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CLIVIA NEWS

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of the Clivia Society

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CLIVIA NEWS



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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 three 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 on the inside of the back cover.

The objectives of the Clivia Society

1. To co-ordinate 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 advancing 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 abovementioned objectives.

More information on the Clivia Society available on
www.cliviasociety.org

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SEE PAGE 32 FOR CONTACT DETAILS.

The Clivia Society Newsletter started as a black and 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 issues respectively 3, 5, 8 & 5 during the first 4 years dated with the month of publication.

The frequency was fixed on four annually issues 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 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 monthly dating was reinstated.

CLIVIA NEWS is the continuation of this series.



EDITORIAL

It was with great sadness that I heard about the passing of Hiroshi Mitsuhashi in December 2016. He was a great Japanese *Clivia* breeder, and his plant business also included Epiphyllum. In August we were still mailing each other in relation to certain *Haemanthus* species he had enquired about, two of which I had obtained by November but had not yet posted to him, as I still needed to obtain phytosanitary certificates. As part of *Clivia* tours to Japan, arranged by Shige Sasaki, I had the fortunate opportunity to visit the breeding houses of Hiroshi three times in my life. I bought my first 'Tiger' variegated plant from him, and a number of other very interesting *Clivia*. The late Andre du Plessis (Johannesburg) and myself spent an entire day with him on one tour, with him showing us around his extensive breeding houses and the breeding experiments he had and was undertaking at the time. Amongst others, he was working on multiplying a number of his best plants by way of tissue culture in collaboration with a university in Japan. He had been working with the university in relation to tissue culture and the formula to be applied for optimal tissue culturing of *Clivia*. He corresponded with a number of breeders across the globe. I will certainly miss him. I wish all the *Clivia* News readers a fantastic 2017, and may all your breeding plans work out perfectly and come true.

Joubert van Wyk
Editor



Cover Photo: 'Star Green' original in flower 2016. Photo by Carrie Krüger

P.S. CUT-OFF DATES FOR SUBMISSIONS:

Photographic Competition entries – 28 February 2017;

Yearbook 18 – 28 February 2017. The Yearbook may, in addition to the usual categories, also include information on growers and collectors in and around the Johannesburg area in anticipation of the 2018 Quadrennial Conference to be hosted by the Joburg *Clivia* Club;

Clivia News 2017/2018 No. 1 – 15 June 2017;

Clivia News 2017/2018 No. 2 – 15 September 2017; and

Clivia News 2017/2018 No. 3 – 15 December 2017.

Back Cover Photo: Photo by Helen Marriott

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CLIVIA PEOPLE

Lena van der Merwe

By Sakkie Nel

Lena van der Merwe was born on the farm Woestalleen, near Middelburg, Mpumalanga on March 14, 1943. Her father was a farmer and soldier during the 1915 rebellion and Second World War.

Lena's mother's most important lesson to

her was: "live and let live". Once you have accomplished or mastered a technique, set that as your standard to be improved upon the next time you do it. Nobody is too poor or too important to be assisted with what you have and can offer. Her mother had the proverbial "green fingers". Her mother tried everything and anything: from making silica firebricks for the coal stove to sewing, embroidery, knitting, crocheting, cooking, baking and yes, she was an excellent marksman and hunter and a jolly good farmer.

Lena had three brothers and three sisters. One of her brothers died at a young age and she never knew him. Her eldest brother was a horticulturist and the other one is a farmer. Her eldest sister was a teacher, but she left teaching and did the financial and administration work of their property development business. Her other sister studied Bachelor of Commerce with Accounting, Economics and Roman Dutch Law as majors. She died at the age of 31 years, four hours after giving birth to her second child.

Lena attended Hendrina Group Two School from grade one to today's grade 10. The school bus she daily travelled on at sunrise was a lorry converted into a bus, and not the kind of

luxury buses that they use today. She attended Middelburg High School for grades 11 and 12 and resided in the school hostel Dennehof. The school and hostel were well-known because of the book "*n Kwartaal in Dennehof*" that was written referring to the school. The school and hostel had a tradition built up over many years. Lena started to work in administration and three months later at Biochemistry at the



Lena van der Merwe



Lena with members of her family.



A glimpse of Lena's garden.



Lena's polytepal

National Chemistry Research Laboratory of the Council for Scientific and Industrial Research (CSIR). She enrolled for part-time Bachelor of Science studies at the University of Pretoria, graduating with Chemistry and Mathematics as majors. In the meantime she changed jobs and took up a position at the Inorganic and Analytical Chemistry Department of the University of Pretoria. In a conversation with the professor and head of the Department, she was told: *"What a pity you are a woman. We cannot promote you above a man"*. She resigned and took up a position at the Wheat Board.

She missed the academic life and the students very much and enrolled for a Masters of Science (Inorganic Chemistry) at the University of Pretoria, which she obtained with honours and was awarded the "Protea Prize" for the best Master's student of that year. Lena and Bertha Smit were

the first two ladies obtaining a Master's degree in Inorganic Chemistry at the university.

Lena was invited to join the team at Nuclear Physics and Radioactivity, National Physics Research Laboratory. The CSIR was requested to develop separation techniques for the production of carrier-free cyclotron-produced radio-isotopes, which she did on the condition that she could use her research for her Master's degree – the first thesis at the University of Pretoria in Nuclear Chemistry.

After her Master's she took up a position as lecturer, later senior lecturer and Head of the Department at the now Tshwane University of Technology. She went on various training and short courses and studied part-time obtaining a Diploma in Fashion Design.

But again Lena came up with this man vs woman factor. She wanted to spend her sabbatical in

industry but was told that she could only use it to study further and seeing that she already had a Master's degree she could not go on sabbatical, because a woman does not have the guts to complete a doctorate in chemistry. So she enrolled at the University of the Witwatersrand and completed her Ph.D. two years later.

Growing up on the farm, Lena has had a lifelong interest in plants and all living things. She saw the first *Clivia* in flower during a visit to her friend's parents' place in 1965. The friend's step-mother grew up in the Machadodorp region and she had a plant from the Barberton region. In 1971 while visiting Babs Botha on Riverside farm, Lena saw a plant in a container in her garden and recognized it immediately as a *Clivia*. She gave Lena two offsets of which siblings still flourish in Lena's garden today.

By trial and error Lena cultivated *Clivia* plants because she did a course in Botany for her degree. When Lena joined the Clivia Club in 1996 she was quite "knowledgeable" about *Clivia*. Being a researcher at heart, she accumulated information on *Clivia* and wanted to write a booklet on the cultivation of *Clivia* in Afrikaans for the club members at the Northern Clivia Club. In January 2005 at a meeting of the executive of the Clivia Society, Chris Vlok as chairman and the late Bossie de Kock as treasurer convinced Lena as secretary that she must produce a book "*Cultivation of Clivia*". Lena agreed on the condition that the book was published in Afrikaans and English and that all the profit would be allocated to the Research Fund for *Clivia*.

She then wrote the book in English, "*Cultivation of Clivia*", and translated it into Afrikaans, "*Kweek van Clivia*", but realized that it needed to be checked for botanical correctness as far as terminology was concerned. She then asked Professor Hannes Robbertse, a botanist, to read through the manuscript. He offered her his article on the morphology of *Clivia*, which he specially revised for the book, which led to Hannes being named as co-author of the book. The late Bossie de Kock read through the manuscript to ensure the book was not too scientific or technical for the ordinary reader and he was responsible for getting sponsors for the publication. His input was recognized in that he became a co-author



An example of Lena's embroidery work

as well.

Lena served on the Northern Clivia Club Committee for 10 years from 2000 until 2009, mostly as secretary. She also served the Society for 12 years, as secretary, from 2002 until 2013. She received Honorary Life membership from the Society in 2014.

Being an Eastern Transvaler, she visited the habitats in the old Transvaal long before the Clivia Club existed. Later on she also paid visits to other habitats. She was an avid hiker and saw many plants that were inaccessible to vehicles. Scaling down from work and serving on the Clivia Society Executive Committee, when she retired, being involved with *Clivia* – plants, people and the administration thereof – formed a bridge for her to the point where she is now content to sit and embroider, crochet or knit. Her experiments are mostly in the kitchen. Sometimes the children in her extended family enjoy the spoils of her experiments.

Lena enjoyed her academic life. Today she lives the life of a pensioner in Pretoria. Whenever anyone would like to learn something of any *Clivia* history or help with *Clivia* or computer-related problems, Lena is willing to help.

For many years Lena worked with Sakkie Nel at the Northern Clivia Club. Lena also worked closely with Sakkie from 2008 until 2013 when they both served on the executive committee of the Clivia Society.

Lena's love and care for her family are to be admired, and she is spending a lot of her available time educating her nephews and nieces and doing a lot ferrying around of the children. ▼

Joy Woodward

By Sakkie Nel

Yvonne Joy Woodward was born in Johannesburg in 1941. Her father died at the age of 44, after a prolonged struggle with cancer, when she was only 15 years old. Joy left school to help her mother with family finances and supporting three siblings still at school. She took up work in an office while continuing her education through correspondence as well as learning secretarial skills in the evenings. Joy matriculated in the same year as her peer group.

Joy married young and had four children. Life changed dramatically for her when the marriage became a triangle. At this time she changed back to her maiden name and moved with her children to Cape Town where her

mother lived and started life afresh as a single mother.

Attracted by the opportunity to work in a nature environment at Kirstenbosch Gardens, she applied for a job there in 1993. The position as assistant to the Curator was peculiarly categorized as SPAC (Senior Provisional Administrative Clerk). It was a strange coincidence that her boss, John Winter, had the same initials as her own! Her years spent at Kirstenbosch were a very enriching experience and she enjoyed the environment as much as she enjoyed the people with whom she worked. She retired from Kirstenbosch in 2006.

Her introduction to the genus *Clivia* dawned in 1994, when she arranged for John Winter to attend the very first Quadrennial International Clivia Conference in Pretoria. On 28 October 1996 John asked her to stay late at the office in order to take minutes at a Clivia meeting. The purpose of this meeting was to start a Clivia Club in the Cape. This was the first meeting of the Western Cape Clivia Club. John Winter was appointed chairman, Ian Brown as Treasurer and Joy as Secretary. Little did Joy know that this appointment and relationship would last until the present day!

With enthusiasm and friendship, the Cape Clivia Club flourished and Joy felt privileged to be part of it all. In September 1998 the Cape Club hosted the second Quadrennial International Clivia Conference at Kirstenbosch Gardens which was an interesting challenge to the organizing committee. This Conference was followed by the introduction of the first Yearbook, printed in Cape Town. The Clivia Society financed this yearbook and Mick Dower was the editor, assisted by Claude Felbert and John Winter.

Joy's involvement with *Clivia* has also been an enriching experience, interacting with *Clivia* enthusiasts, sharing the excitement and pride of creating new hybrids and the pleasure of gaining awards at shows. She has enjoyed meeting people and forming many friendships that have grown within the Cape Clivia Club and



Joy Woodward

the bigger *Clivia* fraternity. She was inspired by the caliber of persons leading the Club – John Winter, Ian Brown, Mick Dower, Gert Wiese, John van der Linde and Claude Felbert, all of whom she admired for their integrity, commitment, dedication and generosity. But there were also many sad moments too, which included the loss of John Winter, Gert, Mick, Toy Jennings and Margherita Blaser who lived to 108 years and who was still growing *Clivia* at the age of 104 years.

From May 1999 until May 2002 John Winter was the Chairperson of The Clivia Society with Joy as Secretary of the Society and Ian Brown as Treasurer. In 2003 Annual General Meeting was held at Kirstenbosch, where Chris Vlok and Lena van der Merwe took over the reins of the Society. Joy was not able to grow *Clivia* because she lived with her mother in an upstairs flat. In 2006 Mary Steyn, who became a firm friend through supporting Joy with sending out newsletters and helping with teas over many years, mentored Joy and encouraged her to germinate seeds.

Joy's beloved mother died in 2011 at the age of 96 years. Joy now lives in a house with a

garden and can finally grow *Clivia* plants on terra firma! She has become an enthusiast and her *Clivia* collection consists mostly of *C. miniata* orange and yellow but she also has a few treasures through kind gifts such as seedlings of 'Chubb's Peach', 'Tipperary Peach', variegated plants and interspecifics.

In 2008 the Cape Clivia Club awarded Joy the honour of Honorary Life Member of their club. So what started in 1994 in Cape Town as Secretary of the Cape Clivia Interest Group is still intact today as Joy is still the Secretary of the Club in 2015! How many other Club or Group members can claim that they have served their Clivia Committee for 20 plus years?

Joy received Honorary Life membership from the Society in 2015 and was chosen as Secretary of the Society in 2015 and 2016.

Comment from Sakkie Nel: During my 40 years in Banking and then another 10 years later, I have learned that good and reliable secretaries are indeed very hard to find and a very rare species of person. Joy's commitment, dedication and integrity is something to be admired. She gets the job done without expecting any applause. ▼

CLIVIA SOCIETY

From the Chair

Glynn Middlewick

Hi Clivia Lovers,

As this Clivia Newsletter should reach you early in 2017, I'd like to take this opportunity and wish all members a prosperous New Year. The beginning of the year is a busy time for all, in preparation for a different and hopefully better year ahead.

The Clivia Clubs, if they have not already done so, elect their new committees to take on the challenge of the *Clivia* year ahead of them. Our Editor faces similar challenges, looking for articles, substantial editing, following up on the proof reading and final proof reading, and publication thereof. The due date for the submission of Show reports and photographs is 28 February 2017. The superb photographers

out there should submit their photographs for the photographic competition in the Yearbook. A report on the 2016 Club shows together with photographs are requested by 28 February 2017 to be included in the Yearbook.

The next Annual General Meeting of the Clivia Society takes place in Port Elizabeth on 13 May 2017. Notices will be circulated early in February 2017, together with the old minutes and requests for the names of representatives and nominations to serve in the various portfolios of the Society committees.

Some members may have noticed that the Clivia Society website has been modified. The aim is to keep the site up to date with contact details of all the Clivia Clubs and organizations. Doubts

about the updating of the website should not be a concern as Word Press is now used to update the site and is user-friendly. I will do the updating of the website. Otherwise, Marilyn Paskert may be contacted and she is able to access the site and appoint an administrator. Gideon Scheepers also obviously has access and is the webmaster. Marilyn Paskert has been responsible for loading all the items onto the website. A big thank you to her for this task. We also need to thank Marilyn for her involvement with the registration of *Clivia* together with Ken Smith.

The individual Clubs are encouraged to make use of the Society website to promote their Clubs and lists of forthcoming meetings and shows of the individual Clubs will be published on the website. Details of the individual Clubs may be found under 'Organizations' on the menu of the website. Shows will be listed under "events". To ensure that information from the Clubs and organizations is updated regularly, a request will be submitted to the responsible individuals for information on a monthly basis. I will ask Joy to request updates from the Clubs.

The Joburg Club has decided to discontinue its website and instead use the Society website to list the forthcoming meetings and events. The Society website has all the information a member may need to successfully cultivate *Clivia*.

We are also busy loading copies of all the *Clivia* News publications on to the site. So far we have loaded all the newsletters up until 2001.

Should you have the time, look through the old newsletters on the site and you will be surprised to find how many subjects have already been covered in previous publications and also find out other interesting facts about the Society in the earlier years. The intention is to load all the newsletters first and then later start loading the Yearbooks onto the site.

Unfortunately, the Society has not managed to keep a digital library of all their publications. As a result, Neil Nathan of the Free State Club has the unenviable task of scanning the old publications of which we do not have digital copies. This takes time and once we have the records they will be loaded on to the website.

We also wish to promote the seed and plant sales of the members. This then would provide visitors to the site with contact numbers when looking for *Clivia* plants. Simple contact details would be displayed free of charge for a month. Should members wish to display their sales or contact details for a longer period of time, then a nominal charge would be levied to help cover the website expenses. Listings and questions should be sent to me at info@cliviasociety.org.

The Society website will not have a blog facility. The *Clivia* Forum and the *Clivia* Enthusiast group provide that facility.

A repeated request is to support Joubert van Wyk with articles for the *Clivia* News and Yearbook. Your articles make the publications a feature that I regularly look forward to reading. ▼

Glynn Middlewick

Clivia Photographic Competition for Yearbook 18

The *Clivia* Society announces the 2017 *Clivia* Society Photographic Competition. It is open to members of the Society, affiliated clubs and interest groups. The object is to encourage *Clivia* enthusiasts to submit photographs from around the world. Please submit entries of photographs of attractive as well as some unusual *Clivia* flowers and plants.

Prominent space will be allocated in the Yearbook to winners in all categories as well as other entries of merit. The name of the photographer will be publicised with each relevant photograph. The best photograph in each category will be selected from all entries in these categories. The Habitat section, by definition, is only open to photographs taken in the *Clivia* endemic areas of Southern Africa.

Categories are as follows:

1. Miniata
2. Pendulous species
3. Interspecifics
4. Habitat (Photographs of habitat plants can only be photographs of plants taken in Southern Africa in their natural surroundings.)
5. Single flower – any species
6. Other *Clivia* photos e.g. buds, berries, foliage, floral art

The conditions and rules of entry are:

1. The completed attached entry form must accompany submissions.
2. Entries must be submitted by Sunday, 15 February 2017 to participate in the competition. No extension of the deadline will be possible as this deadline is based on the publishing deadlines for the Yearbook.
3. Entries are limited to three per category per person.
4. Photographs may be mailed to Clivia Photographic Competition,
P O Box 1820, Houghton 2041,
Johannesburg, Gauteng, South Africa.
(Flash drive or CD-R)
Or emailed to: myclivia@iafrica.com
5. Photos must be submitted as follows:
 - a. All photographs must be recorded in jpeg format, no larger than 2 MB per photo. No scanned or printed photos are to be submitted.
 - b. The resolution of the image must be saved on at least 300 dpi.
 - c. The pixel size should be a minimum of 1024 x 768 pixels.

- d. Photographs must be on their own and not embedded in another program e.g. MS Word.
- e. Names, dates or watermarks are not permitted to be included on an image. If any photographs are submitted with such annotations they will be disqualified.

6. Neither CD-Rs nor flash drives will be returned after the competition.

The decisions of the Panel of Judges on the winners of the competition by way of the respective categories are final and no correspondence will be entered into in relation to the competition or any aspect relating to such.

Remember to take aspects such as the following into account when capturing, editing and selecting your competition entries: Beauty of the flower, uniqueness of the flower, sharpness of the image, colour trueness, absence of distractions, good or unique composition, unique angles, framing and cropping, lighting (backlit, side lit, diffused, hard, flash, natural), background (contrast, tidiness and complementing colour), correct white balance etc.

The Clivia Society and its affiliates reserve the right to free reproduction and use of any of the images entered in this photographic competition to promote or advertise *Clivia* through whatever medium they deem fit.

In other respects copyright will remain with the photographer. With any publication of a photograph, credit will be given to the photographer. The receipt of an entry form (either by email by way of scanned copy or by post) will constitute the granting of such aforementioned permission by the photographer, and that the entrant agrees to abide by the rules of the competition. ▼

Application form is available on the Society website in Word format so people can complete such electronically and submit such with their pictures.

CLIVIA SOCIETY PHOTOGRAPHIC COMPETITION ENTRY FORM

The content of the entry form can be typed into or can be mailed as part of a submission.

NAME OF ENTRANT:

ADDRESS:

PHONE:

EMAIL:

PLANT OR CULTIVAR NAME:

DATE PHOTO TAKEN:

NAME OF GROWER:

ENTRY NUMBER (1 to 3):

CATEGORY ENTERED: X relevant box	Miniata		Pendulous species	
Interspecifics	Habitat		Single flower	
Other				
Flash drive	CD-R		Email	



New Zealand – December 2016 – a few pictures

By Joubert van Wyk



Alick McLeman





Diana Holt





Rex and
Deidre Williams





CLIVIA BREEDING

Keeping your *Clivia* collection numbers under control: Culling and the name game

By Sean Chubb

All of us keep too many *Clivia* plants, many of which are in our collections for the wrong reasons. We keep “named” plants from well-known strains, which are probably not the best when compared to some of the best in the strain. Remember, do not keep names, keep individuals within the strain. This is where a lot of beginners run into problems. Do not place too much attention on the name of the *Clivia* and be completely blind to weaknesses and imperfections.

When selecting *Clivia* plants for breeding, breed the best with the best and cull the rest. Cull ruthlessly! By culling I mean: do not include them in your breeding program. It is better to breed fewer good quality *Clivia* plants than to mass produce. Don't be caught in the Name Game – cull with purpose.

INDIVIDUALS OR BLOODLINES: It's true that the breeder should base his judgment on the individual quality, but as important as the individual is, the breeder should also base his selection on the quality of the strain that the individual came from – good, bad or indifferent. The stricter a breeder is in culling, the better the strain will be and the strain will improve every year.

Each generation should be an improvement on the last one. When breeding you need to eliminate all plants except the best of your

collection. This is not to say that you can't keep them in your collection, just don't breed with them. As long as your “Breeding Plan for Improvement” is basically sound, each fresh generation of seedlings to flower should be an improvement on that which preceded them, which is the way it should be.

As a breeder, you must know that there is a close association between individual quality and the quality of the strain. This is important as the qualities of that *Clivia* and its bloodline are transmitted to future offspring. Individual excellence is a good guide to the quality of your strain.

CULLING AND HEALTH: Culling for defects and imperfections is important, but let's not forget that good health and a strong constitutional vigor is even more important. Weaknesses come in all forms and a breeding strain is only as strong as its weakest link. If the breeding stock is weak or unhealthy, the offspring will inherit these defects.

Proper care and management, together with a disease prevention program go a long way towards the improvement of a collection. Even if you have the best *Clivia* around, if they're not cared for properly they will not produce the offspring you are looking for. Extremely healthy and well cared for breeding plants are what you need to be successful. ▼

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SEE INSIDE BACK FOR CONTACT DETAILS.

Breeding with 'Star Green': Our first results

By Carrie Krüger of *Utopia Clivias*

We have been working with 'Star Green', both as a pollen and pod parent. Many of the progeny have yet to flower. Not knowing the exact genetic makeup of 'Star Green', we decided on various experimental crosses.

Some of these crosses have flowered in the past season or two and we would like to share them with the *Clivia* fraternity. It is important to realize that 'Star Green' is not a very fertile plant and to be successfully pollinated, this has to be done when the flower first opens. The pollen stays viable for a day or two only and you have to be observant so you can harvest the pollen as soon as the pollen sac opens. Thereafter the pollen becomes brittle, dry and unusable. The plant does not self-pollinate effectively, but in some instances a small number of seeds has set on some of the

self-pollinated plants. These are yet to flower. When we pollinated it with greens, for instance, 'Charl's Green' and 'TKO', the seedlings were all pigmented. A few of these flowered in 2015 and 2016. They ranged mostly from shades of burnt orange to good bronzes, with the typical white and lime green centre, unique to 'Star Green' and its siblings. See 'Star Green' x 'Charl's Green' and 'Star Green' x 'TKO'.

I believe that thrilling results will result from these F1s that now have been pollinated with each other, as well as back onto the mother plant and *vice versa*. This we will only come to observe in a few years' time, but we are certain that there should be a percentage of green stems in the seedlings, which were not present in any of the F1 crosses.

Another exciting cross that has flowered during the past two seasons was when 'Star



'Star Green' x 'Charl's Green'



'Star Green' x 'TKO'



F1 'Picotée' x 'Star Green' 2



'Tartan'



'Picotee' x 'Star Green'



'Star Green' x 'Vico Yellow' eded



'Star Green' original in flower 2016



'Star Green' sibling 1



'Star Green' sibling 2



'Star Green' sibling 3



'Star Green' original

Green' was used as the pollen parent on a picotee pattern-type interspecific. This cross yielded both pigmented and unpigmented seedlings. Two of the unpigmented seedlings have flowered with large yellow interspecific-type flowers.

Of the pigmented seedlings, two have flowered so far. One is a typical F2 interspecific, but with colours similar to 'Star Green'. We named this one 'Tartan Green'. The second one flowered last season and was a semi-picotee type flower with a touch of lime green in the centre. The flower looked more like a *miniata* flower.

We also flowered a cross made by Philip Crous namely ('Star Green' x 'Vico Yellow'). This flower was a versi-colour with dark red on the back of the tepals and a flower shape similar to 'Star Green'. It is an interesting plant to work with in the future.

As the original 'Star Green' has been in full flower this year, with a flower count of 19 flowers, I was able to place the pollen onto

most of its F1 progeny, as well as onto all the siblings that flowered. A few of the siblings of 'Star Green' flowered this season and they were pollinated with the original 'Star Green', as well as with some of the F1 crosses. They were also sibling crossed.

This season I pollinated 'Star Green' with a green '777' flower obtained from Pikkie Strumpher and which we named '777 Green Wizard'. I also pollinated some flowers with our 'Andrew Gibson' for some different results. We also put the best F1 pollen back onto some original 'Star Green' flowers. The seeds have taken well and we look forward to these crosses flowering in a few years' time.

I think an extremely exciting time is lying ahead with this beautiful and unusual plant. Occasionally, we have to take an F1 cross a step further, which is where we hope more beautiful and rarer coloured flowers may emerge. ▼



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RELATED

Clivia good, odd & ugly #6*By Connie & James Abel***“Until death do us part”**

This umbel with its impossibility of both berries and flowers demanded a double take at the Northern C C’s Clivia Show in September. The plant was entered by Corra and Dawie van Heerden and their daughter and

son-in-law Lizl and Johan Etsebeth. Every year this foursome brings a wonderful selection of *Clivia* to the Pretoria and Joburg shows, and they have received many awards. They show their plants under the name ‘Peragnitsan’,



Hebrew for “flower blossom”.

Thoughts inevitably drifted back to the first Clivia conference and show held at the Pretoria Botanic Gardens 22 years ago in 1994. The show was held under the trees in the parking area, with the exhibits on trestle tables, as is nicely shown in James Haxton’s photo. Plant sales were under the car ports on the right, and the conference and photo exhibition were held at the same time in the hall.

Since then *Clivia* breeding has produced extraordinary results. In parallel, there have been many improvements in the presentation of entries at the shows, now invariably held indoors. This has included the placing of plants on low stands so that they can be admired from all aspects, and it was the top-down view of berries and flowers together that astonished us! The side view explains all – this year’s umbel developed so close to its predecessor that the two became impossibly entangled, hence the name above, chosen by Corra.

Contributions to this series will be gratefully received at jcabel@absmail.co.za. ▼



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Three Clivia newsletters and a Yearbook in June are issued to
paid-up members each year.

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1. Australia: Pay to Lisa Fox in Australia: lisa.fox@gmail.com	US\$65.00 for 3 years or	US\$25.00
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6. RSA Club Treasurers: Pay to the Clivia Society	No reduced rate for 3 years membership	R150.00

Students and scholars pay only 50% of the above-mentioned membership fees.
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corgas@vodamail.co.za

Swedish couple visits *Clivia* Kingdom

By Sue Kloeck

The love of *Clivia* has definitely spread all around the world.

Clivia mania or rather the love of growing *Clivia* as a hobby has become a worldwide phenomena. All six species of *Clivia* are solely indigenous to South Africa, except for two which occur in Swaziland. Seeds and *Clivia* plants are sold and sent from South Africa to all corners of the globe to hobbyists and growers.

Clivia have found popularity all over the world since their discovery in the early 1800s. In the 1840s *Clivia* were taken to China by German missionaries and they were first introduced to Japan from Europe in the 1870s. It is astounding to find *Clivia* growers in a country that has such diverse temperatures ranging from -10 degrees to 40 degrees Celsius. Hence they have to be grown in glass greenhouses in which the temperatures can be regulated.

Leif and Lisbet Larsson recently visited *Clivia*

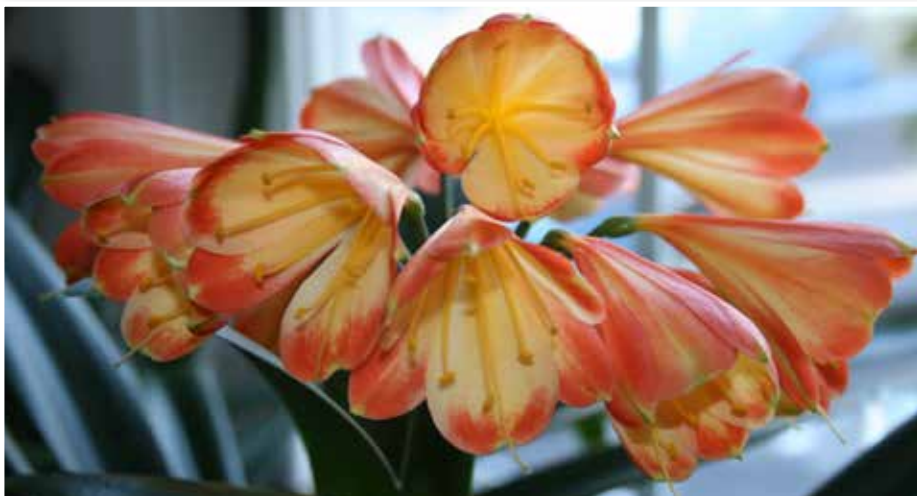
Kingdom, the nursery of Paul and Sue Kloeck near White River all the way from Malmo, Sweden. They were overwhelmed by the huge variety of *Clivia* colours and shapes available during the flowering season.

The history of their love of *Clivia* goes way back to Lisbet's parents, Alf and Ella Björck, who had received an orange *Clivia miniata* as a wedding gift some 79 years ago. This *Clivia* was highly cherished and looked after and produced many offsets. Some of the offsets from the original wedding gift have been split and given to other members of the Lund family as a house warming present or to celebrate their move into a new home.

After nearly 80 years the original plant continues to thrive and the offspring of that original *Clivia* are still being enjoyed by the family today and cherished as an heirloom. Some of the offsets have recently been taken to their holiday home in Spain. ▼



Larsson family with Paul Kloeck



(Orange x Yellow) x 'Dream' - seed from Nakamura - Photo by Michael Riska



'Reflex' *miniata* - Photo by John Hunter



'Gem's Morganite'
X 'Red' *Robusta*
Photo by John Hunter



K. Russell's 'Green Girl' x
'Green Dream'
Photo by Helen Marriott



'Lustrous' - Photo by Kerrie McElroy



Cyrtanthiflora Interspecific
Photo by John Hunter



'Four Marys' - Photo by Dawie van Heerden

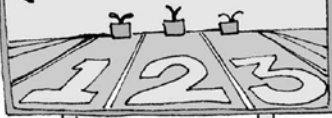
CLIVI-ARTA BY HELEN SANDERS

AT A LIVE BROADCAST OF THE VEGETATIVE INERTIA OLYMPICS...

EITHER
THE FREYCNINETIA
OR THE DORYANTHES
IS GOING TO WIN
THIS

WELCOME BACK TO COVERAGE
OF THE 'LAST TO FLOWER' EVENT...

UMMM...
SHOULDN'T WE BE
CHEERING FOR THE
CLIVIA??



GO FREYCNINETIA
GO BRO, GO!!

GO DORYANTHES
AUSSIE AUSSIE
OI OI!!



BUT DOES THE CLIVIA KNOW IT'S
THE SLOWEST WHO'S GOING TO WIN
- WHO'S THE COACH??!

WELL SURELY HE WOULDN'T
NEED MUCH COACHING FOR
GOING SLOW



... AND
IT'S LOOKING LIKE
A BRONZE MEDAL FOR SOUTH AFRICA
- THE CLIVIA'S ALREADY
DOING ANOTHER LEAF!!
GO FREYCNINETIA
GO BRO!!
GO DORYANTHES
AUSSIE AUSSIE
OI OI!!



©CLIVI-ARTA
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