the Society's 2012 AGM, and as part of such they organised the following tours:

1. Mariepskop

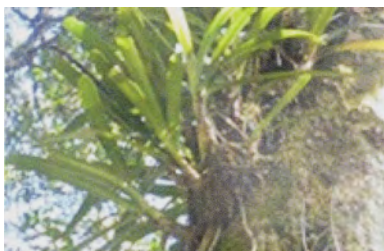
Friday 18 May 2012 – field trip to Mariepskop in the Blyde National Park in the Northern Drakensberg.



Mariepskop from a distance



'Look at this one!' Peet vd Walt



Clivias in a tree!



Clivia caulescens in flower (Mariepskop)



Clivia miniata (Bearded Man)



Clivia caulescens (God's Window)



Clivia nimbicola (Stephen vd Linde)



Mariepskop from a distance



The Bearded Man? (Stephen vd Linde)



About to explore Bearded Man

2. Visits to LCC members collections

On Saturday 19 May 2012 the Lowveld Clivia Club members opened their Clivia collections to the AGM visitors. At Paul Kloecks' farm (Clivia Kingdom) a lecture was held on the qualities of different colours of shade net. Mr Tommy Rogers of Knittex reported on the interim results of their experimental work on shade house netting for Clivias. Collections of Chris Welgemoed/Neethling du Toit, Annette and Johann Rademeyer, Greg Jones (Entabeni – heritage site), Attie le Roux were opened for visits for the rest of the day.

3. Lowveld National Botanical Gardens

Willem Froneman conducted a tour of the Lowveld National Botanical Gardens (LNBG). Willem is not only knowledgeable on all the Clivia species, but has spent 26 years at the LNBG and is an expert on cycads, aloes, indigenous trees etc.

The Annual General Meeting went well under the competent chairmanship of Christo Topham and the Clivia Society's management committee. In the evening a dinner with a plant auction was held. The auction provided lots of excitement as buyers competed for exquisite plants, and paid excellent prices for the auctioned plants. The proceeds predominantly went to the chest of the Lowveld Clivia Club.

4. Visit to Bearded Man

On Sunday we had a very exciting visit to Bearded Man mountain to view *Clivia miniata*, *caulescens* and *nimbicola* in natural habitat. Before we left for the mountain there was a short presentation by Stephen van der Linde on the characteristics of the flowers of Clivia in the Bearded Man area.

5. Long Life ..!

An excursion into Clivia natural habitat such

as Mariepskop, Gods Window and Bearded Man remains a highlight for every Clivia lover. Long live Clivias in the wild! ▼



Clivias every where!



In the jungle - Anita!

CLIVIA SOCIETY MATTERS

Heritage of the Clivia Society from 2010 to 2012.

Lena van der Merwe

In Clivia News volume 19 number 1 of January – March 2010 several persons and the Eastern Province Clivia Club reported on their efforts to stimulate the youth to take an interest in clivias. Pictured on page 10 is Marco Pretorius (11 years), page 39 Jade Kruger (11 years) representing the younger generation. On page 11 a grade six class (12 year olds) from Holy Childhood School, Eshowe, is depicted with their Clivia garden.

Ron Keeton, Illinois, USA (page 10) also reported of a school group interested in planting clivias. At the other end of the age spectrum is Mrs. Joyce May Lilford (85 years) on page 41 who received Honorary Life Membership from the Garden Route Clivia Club.

At the 2010 AGM, held at the Willows Resort, Port Elizabeth Honorary Life Membership was awarded to Kevin Walters, a founder member of the then Clivia Club in 1992. Kevin is featured as the Clivia Personality in volume 19 number 2 of April – June 2010. The KwaZulu–Natal Clivia Club Report at the AGM made mention of two new interest groups, Highway Interest Group who started their activities in May 2009 and Vryheid group who started their activities earlier and has held a show in 2009.

The Clivia Society stand (created by Pierre De Coster) at the Floralties of Ghent, pictured on page 36, won a silver certificate at this exhibition.

Clivia News volume 19 number 3 reported on Honorary Life Membership of Garden Route Clivia Club to Johan Conradie, an avid Clivia grower at Still Bay who at the age of 80 is still a very active member in their Club. Jo Onderstall, also an octogenarian and well known for her books on indigenous flora of Mpumalanga, RSA, is featured on page 5.

A gradual change took place in the contents of the newsletters; in the beginnings letters from members were the bulk and by now articles on clivias is the major content in Clivia News. Therefore the Clivia News is no more a source in researching the history of the activities of the Clivia Society.

The fifth international conference of the Clivia Society 'Clivia 2010' was held at the Sanlam Training Centre, Bellville, Cape Town on 21 – 22 September 2010. The theme was "Heritage of Clivia". The first part of the conference focused mainly on the Clivia species, early growers and the heritage of the Clivia society, while the second part was dedicated to research on Clivia. Four papers were from our international members and

the other 11 papers were from members of clubs in the RSA and the post graduate students of Free State University. Brief introductions to the presenters of papers at the conference are published on pages 13 to 20. Some of the names are well known, while those of the post graduate students are new. The Clivia Society has sponsored their research on Clivia at Free State University with funds generated mainly from the sales of "Cultivation of Clivias/ Kweek van Clivias" (written with the aim to generate funds for research on Clivia).

In Clivia News volume 20 number 1, January – March 2011 on page two the passing away of Fred van Niekerkand Erda Guillaume, wife of the late Bertie, is reported.

At the AGM on 21 May 2011, held at the Assagay Hotel, Shongweni, KwaZulu–Natal, Honorary Life Membership was awarded to Claude Felbert as was reported in Clivia News volume 20 number 2, April – June 2011 page 3. At this meeting and listed on page 32, notice was taken of new and existing interest groups in the KwaZulu–Natal region namely:

- Northern KwaZulu–Natal Interest Group in Newcastle, with Mrs. Joey Dovey as chair person,
- Ngome, Vryheid Interest Group with Louis Lötter at the helm.
- Highway Clivia Group, with Mike Callaghan as chairman. Their meeting and outing was reported on page 5 and 10, and
- Dundee Clivia Interest Group with contact person Peter Barichiev.

The voice of some of the stalwarts in the Clivia fraternity is stilled in the second half of 2011. Fred van Niekerk passed away in August 2011 and Mick Dower on 12 October 2011 (e-mails received). A tribute to Mick was published in Clivia 13 page 4.

Clivia Executive Committee Members 2011 to 2013

POSITION	2011/2012 COMMITTEE	2012/2013 COMMITTEE
Chairman	Christo Topham	Christo Topham
Secretary	Lena van der Merwe	Lena van der Merwe
Vice-Chairman	Francois van Rooyen	Francois van Rooyen
Treasurer	Sakkie Nel	Sakkie Nel
Office Bearer	Johan Spies	Paul Kloeck

Representatives of Constituent Clivia Clubs

Cape	Clayton Jonkers, John van der Linde, Dave Garriock	Clayton Jonkers, John van der Linde, Dave Garriock
Eastern Province	Andre Calitz & Thys Groenewald	Andre Calitz & Thys Groenewald
Free State	Jurie Swart	Jurie Swart
Garden Route	Piet Theron	Piet Theron
Joburg	Glynn Middlewick & Henriette Stroh	Glynn Middlewick & Henriette Stroh
KwaZulu-Natal	Francois van Rooyen and Glen Boyd	John Handman & Clive Mitchell
Lowveld	Paul Kloeck	Paul Kloeck
New Zealand	Tony Barnes	Tony Barnes
Northern	Peter Lambert, Norman Weitz & Lena van der Merwe	Peter Lambert, Norman Weitz & Lena van der Merwe
Northern Free State	Hannes van Rooyen	Hannes van Rooyen

Representatives of Overseas Members

Europe USA	Aart van Voorst William McClelland	Aart van Voorst William McClelland
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Other Overseas Contact Persons for Membership Application

New Zealand	Alick McLeman	Alick McLeman
USA & Canada	William McClelland	William McClelland
Australia	Ken Smith	Ken Smith
United Kingdom	Jaco Nel	Sakkie Nel



Clivia Clubs And Interest Groups

Cape Clivia Club	Mickey Hoctor	Mickey Hoctor
Eastern Province Club	Thys Groenewald	Thys Groenewald
Free State Club	Piet Laubscher	Marius Swart
Garden Route Club	Piet Theron	Piet Theron
Joburg Club	Glynn Middlewick	Glynn Middlewick
KwaZulu-Natal Club	Francois van Rooyen	John Handman
Lowveld Clivia Club	Paul Kloeck	Paul Kloeck
New Zealand Club	Tony Barnes	Tony Barnes
Northern Clivia Club	Peter Lambert	Peter Lambert
Northern Free State Club	Hannes van Rooyen	Hannes van Rooyen
Border Interest Group	Glen Miles	Glen Miles
Dundee Interest Group	Peter Barichiev	
Highway Interest Group	Mike Callaghan	Mike Callaghan
Ngome, Vryheid Interest Group	Louis Lotter	Louis Lötter
Northern KZN Interest Group	Lieb Swiegers	Hottie Human
Overberg Clivia Interest Group	Felicity Weedon	Felicity Weedon
Waterberg Bosleielub	An Jacobs	
Bosveld Interest Group		Hilton Atherstone
Editor Of Newsletter	Roger Fisher	Joubert van Wyk
Public Relations Officer	Sakkie Nel	Sakkie Nel
Yearbook Editorial	Roger Fisher	Roger Fisher
Registrar Of The Genus Clivia	Ken Smith	Ken Smith
Manager Website	Gideon Scheepers	Gideon Scheepers
Chair Research	Johan Spies	Johan Spies
Chair Standards & Judging	Koos Geldenhuys	Koos Geldenhuys

In Clivia News volume 20 number 4 of 2011 carried a tribute to Nicholas William Primich (16 January 1933 – 25 September 2011). Nick was the founder of the newsletter, he started it all, together with Connie and James Abel, what became the now Clivia Society and all the spin-offs of his advertisement in Veld & Flora way back in April 1992, 20 years ago. Clivia is now promoted in the West, East, South and North parts of the world by Clubs, Societies and groups. A Yellow Clivia is no more a rarity, now other colour flowers, flower shapes and leaf forms are in vogue. New species were discovered and described and research has been undertaken into the understanding of this ancient plant we all love and cherish. Never in his wildest dreams did Nick envisage the snow-ball effect his small advertisement would have on the development and popularising of this plant genus in the world.

On page 3 of Clivia News volume 21 number 1 we learned of the passing away

of yet another stalwart in Australia and an honorary member of the Clivia Society, Kevin Walters. Kevin was also an active member of the Toowoomba Clivia Society. Many Clivia lovers have plants from his breeding efforts such as 'Relly Williams', 'Valerie Martin' and others.

On 20 May 2012 the Lowveld Clivia Club hosted the Annual General Meeting of the Clivia Society at the Training Centre, National Biodiversity Institute, Mbombela, Mpumalanga. The host arranged habitat visits to Mariepskop and Bearded Man – two habitats not easily assessable to individuals.

The Clivia Society has learnt with regret of the death of Mias Vollgraaff of Klein-koebee. He was a farmer friend to many clivia members who visited the *C. mirabilis* habitat on his farm. May his memory live long through the friends he has made. Our condolences to family and friends. A tribute will appear in the next Newsletter.

Members of the Lowveld Club also welcomed visitors to their Clivia collections. Knittex gave a paper on the influence of different coloured nets on the growth rate of clivias at Paul Kloeck's property. Surprisingly it seems as if blue net, contrary to what was expected, enhance Clivia growth.



Paul Kloeck

At this eighteenth Annual General Meeting John van der Linde received Honorary Life Membership of the Clivia Society. John was vice-chairman of the Clivia Society from April 2002 to May 2007. He wrote several articles on Clivia, was editor of the Yearbook and the coordinator for the quadrennial conference in 2010. He is also a very active member of the Cape Clivia Club.

Johan Spies retired from the executive committee and was replaced by Paul Kloeck as Additional Member. Christo Topham (chair), Francois van Rooyen (vice-chair) and Sakkie Nel (treasurer) are re-elected for the next year. Lena van der Merwe is unanimously re-elected as secretary, a position she held since April 2002.

Joubert van Wyk took over as editor of the Clivia News. Roger Fisher will assist Joubert with the newsletter to ensure a smooth transition.

From one show in 1994 26 Clivia shows and exhibits are advertised in Clivia News volume 21 number 1. A photographic competition takes place annually and the results are published in the Yearbook. Habitat visits, regular meetings, garden visits and more than one show by a Club or group take

place every year. The quadrennial conference brings members across the world together to share their knowledge and expertise on clivias. What James Abel envisaged on 22 January 1994 is now the norm in the Clivia Society. Nick Primich's modest.



Joubert van Wyk beginning of a photocopied

newsletter to bring Clivia lovers across the world together to share their cultivation knowledge is now a colour printed booklet. Every Clivia lover possesses more than one yellow Clivia of different flower shape and colour distribution. More colours, different shapes, different colour distribution and size flowers are sought after plants not to mention leaf shape and variegation and size of plants. More species are described and yet everything regarding Clivia genetics is still a mystery.

In the Clivia News the emphasis moved away from "people owning clivias" to "clivias". The Clivia species has become the main topic in the newsletters and publications of the Clivia Society. The era of people owning clivias came to a close. Now the Clivia is on centre stage.

This brings the first twenty years of the Clivia Society to a close. What lies in the future will gradually be unveiled as time passes.

REFERENCE

News Letters volume 19, 20 and 21

Clivia 13. 2011.

E-mails received

Reports from Clubs to the AGM 2010, 2011 and 2012 ▼

CLIVIA BREEDING

Yellow Drops, a rare find.

Dawie Strydom

Dawie started growing Clivia in 1990 and specializes in yellow, pastel and multi-petal plants under the name of Clivia Select. In the background some interspecific breeding was also happening and the following sets out some of his results from one particular plant named Yellow Drops.

This unique plant was propagated from seed received from Yoshika Nakamura in 1996. The origin, according to Nakamura, is *Clivia miniata* x *Clivia gardenii*, crossed again with "New Hybrid". It is difficult to determine what exactly "New Hybrid" represents. In 1996 it was too early for it to be the yellow *Caulescens* which was bought by Nakamura at the Natal auction in 2002. It is suspected that it might be something like *Clivia robusta* given its leaf form - showing similar characteristics such as neatly arranged leaves with blunt tips.

This rare find shows strong colour separation between the in- and outsides. Yellow Drops (YD)

is characteristically yellow inside with a touch of orange on the outside. It produces progeny with soft colours ranging from apricot, peaches, pink tones and green. When crossed with *miniata* the results retain the hanging nature of the flowers. The outcome of these crosses is always unique and surprising, producing beautiful interspecific flowers.

The following photographs illustrate crosses made by using Yellow Drops as a berry plant (written first in the cross description) or where *Clivia miniata* strains were crossed with Yellow Drops' pollen (written second in the cross description). ▼



Yellow Drops (*miniata* x *gardenii* x New Hybrid) Nakamura 1996



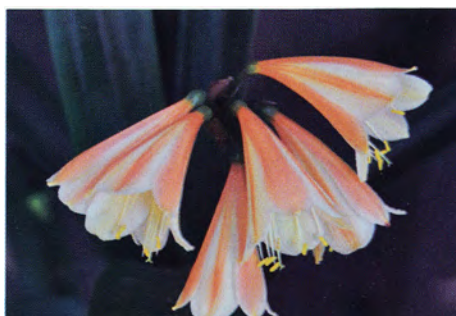
Variegated Yellow Drops (Daruma variegated x YD)



Variegated Yellow Drops (Daruma variegated x YD)



Striped Yellow Drops (Oortjies x YD), flowering September.



Fire - Cyrrhantiflora (Plant Ken Smith, Australia) x YD, flowering February



Oortjies, represents an interspecific garden Clivia from Ansie Le Roux.



Yellow Drops multi-petal (multi-petal x YD), flowering April, July



Multi-petal Yellow Drops, flowering peach in February



Peach/pink YD (YD x (Peach x Jumbo Yellow))



Apricot/Pink Yellow Drops (Apricot x YD)ur



Green Yellow Drops (YD x (Peach x Jumbo Yellow)),
flowering July



Green Yellow Drops - berries with stamen
attached



Top view, Green Yellow Drops - notice nice linen
texture.

HABITAT CLIVIA

Clivias endemic to South Africa, Swaziland and Mozambique.

Connie and James Abel

Besides South Africa, clivias are endemic to Swaziland. That country's eastern area is formed by the Drakensberg escarpment and lowveld. In the north, its border with South Africa bisects the Bearded Man forest, home to the two species *caulescens* and *miniata* and to *nimbicola*, their natural hybrid. Forests towards the southwest, along the border with South Africa, are also home to the two species, and *gardenii* have been reported near Mbabane. Additionally, to the east across the hot and inhospitable lowveld, *miniata* have been reported along the southern Lebombos. These mountains (large hills?) form the Swaziland/South Africa border with Mozambique, and it is our contention that it will prove to be the third country that is home to *Clivia*.

The prevailing winds in this area are onshore, giving a rain shadow effect to both the Lebombos and the Escarpment. As the air is forced up the eastern face of the escarpment, temperature and moisture carrying capacity drop and precipitation occurs. Descending the western side the converse applies, as the air is compressed with temperature rising, relative humidity dropping and aridity prevailing. To quantify the relative effect, in the centre of the escarpment where it is at its steepest, the lowveld has an annual rainfall of about 500 mm. Within a few km to the west the edge of the escarpment receives 1250 – 1500 mm (with lush sub-tropical forest and many *caulescens* populations) and a further 15 km to the west is low-lying arid bushveld with barely 350 mm.

From the Umbeluzi river in the north to the Usutu river in the south, the Swaziland/Mocambique border runs along the crest of the Lebombos. South of the Usutu to the Pongola river, the Swaziland/South Africa border runs along the western foothills of the mountains. *Miniata* have been observed at three points along the crest of the Lebombos, namely:

1. Near Siteki in Swaziland (Rudo Lotter in the mid 1990s).
2. In the Chilobe Forest in Swaziland (Swaziland herbarium).
3. Near Ngwavuma in South Africa (Craig Gibbon in the late 1990s).

It is easy (and safe, thanks to Google) to take a low-level flight along the border from the Usuthu to the Umbeluzi. There are numerous wooded kloofs (ravines) on and east of the fence line, and they appear to offer a *Clivia* friendly environment (the photo shows the border east of Siteki). Since, due to the rain-shadow effect, these kloofs on the Mozambique side will have a higher rainfall and it is inconceivable that there are not *miniata* in them. From experience, the precise location of individual *Clivia* habitats is so unpredictable that they will only be found with the help of local folk who will be familiar with

them, due to traditional medical/spiritual beliefs. But found they will be!

So sometime soon an

enthusiast's name will be added as only the third on a notable roll of honour – first observation of *Clivia* in a new country. ▼

Country	Area	Date	Name
South Africa	E Cape	1815	William Burchell
Swaziland	West	1910	Mabel Smith
Mosambique	Lebombo S	20??	????

RELATED

Of Nuts and Bolts and Wheels - Transporting Clivias.

Connie and James Abel



Like all enthusiasts, as our collection grew it gave us inevitable growing pains, including the challenge of moving plants to shows

and elsewhere. Car boots were quickly too small, with insufficient internal clearance. The obvious answer is a trailer, but the normal ones so common in SA presented problems since they did not have the clearance needed for flowering clivias. The problem was solved when we had the brainwave of simply making a cage out of 12mm water pipe, which, being heavily galvanised, is maintenance free. We covered it with a double layer of 80% shadecloth. It is easily assembled – all that is needed is a monkey wrench (bobbejaan' in SA). Neat, strong, rectangular and easy to use or store flat, it will be a pleasure to e-mail detailed plans to anyone who is interested – send us a request to jcabel@absamail.co.za. We will wish you happy travelling with your prize plants. ▼

An inconvenient necessity

Gordon Fraser

When Yvonne and I decided to 'down-size' to a modest home in an estate at the foot of the beautiful Outeniqua Mountains, it was from my part, with the recognition that I would have to reduce my Clivia collection from a few thousand to perhaps 250 mature plants plus half that number of seedlings. It is distressing but sensible to consider the motivation of divesting oneself of things and for Yvonne, of reducing her gardening workload by about 70%.

Having lived for most of our lives on properties on which we had the freedom to use shade cloth as and however we wished, it came as something of a shock to learn that the Architectural Committee responsible for all design approvals on the estate would not allow any structure on which shade cloth was visible from the road or neighbours.

The options of giving up the clivias or selling the house occupied our thoughts for many months but as neither was acceptable we turned to our

architect, a woman of determination and



Gordon Fraser

Above is a photo of the completed gazebo filled with the first but not the final selection.

considerable talent. The project 'An Inconvenient Necessity' was born.

She would design a Gazebo of brick and wood pillars matching those on the house verandah and a pitched roof covered with wood decking slats spaced so as to allow 50% of the sun's energy through. Fixed beneath and onto the roof trusses a ceiling of black 40% shade cloth thus hidden from view. The percentage sun's energy allowed through to reach the clivias would thus be about 30%. Perhaps not quite right but simple to rectify if necessary. The design was approved by the committee.

The five Clivia tables will carry about 250 mature plants reasonably spaced and an area beneath some trees an additional 100 or so seedlings. The gazebo Clivia house is now complete and we feel, an asset to the property. It is certainly a testimony to a love for a special part of God's creation that is a necessity notwithstanding the inconvenience of the disproportional high cost of accommodation per plant.

Needless to say that the heart wrenching task of selecting "stays" and saying goodbye to the rest will test one's ability to 'grasp the nettle'. ▼

CLIVIA NOTES AND MUSINGS

When is Clivia not a Clivia: 9 NM Clivia: Belem-Manaus-Beiem

Greig Russell

The NM Clivia is a ship of the line which plies between Belem in the Para river, part of the mouths of the Amazon, and Manaus, 1300 km up the Amazon at its junction with the Rio Negro. This diesel-powered ship is owned by Ar-Transporte, and departs regularly every second Tuesday afternoon from Belem for the six day, five night cruise. Accommodation ranges from 3rd class, where one sleeps in a hammock slung over the deck; to 1st class, in an en suite air-conditioned cabin. Most of the meals,

comprising simple foods, are served during the voyage. There is a bar and dance-floor on the upper deck - mostly populated by drunken Brazilians swaying to the samba. If travelling third class (which costs about \$200 one way), it is recommended that one hangs one hammock as far as possible from the engine exhaust and the toilet area. The NM Clivia has recently been reported as "a vessel of the cheaper, older, and more battle-worn variety".



SEPTEMBER CLIVIA MONTH at BABYLONSTOREN

The garden will be open from 1 September, 7 days a week from 9am-4pm. Entrance is R 10 per person. For more information about Babylonstoren, restaurants, guest cottages and activities on the farm, please visit the website www.babylonstoren.com.



Creig Russell

'NM Clivia'

The vessel stops at Almeirim, Piainha, Monte Alegre, Santarem, Obidos and Juruti, but these are all brief stops except for the 6 hour layover at Santarem where some sightseeing may be contemplated. One of the great sights on this trip, shortly before ones arrival at Manaus on

Sunday, is to see the confluence of the clear, black waters of the Rio Negro with the cloudy, brown waters of the Rio Solimoes.

The down trip, also leaving on alternate Tuesdays, but in the morning, is a day shorter, encompassing five days and four nights. ▼

CLIVIA PLACES

Babylonstoren. Liesl van der Walt

The historical farm Babylonstoren situated in the Franschoek valley was bought by the current owners five years ago. The original Cape Dutch manor house of 1777 was restored to its full glory. Other old buildings were also restored around this historic site. Guest cottages were developed from the workers houses and a lovely restaurant from the old cowshed.

In the midst of all this activity a garden was created known as the Historical Garden – a 3.5 hectare fruit and vegetable garden inspired by the formal layout of Jan van Riebeeck's Kompanje Gardens in Cape Town. Our younger readers may not know that fresh fruit and vegetables from the Kompanje Gardens were provided to passing ships round the Cape of Storms. More than 300 varieties of fruit and vegetables are grown in this garden to supply the restaurants on the farm. Visitors on the daily garden tour at 10am and guests staying in the cottages are encouraged to pick with the garden staff their own favourites.

A perennial stream runs along the south boundary of the Historical Garden with very old giant indigenous wild olives and oak trees. In their shadows flourish nearly 10 000 clivias with flower colours ranging from cream, yellow, orange, peach to deep red. The clivias under the trees are only getting good compost mulch twice a year – fall and early summer. These spectacular Clivias came from Hans Roos in Pretoria as a generous gift to his sister Karen Roos.

To complement the Clivias planted under the trees, on Hans's recommendation, Babylonstoren recently acquired the Mick Dower Clivia Collection that is much admired by Clivia enthusiasts and regarded as one of the top Clivia collections in the world. This Clivia collection that includes all seven species also has many unusual hybrids that were selected and bred over many years by Mick Dower. These Clivias have been planted in pots and to display them at their best, a special shade house has been built as a 70meter tunnel that curves through huge eucalyptus trees – a walk not to be missed when the clivias are in flower.



Babylonstoren



Fig 1 – Clivia plant infected by Sclerotium

CLIVIA GOGGAS

Sclerotium rolfsii attacks Clivias.

Lena von der Merwe

Penetration of host tissue occurs when the fungus produces an enzyme which deteriorates the hosts' outer cell layer. This results in tissue decay, further production of mycelium and the formation of sclerotia.

Ed: It would be interesting to get a sense of how many Clivia growers might have encountered the fungus, *Sclerotium rolfsii*, on their plants over the past summer, and whether this is a fungus that would attack Clivia other than in certain extreme circumstances. See Clivia News Volume 20 Number 4 pg 6.

The first undetectable signs of infection are dark–brown lesions around the base where the plant meets the soil. The first visible symptoms are the progressive yellowing and wilting of the outer leaves and then the whole plant topples over (Figure 1). Invaded tissues are pale brown and soft, but not watery as can be seen in the picture.

See Figure 1. As the infection develops further, the fungus produces abundant white, fluffy mycelium (threads or fibres) on infected tissues and the soil. Sclerotia (fruit bodies) of relative uniform size are produced on the mycelium: roundish and white when immature then becoming brown. Mature sclerotia resemble mustard seed or slow release fertilizer granules such as "Osmocote" (Figure 2).

See Figure 2. All the roots are eventually destroyed by this fungus (Figure 3)

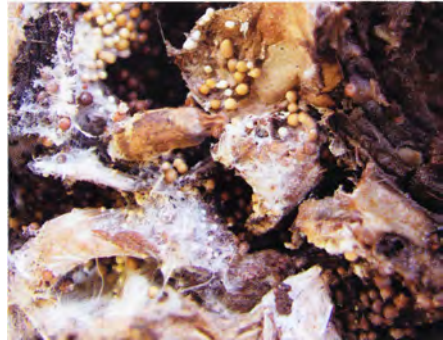


Fig 2 - Fruit bodies (Sclerotia), the granules, and macelum, the white fluffy fibres, in the plant meduim.

See Figure 3. Seedlings are very susceptible and die quickly once they become infected. Older plants, if detected early, may be rescued from death.

Sclerotium rolfsii grows, survives, and attacks plants at or near the soil line. Before it penetrates the host tissue it produces a considerable mass of mycelium on the plant surface, a process which can take 2 to 10 days.



Fig 3 - The roots of a Clivia plant destroyed by *Sclerotium rolfsii*.

Sclerotium rolfsii is able to survive (and thrive) within a wide range of environmental conditions and grow best on acidic soils and growing medium. Germination is inhibited at a pH above 7.0. The ideal temperature for growth is between 25 and 35 °C with little or none below 10 or above 40 °C. Mycelium is killed at 0 °C, but sclerotia can survive at temperatures as low as -10 °C. High moisture, relative humidity close to saturation, is required for optimal growth of the fungus. Spores are so light, and produced in large quantities, can travel long distances in the air.

Sclerotium rolfsii can

- overwinter in infected tissues or plant debris
- infect growing medium if not properly sterilized
- usually persists as sclerotia
- are disseminated by cultural practices (infested soil and contaminated tools)
- infested transplant seedlings
- spread with water (especially through irrigation)
- Spread in the wind
- contaminate seeds and
- survive passage (a small percentage of sclerotia) through sheep and cattle, and thus, could be spread through fertilizers prepared from this.

CONTROL MEASURES

Control measures include:

- chemical disinfection of vegetative propagation material,
- adjustment of soil pH by liming and
- adjustment of fertilizer regime.

Fumigants for treatment of seed beds are:

- formalin
- chlorobromopropene and
- methyl bromide (not to be used in South Africa any more) are among the most promising.

Pre-plant chemicals:

- fumigants such as metam sodium (Vapam), Vorlex, methyl bromide, and chloropicrin, applied to the soil

The hobbyist Clivia grower should ensure that their growing medium is sterilized as a preventative measure before planting – prevention is better than cure.

Preventative treatment or treatment of affected plants with dichlorophen is advised. Gouws & Scheepers (Pty) Ltd markets this under the name "Xanbac D" in South Africa.

Misuse of fungicides may lead to the cultivation of resistant strains of the fungi. It is very important to practice the utmost care and follow the prescribed regime for the use of the fungicides as the development of resistance may endanger food production. *Sclerotium rolfsii* has more than 500 plant species as hosts of which most are grown for food production.

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Ed: It would be interesting to get a sense of how many Clivia growers might have encountered the fungus, *Sclerotium rolfsii*, on their plants over the past summer, and whether this is a fungus that would attack Clivia other than in certain extreme circumstances. See Clivia News Volume 20 Number 4 pg 6.

Weevil with yellow banded legs

In the Clivia News, Volume 21 Number 1 page

27 Dr Lena van der Merwe from Pretoria, RSA brought a yellow legged weevil to our attention. It *Curculionidae: Brachycerus* sp. A very species-rich genus, that causes particularly damage to bulbs and aloes (among others).

Thank you Prof. Schalk Louw, from the Department of Zoology and Entomology at the University of the Free State, and for Lena and Prof. Johan Spies for following up on the name of the particular weevil. ▼

CLIVIA CLUBS & INTEREST GROUPS

Melbourne and Toowoomba

Helen Marriott

The Melbourne Clivia Group will hold its second CLIVIA EXPO on Saturday 22 September, Burwood (Victoria), again offering a display of plants and various other activities. See the group's website for further information (<http://www.melbournecliviagroup.org.au/index.html>). A more detailed program will be posted there one month prior to the day. Free entry. All welcome.

The Toowoomba Clivia Society runs its annual eight-day show in conjunction with the Carnival of Flowers, held during the last full week of September in Toowoomba (Queensland) (<http://www.toowoombacliviasociety.com.au/>).

Clivia in Aotearoa "The Land of the Long, White Cloud"

Alick Mcleman

Here in Aotearoa winter has set in. The Southern Alps are covered in snow. In Auckland the gardenii and robusta have all but finished flowering and the inter-specifics are now pushing their umbels. AND THE ALL BLACKS ARE THREATENING TO BE A DOMINANT FORCE. Aotearoa is the commonly used name for the whole New Zealand archipelago, but the word was originally used by the Maori to describe the North Island of New Zealand, that part of New Zealand conducive to growing Clivia outdoors because of its temperate to sub-tropical climate. The New Zealand Clivia Club is the only non-South African club affiliated to the Clivia Society. Formed in 2002 following an exhibition in

Auckland, the club has about 150 members throughout the country. This year non-competitive shows will be held in Auckland, Tauranga and Palmerston North.

With its clean-green image Aotearoa would have been a wonderful location for Clivia to have occurred in nature, so growers here are endeavouring to remedy the oversight. Participants in this year's KiwiClivia2012 tour will get to enjoy some wonderful Clivia landscapes.

Over the past 30 years Dr Keith Hammett, world renowned for his dahlias, sweetpeas, etc., has planted out acres and acres of Clivia in a lovely setting as part of his Clivia hybridisation program. This must now be one of the largest and most varied collections in the world, and those on the tour will have the whole of the Saturday morning to ramble amidst the plenty to their hearts content.

On the Sunday the tour will take in the Clivia Show in Tauranga, but on the way the tour will be hosted for the morning by Rex & Dee Williams and will enjoy their nursery and extensive garden, with Clivia plantings in a wonderful woodland setting. Other garden plantings to be visited will be that of Murray & Bev Gow's Clivia terraces, Ian Baldick's magnolia glade, the Hatch's Joy Plants, and David Brundell's wonderful garden in Glenbrook Beach, Gardenza. David has of course achieved prominence for the giant umbels produced by his fertigation process and work with Vico.

Photos can't do them justice. Anyone requiring information on the KiwiClivia 2012 tour can contact Jocelyn Day or Tony Barnes by email at nzclivioclub@yahoo.co.nz. ▼



Murray & Bev Gow's 'artificial woodland'



Keith Hammett's plantation



The Hatch's Joy Plants



Rex & Dee Williams' woodland setting & nursery

Marilyn Paskert



NACS Best in show



NACS Three winners

Marilyn Paskert

Joubert van Wyk



NNC gardenii show



NCC gardenii show judging

Joubert van Wyk

Heidi Nerurkar



Belgium visit to Pierre de Coster



Belgium Pierre de Coster

Heidi Nerurkar

Helen Marriott



"Winter pleasures - variegated berries"



"Joubert's Wings"

Joubert van Wyk

Pikkie Strumpher



"Gunston"



Ume Kobachoi

Shigetaka Sasaki

Heidi Nerurkar



Belgium Old Type Clivia of Pierre De Coster



Belgium

Heidi Nerurkar

Shigetaka Sasaki



Shigetaka

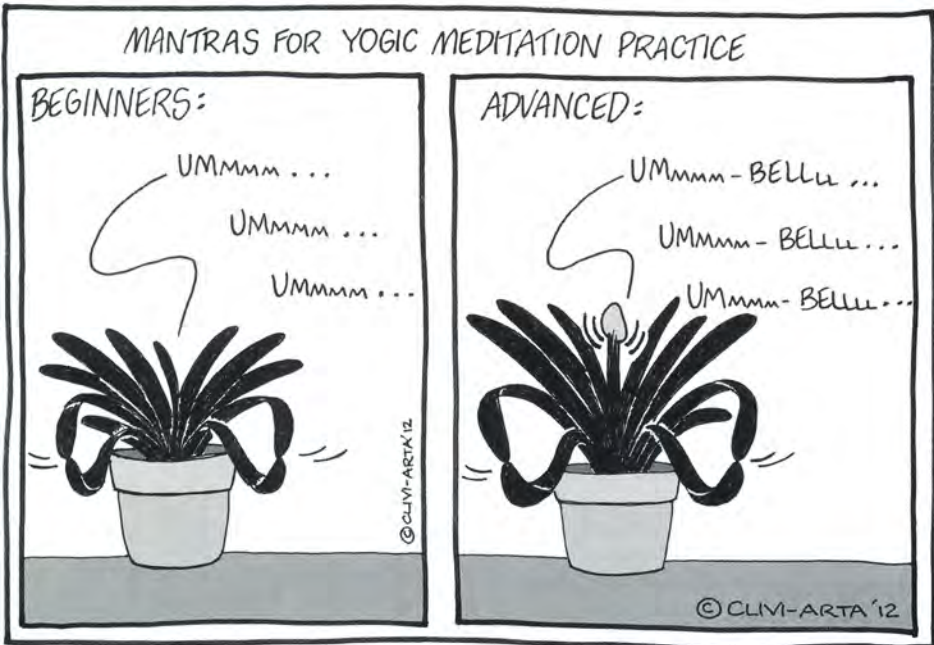


SMALLS

Willie Le Roux offers seed from very special crosses, peach x peach (includes peach/pink Cameron and Tipperary), pink x pink (sought after "Wern's specials"), pastel x pastel (Declan cross) and pink interspecifics, all done by safe sex method, at prices between R10 - R25 each

- postage excluded. Sorry, for South African members only. Seed list and photos on request from 014 360 3480, e-mail girlylr@telkomsa.net. ▼

CLIVI-ARTA



Helen Sanders

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CLIVIA CLUBS

Cape, Eastern Province, Free State, Garden Route, Joburg, KwaZulu-Natal, Lowveld,
New Zealand, Northern and Northern Free State

INTEREST GROUPS

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

