



The Australasian Native Orchid Society The Warringah Group Inc.

Patron:
Mick Korzenowski

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COMMITTEE:	Judith Barry (Librarian), Jane D'Olier, Peter D'Olier, Cary Polis, Chris Murray.		
Web Administrator:	Jane D'Olier	Website: https://www.anoswarringah.org.au/	 Facebook: ANOS - The Warringah Group Inc
CORRESPONDENCE:	PO Box 421, Forestville NSW 2087		
Monthly Meetings:	3rd Tuesday each month at 8:00 pm - Senior Citizens Hall, Starkey Street, Forestville. NSW 2087		

August 2024



Dendrobium tetragonum Martin Davies



Bulbophyllum bowkettiae David Hemmings



Den. Greta Snow David Hemmings

Tuesday 20th August

“North Queensland orchids”

Erik Lielkajis

Minutes of the monthly meeting held at the Senior Citizens Hall, Starkey Street, Forestville on Tuesday, 16/07/24

Minutes of the monthly meeting held at the Senior Citizens Hall, Starkey Street, Forestville on Tuesday, 16/07/24

The meeting was opened at 8.08pm by President Bill Dobson.

Guest Speaker: No guest speaker tonight owing to the AGM.

Committee members present:

President Bill Dobson, Secretary Bill Saunderson, Treasurer Ela Kielich, Judith Barry, Cary Polis, Jane & Peter D'Olier, Chris Murray

Visitors: None detected

Apologies: Trish Peterson, Norm Eakins, Erik Lielkajis

The minutes of the previous meeting as published in the Bulletin were accepted as a true record on the motion of Ian Tanner, seconded by Ela Kielich.

The meeting was then suspended to allow the AGM to occur.

The minutes of the last AGM held on 18th July 2023 had been previously circulated and were accepted without discussion.

The Financial Report for 2023/2024 was tabled and made available for perusal by members present.

The President's Report: President Bill Dobson presented his report.

Election of Committee Members for 2024/2025

Mick Korzenowski, in his capacity of Returning Officer, declared all Committee positions vacant. Nomination forms had been duly completed and lodged with the Secretary. Mick called for nominations from the floor for each of the Committee office bearer positions and for ordinary members of the Committee. There were no nominations from the floor and accordingly Mick declared the following members elected:

President & Editor: Bill Dobson

Vice President: Trish Peterson & C-Editor

Secretary: Will Saunderson

Treasurer: Ela Kielich

Librarian: Judith Barry

Web Administrator: Jane D'Olier

Ordinary Committee Members:

The following current ordinary members of the Committee were re-elected:

Cary Polis, Peter D'Olier. Chris Murray was formally elected as an ordinary committee member.

Thus ended the AGM and the general meeting recommenced....

Correspondence:

- The allowable digital use of The Orchadian was detailed in a missive.
- Bendigo Bank and Commonwealth Bank invoices. A CWB cheque account statement was also received.
- Orchid News – OSNSW
- OSNSW sent details of their upcoming 90th anniversary event.
- Monthly bulletins from Manly Warringah Orchid Society, North Shore Orchid Society, ANOS Sydney, ANOS Newcastle, ANOS Canberra, ANOS Macarthur, WANOSG
- AOC invoice notice.

General Business:

- St. Ives Orchid Fair and Spring Show rosters were discussed and volunteer sheets passed around.
- The society display for the St. Ives Orchid Fair was outlined. Bill Dobson will attend the venue on Wednesday and bring various items to facilitate plant display. The actual display setup will occur on the following day, with the show opening on Friday.
- Richard Blaxland then gave a talk about the Show Sales Table as he is the supremo in this role. He stressed the requirement for all native orchids to be suitably tagged with ANOS tags and details of all plants offered to be recorded on the applicable sheet. Following some lamentable offerings being noted last year, all plants will be checked for quality prior to inclusion on the Sales Table.
- Bill Dobson is the person to see with regard to ANOS tags and sheets.
- The Society will sponsor one of the major prizes with a value of \$75.00.

Mick's Rambles:

Mick Korzenowski presented one of his usual very interesting chats in two parts. The first section discussed the crossing of *Den. monophyllum* with *Den. kingianum*. He then presented one of these very plants, which has been graced with the moniker of *Den. Kurani*. This plant was notable for its strong expression of the *monophyllum* parent. Other pairings with *Den. monophyllum* were alluded to, *D. speciosum* and *D. fleckeri* being mentioned here.

The second part of this presentation concerned a non-orchid. This plant was *Hibiscus insularis*, which is a rare plant found only on Phillip Island (located south of Norfolk Island). Due to the unfortunate introduction of rabbits and goats over 100 years ago, this plant was thought to be extinct. However two specimens were discovered on a rock face inaccessible to goats. This plant is amenable to propagation from cuttings but these offer no genetic variability. Apparently, no natural pollinators still exist on Phillip Island owing to the ravages of these feral animals.

Following this interesting and thought-provoking presentation, Bill Dobson discussed an example of *D. speciosum* var. *pedunculatum* that was brought in by a member. This plant was not overly healthy (but who of us really is?) and was deemed to be suffering the effects of too much wet weather coupled with the recent cold spell (just like the rest of us).

Judges Report:

Plant of the Evening:

Den. Autumn "Strawberry Sunset Shades" x Hilda Poxon Jaguar – David Hemmings presented this remarkable plant. Originally sourced from THG in a flask, this superb specimen had been grown for ten years.

Other Plants of Interest:

- *Dockrillia* Amphion Axios – another David Hemmings effort originally sourced from DUNO.
- *Den. tetragonum* – rounding up a not-so-unusual hat trick, David Hemmings presented this desirable plant.
- *Pterostylis curta* – Richard Blaxland was responsible for this exceptional terrestrial orchid.

Continues p.16

Exploring the Potassium Myth

This article was referenced from an article in the [American Orchid Society](#) 'Orchids' magazine. It's an interesting article that makes some observations about experiments with fertilisers and exotic orchids. Australian Native orchids were not used in his experiments, so make it what you will it's here to provoke some thought.

Rick Lockwood's groundbreaking 2013 study on orchid nutrition sheds light on the misconceptions surrounding potassium levels in orchid care. This research prompts many orchid enthusiasts to reconsider their fertilisation methods.

The Problem

Lockwood faced several challenges in growing orchids, including stunted growth, diseases, pests, poor root development, and plant death. His initial fertilisation regime followed the conventional NPK (Nitrogen, Phosphorus, Potassium) balance with added micronutrients, which did not resolve these issues.

Key Findings

Lockwood's research revealed crucial insights about orchid nutrition:

- **Natural Habitat:** Tropical orchids thrive in environments with low potassium levels relative to calcium and magnesium. Potassium is notably scarce in limestone lithophytic environments.
- **Bioaccumulation:** Orchids show higher potassium levels in plant tissues than those available from natural sources, indicating bioaccumulation and recycling.
- **Water Sources:** Natural water sources such as streams and rainwater have low potassium levels. Wild orchids rarely encounter high potassium concentrations.
- **Nutrient Uptake:** Excessive potassium can hinder the absorption of calcium and magnesium, which in turn reduces phosphate uptake.
- **Growth and Disease:** Imbalanced potassium/calcium/magnesium ratios can lead to stunted growth and increased disease susceptibility.
- **Fertiliser Suitability:** High-potassium fertilisers are more suitable for fast-growing annuals, not for slow-growing perennials like orchids.
- **Nutrient Reabsorption:** Epiphytic orchids reabsorb about half of their potassium during leaf senescence.
- **Ants' Role:** Ants may contribute to the nutrition of some epiphytic orchids.

- **Energy Requirement:** Orchids are efficient at potassium uptake and sequestration, but this process requires significant energy.

A New Fertilising Strategy

Lockwood developed a new fertilising approach based on nutrient ratios found in wild orchids compared to commercial fertilisers:

Wild Orchid Nutrients: Wild orchids generally have lower potassium levels relative to calcium and magnesium.

New Fertiliser Mix: He created a fertiliser mix by reducing the standard MSU fertiliser and adding calcium nitrate and magnesium sulphate. The total nitrogen input was reduced to 30-50 ppm, occasionally up to 100 ppm on warm sunny days. Between fertilisations, irrigation water was supplemented with calcium and magnesium.

Introducing "K-Lite"

Collaborating with other growers, Lockwood formulated "K-Lite," a nutrient mix with a ratio of 12-1-1-10-3 (N-P-K-Ca-Mg) at 100 ppm nitrogen in RO water. Lockwood personally used K-Lite at about 50 ppm nitrogen in soft water, resulting in a ratio of approximately 6-0.5-0.5-6-2.

For species from calcareous regions, he added aragonite aquarium sand to provide more calcium and maintain pH balance. Baskets were seeded with local live mosses to sustain suitable pH levels in the root zone over multiple growing seasons.

Growing Media and Potting Mix

Lockwood's findings on potting substrates emphasised the importance of cation exchange capacity:

Coconut Husk Chips (CHC): Highest cation exchange capacity, followed by fir bark and moss.

Potassium Concentrations: Keeping potassium levels lower than calcium and magnesium helps prevent "souring" of organic potting mixes.

Calcium Additions: Adding readily available calcium or dolomite extends the effective life of potting mixes.

Orchiata Bark: The dolomitic lime composting process used for Orchiata Bark contributes to its success as a potting material.

Observations Over Two Years

Although two years is a short timeframe, Lockwood observed significant improvements after adopting the new fertilising regime:

- Larger, stiffer, and shinier leaves
- Reduced issues with Erwinia, mealybugs, and scale
- Improved recovery in declining plants
- Better transition of seedlings from compots to individual pots
- Four plants received AOS quality awards
- Ant-favoured species like Gongoras and Coryanthes may need additional potassium during rapid growth periods.

Conclusion

Lockwood's study challenges traditional orchid fertilisation methods, advocating a more natural, ecology-based approach. Key takeaways include:

- Wild orchids experience lower potassium levels relative to calcium and magnesium compared to standard fertilisers.
- High potassium impedes calcium and magnesium uptake, essential for plant health.
- The "K-Lite" formula reduces potassium while increasing calcium and magnesium.
- Lower overall fertiliser concentration and frequency can be beneficial.
- Potting media affects nutrient availability; good cation exchange capacity and calcium/dolomite amendments help maintain nutrient balance.
- Initial results show improved plant health, stronger growth, and reduced pest and disease issues.
- Species-specific needs may vary, particularly during rapid growth periods.

Continued long-term observation and experimentation are essential for refining these practices. This approach represents a significant shift towards an ecology-based nutritional strategy for orchids.

Practical Tips for Home Gardeners

How can you increase your supplementation of magnesium and calcium to your orchid plants?

Commercially Available Options

Organic Orchid Fertiliser: Look for pre-made organic liquid fertilisers specifically formulated for orchids, which often include a balanced ratio of calcium and magnesium.

Cal-Mag Supplements: Some brands offer separate calcium and magnesium supplements that you can mix based on your needs.

DIY Options

Eggshell Tea (Calcium): Boil a handful of eggshells in a gallon of water for 30 minutes. Let it cool, strain, and dilute before applying (around 1/2 strength).

Magnesium Sulphate (Epsom Salts): Dissolve 1 teaspoon of Epsom salts per gallon of rainwater or RO water.

Mixing and Application:

Ratio: Aim for a 2:1 calcium to magnesium ratio. Adjust based on your specific needs and water analysis.

Implementation: Start with a weak solution and gradually increase concentration while monitoring plant response. Apply weekly, alternating with regular (low-potassium) fertiliser, and use calcium and magnesium-enriched water for regular irrigation.

Water Quality and Holistic Approach

Test your water to understand its baseline calcium and magnesium levels. Adjust supplementation as necessary.

Maintain a well-draining potting mix, appropriate watering practices, and a balanced fertilising regime to support healthy orchids. [Why not trying using coconut husks or fibre](#) as your preferred medium

Alternatives for Calcium

Calcitic Lime Water: Mix a teaspoon of calcitic lime to a gallon of rainwater or RO water. Let it sit for 24 hours, filter, and dilute before applying.

Crushed Oyster Shells: Add to potting mix for slow calcium release.

Final Note

Lockwood's article, though not peer-reviewed, offers valuable insights. As a scientist, Lockwood likely applied rigorous methods to his observations. However, readers should be aware that this work hasn't undergone formal peer review typical of academic publications.

References

Lockwood, R. (2013). "Orchid Nutrition: Debunking the Potassium Myth." Orchids Magazine.

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ANOS Warringah Monthly Benching Results - July 2024

1. Dockrillia species

- 1st Nil
2nd Nil
3rd Nil

2. Dendrobium species

- 1st *Dendrobium tetragonum* David Hemmings
2nd *Dendrobium speciosum* var *capricornicum*
‘Big Boy’ x ‘Autumn Snow’ Li Shan
3rd *Dendrobium tetragonum* Martin Davies

3. Sarcanthinae species

- 1st Nil
2nd Nil
3rd Nil

4. Bulbophyllum species

- 1st *Bulbophyllum bowkettiae* David Hemmings
2nd Nil
3rd Nil

5. Miscellaneous species

- 1st Nil
2nd Nil
3rd Nil

6. Dendrobium Hybrids

- 1st *Den.* Autumn ‘Strawberry Sunset Shades’ x
Hilda Poxon ‘Jaguar’ David Hemmings
2nd *Den.* Greta Snow David Hemmings
3rd *Den.* Hilda Poxon ‘Teresa’ G & S Russell

7. Sarcanthinae Hybrids

- 1st Nil
2nd Nil
3rd Nil

8. Miscellaneous Hybrids

- 1st Nil
2nd Nil
3rd Nil

9. Australasian species

- 1st *Mediocalcar decoratum* Li Shan
2nd *Dendrobium bracteosum* Cary Polis
3rd *Mediocalcar decoratum* Judith Barry

10. Australasian Hybrids

- 1st Nil
2nd Nil
3rd Nil

11. Novice & Junior

- 1st Nil
2nd Nil
3rd Nil

12. Pterostylis species

- 1st *Pterostylis curta* R. G. Blaxland
2nd *Pterostylis baptistii* R. G. Blaxland
3rd *Pterostylis curta* variegated Li Shan

13. Other terrestrials

- 1st Nil
2nd Nil
3rd Nil

14. Terrestrial hybrids

- 1st *Pterostylis* Nodding Grace R. G. Blaxland
2nd *Pterostylis* Nodding Grace R. G. Blaxland
3rd Nil

15. Best specimen

- 1st *Doc.* Tweetas ‘Neville’ x ‘Martin Gold’ David Hemmings
2nd *Doc.* Ampion Axios David Hemmings
3rd Nil

16. Best First Flowering seedling

- 1st *Den.* Hilda Poxon David Hemmings
2nd *Doc.* Tweetas ‘Red Lip’ x (Grey Ghost x Hot Coals) David Hemmings
3rd *Doc.* (Australian Freckles x Aussier Phil) x Grey Ghost David Hemmings
x Hot Coals)

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Dendrobium tetragonum David Hemmings

Diary Dates

August

- 16, 17, 18th St Ives Orchid Fair.
20th ANOS Warringah Monthly Meeting.
24, 25th ANOS Newcastle Spring Show.
24, 25th ANOS Central Coast Group Inc.
Spring Orchid Show, Narara Valley Nursery
31st Aug. 1st Sept ANOS Sydney Group Spring Show.
North Rocks Shopping Ctr, North Rocks Rd,
North Rocks 2151
31st Aug. 1st Sept Crescent Head Orchid Show.

September

- 7, 8th ANOS Warringah Group Spring Show.
14, 15th Central Coast Spring Orchid Show
Anglican Church Hall, Bateau Bay.
14th ANOS Macarthur Spring Show.
17th 20th ANOS Warringah Monthly Meeting
Members only Show – and
Joan Cook Memorial Trophy.

October

- 12, 13th ANOS Central Coast Group Inc.
Sarcophilus Show, Narara Valley Nursery.
15th Monthly Meeting – Members only
Sarcophilus Show - Iris Pendle Memorial Trophy.
19, 20th ANOS Sydney Group Sarcophilus Show.
North Rocks Shopping Centre,
North Rocks Road, North Rocks 2151
19th ANOS Macarthur Late Spring & Sarcophilus Show.
19, 20th ANOS Newcastle Late Spring & Sarcophilus
Show.

November

- 19th 20th ANOS Warringah Monthly Meeting.

December

- 17th Christmas Meeting & 60th Anniversary.

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ANOS The Warringah Group Inc. Annual Spring Show

Next month will be our Annual Spring Show and I urge you to take part by helping set-up the hall, benching plants, selling some of your surplus plants and helping out on the Saturday and Sunday of the show.

This is one of the premier native orchid shows in NSW and it is in no small part due to the work of our members. Get your plants, both benching and sales, ready and look out for any insects, keep watered, just damp in these dry conditions and be prepared to stake any pseudobulbs to get the inflorescences going the right way. Guard against slugs and snails with some judiciously placed snail bait. Don't forget to pick up some cards so you can make them out before the show.

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Australasian Native Orchid Society The WARRINGAH GROUP Inc.

48th Annual

Spring Show 2024

Saturday, 7th September 9 am - 4 pm

Sunday, 8th September 9 am - 3 pm

FORESTVILLE MEMORIAL HALL

Starkey Street, Forestville

ADMISSION \$5.00

Children under 14 years free

Native Orchid Species & Hybrids on Sale
All plants are checked for quality

Show Marshal
William B. Dobson
Phone: 0409 545 955

Ass. Show Marshal
Cary Polis
Phone: 0414 754 062

St Ives Orchid Fair 'The Big One'



ST IVES SHOWGROUND, Mona Vale Road, St Ives

Friday 16th August 2024 9 am to 4 pm

Saturday 17th August 2024 9 am to 4 pm

Sunday 18th August 2024 9 am to 3 pm

ADMISSION \$8

Major Sponsors

Rosella Orchids - Garden City Plastics

ORCHID VENDORS

Alice's Orchids, Barita Orchids, Dark Star Orchids, Ezi-Gro Orchids,
Fong Ping Orchids, Hills District Orchids, Kings Orchid Nursery,
Macquarie Native Orchids, Nicky's Slippers Orchid Care Services,
Orchid Species Plus, Orchids of Distinction, Orchids on Newbold,
Robertson Orchids, Rosella Orchids, The Orchid Mart /
Serhan's Orchids, Tinonee Orchids, Woolf Orchidculture

For more information: Show Marshal: Garrie Bromley Ph: 0425 336 049
<http://www.stivesorchidfair.com/>



In partnership with
Ku-ring-gai Council

In My Bushhouse

Well here we are with flowering season just around the corner and everywhere I see are buds. How well the season translates into the plants on the benches will have to be seen, but at the moment it looks like it will be a great year.

Funnily enough some plants have missed flowering altogether, and why that is I have no idea. Once again mother nature doing her own thing.

I have found some aphids in my bushhouse as well so I have a spray bottle with Pirimor® handy and ready to give a spray if noticed. This is the most important thing at this time of year, look at your plants, keep an eye on them. Aphids in particular give birth to live young and the mother is a breeding machine.

Start planning what you will be doing now for after the show when you should have plants back home and look at potting on or dividing. Make sure that you have plenty of 'supplies' on hand. Pots, potting mix, stakes, wire and importantly labels.

The rain could be a problem as flowers start to develop over the next month. I have been moving some that I think need protection up on to our deck. Be careful when doing this as sometimes it can have the reverse effect of what you want. You may cut down on sun and air movement. Usually wait until just before the flowers open.

Keep cleaning up any dead leaves and spent flowers to keep the bushhouse tidy.

I know that this may sound crazy with the weather that we have been having lately but keep an eye on your plants and don't let them dry out. They are under stress producing all those flowers and canes may tend to shrivel a little. I noticed today that not long after the rain came the paths and roads were dry with the wind blowing boisterously. a little fertilizer won't hurt as well.

Good growing Bill Dobson



Den. Autumn 'Strawberry Sunset Shades' x Hilda Poxon 'Jaguar'
David Hemmings



Den. Hilda Poxon 'Teresa' G & S Russell



Pterostylis Nodding Grace R. G. Blaxland



Medicalcar decoratum Li Shan

Extension to the Distribution of *Pinalia wallastonii*

(Ridl.) M. A. Clements & D. L. Jones

This epiphytic species has had many changes in name over the decades. It is best known in Australia as *Eria kingii*. Some of the more recognisable earlier names include *Eria Inornata*, *Eria moluccana* and *Hymeneria kingii*. Apparently this species has the common name of Gremlin Orchid. However, I have never heard anyone use that name. It is best known in Australia as simply: *Eria kingii*. This is the most appropriate name that the greater number of readers will be conversant with in their text books. Certainly to readers of the Rock Lily Rag.

History:

P. wallastonii has a wide distribution in Indonesia, Papua New Guinea and the associated island groups. In Australia, it is a reasonably common species. The historic distribution is from the tip of Cape York, then south to the vicinity of the Tully River. This encompasses just about all the Wet Tropics. It occurs from near sea level to around 1000 metres altitude. Personal observations have been made in the Tinaroo Hills and the western side of the Mt Lewis Range. In each sighting the orchid was growing on low rocks. One was in a damp creek bed and the other was very exposed and growing beside *Dendrobium speciosum* variety boreale.

Recent Observations:

In 2013, along with my mate Denis, we were visiting the Eungella region near Mackay, in Queensland. Our path was blocked by a huge rainforest emergent tree, which had toppled to ground. In the crown of that tree, we noted many specimens of native orchids representing *Dendrobium*, *Dockrillia*, *Liparis* and *Bulbophyllum* species. There were a few small plants that appeared very different. These were obviously seedlings of whatever species they were.

These young plants sure looked like an *Eria* species to us. However, we could not recall any *Eria* species being recorded so far south of the Wet Tropics; the estimated distance being about 450 kms. We were in the general area for several days and not a single plant of this strange type was seen anywhere else. It would have been ridiculous to leave these young plants there so they were retrieved. It made sense to save them in cultivation and establish what species they were when they next bloomed.

Unfortunately, the young ones did not take kindly to cultivation and the four plants died within months. This was particularly disappointing, as between us, we have vast experience in the culture of native orchids. We were left still wondering what this unknown orchid's identity was. In 2015, we again returned to Eungella in the hope of finding another specimen of this mysterious species. Two days of searching did not reveal another specimen. We went home empty handed.

In March 2017, a massive cyclone crossed the coast near Mackay in the form of Cyclone Debbie and she caused incredible destruction to the Mackay and Eungella regions. A few months later I decided to fly up and investigate the rubble in the hope of locating more specimens of this elusive *Eria* species. On my own this time. The chaos in the rainforests was just unbelievable. Mile after mile of devastation in terms of natural resources and civil infrastructure was highly evident.

I took on two trips, in June and July, and for two days each trip, I wormed through a massive tangle of giant trees and undergrowth in my quest. I succeeded in locating some 27 specimens of the unidentified *Eria*. These ranged in size from seedlings to mature clumps of a dozen bulbs. It was highly important to establish the range of bulb sizes and the general habit that this species had chosen to occupy.

The first fact established was obvious. This *Eria* only colonised the extreme canopy of what I would term as emergent rainforest giants. Preferred limb size averaged from 70 to 200 mms. None were seen growing in the thinner branchlets and twigs. None were seen on the main trunks either. Considering the amount of destroyed rainforest searched, it proved to be very elusive in the sites I investigated with great thoroughness.

I would have to classify this *Eria* species as rare. Specimens were healthy in all cases but there was no evidence of new racemes emerging. Old flower racemes were present. There was no evidence of split seed pods. I took a large number of photos of the in-situ plants so that a photographic record of the habitat could be established. Even if their habitat was now on the forest floor, rather than way up above in the canopy, the tree top leaves and mosses etc were in great condition. This allowed up close observations to be made.

All specimens were taken back to Sydney so they would not perish in the dark, sodden gloom of the rainforest floor, where nothing apart from ferns grows at all. It was a



paramount requirement to bloom these precious specimens. To ensure this, the vast majority of these plants were given to Mr Erik Lielkajis to grow. Erik is without doubt one of the finest growers of native orchids in Australia. He has unmatched experience in growing *Eria* and other species and I was confident that he would give his all to achieve success.

Erik delivered with great success indeed! He grew them in a variety of situations and succeeded in getting most of them established and thriving marvellously over the next seven years. One plant only had bloomed in the first year and it seemed that this unknown *Eria* was most likely going to be *Eria kingii*. Or to give it its most recent name: *Pinalia wallastonii*.

Despite Erik's success in getting them all to grow well, the plants refused to bloom again. That was until November 2023 – seven years later. A single specimen came into spike and when it was flowering at its very best – well, I had to destroy it for the purpose of preparing botanical specimens for the National Botanic Gardens Herbarium in Canberra. It hurt a lot to do so, but it is utterly crucial that permanent preserved specimens be deposited for posterity.

I doubt there has been an orchid that has had its photo taken more times than that sacrificed first blooming specimen. I presented the collection of pressed and alcohol pickled specimens to the Canberra institution in February 2024. Down the track, the powers that be will hopefully confirm that is indeed *Eria kingii* – or *Pinalia wollastonii*. I guess there is a chance that it just might be a new species or subspecies. Only time will reveal this.

Discussion:

At the very least, this *Eria* from Eungella is a massive extension of range for a species that was believed to occur no further south than the Tully River, between Townsville and Cairns. It just may prove to be sufficiently distinct for some botanist in the future to give it new botanical ranking.

Pinalia wollastonii has never been recorded in any of the well-known standard publications on Australian Native Orchids, as occurring at Eungella. Alick Dockrill's Australian Indigenous Orchids and David Jones' Complete Guide to Australian Native Orchids - 2021, state that *Pinalia wallastonii* (*Eria kingii*) only occurs as far south as the Tully region.

The plants from Eungella are living around 470 kms further south from the Tully region. All the specimens seen were growing at around 800 metres altitude. The Eungella region can suffer very cold winters with recorded temperatures as low as minus 8 Centigrade. Huge frosts in winter are common. It is just so strange that a species known only from the Wet Tropics could exist so far from its home range. It will be most interesting to see what the botanists make of this newly located population as the years pass by.

Acknowledgments:

I express my appreciation to the following people.

Denis my bush mate who has been beside me over a lifetime of tramping about the bush of Eastern Australia. We have shared campfire laughs and disasters on so many occasions.

Erik Lielkajis whose expertise and knowledge with the cultivation of the valuable plants, eventually led to the botanical specimens being created for future research.

Lachlan Copeland for advice on the preparation of botanical specimens.

Bill Dobson and Mick Korzenowski for numerous discussions and advice on many topics.

Gerry Walsh
rocklilyman@gmail.com







Specimen as found on fallen tree



Two examples of the variation in bulb shape.



YES! I reckon I look happy enough. My quest which had gone on for five years, was finally rewarded. Two driving trips: in 2013 & 2015. Plus 2 return flights after Cyclone Debbie in 2017. A big effort but what the hell - you gotta do more with your life than watch TV. And I hate golf . . . Amen!

The preceding is in the current edition of *The Orchadian*, journal of the Australasian Native Orchid Society - or ANOS for preference. It involves some work I've been researching and heavily involved in since 2013. A very important and massive extension in the distribution of an Australian Native Orchid species. This is a species which has suffered many name changes. Since this was published in the *Orchadian*, I have been informed that the name has changed again. I cannot locate where that snippet of information is in my crumbling email battlefield sorry Phil. Tried to find it for half an hour. Ultimately the readers of the *Rag* will know it only by the names used here. Gerry

Reproduced here with kind permission from the owner and author of the **Rock Lily Rag**

Text and photos by The Rock Lily Man Gerry Walsh



Den. Hilda Poxon 'Teresa' G & S Russell



Pterostylis baptistii R. G. Blaxland



Doc. Amphion Axios David Hemmings



Doc. Tweetas 'Neville' x 'Martin Gold' David Hemmings



Pterostylis curta R. G. Blaxland



Pterostylis baptistii R. G. Blaxland





Mingara Orchid Club Inc.
2024

Spring Fair & Show

Where: **Anglican Church,**
Brooke Ave, Bateau Bay.

When:

Saturday 14th September 9-4pm
Sunday 15th September 10-3pm

Plant Benching Friday 13th Sept. 10-1pm &

Judging will commence @ 2pm

Exotics and Australian Native Orchids on display
Judging by AOC and ANOS Judges

Vendors: **Kawana Gardens Nursery,**
Ivan's Orchids, Royale Orchids,
Bob Bishop (Bark), Susan's Succulents
and Mingara OC Members' Sales Table,
Mingara OC Pot Shop & Accessories.

◆ **Variety Stalls** ◆

BBQ, cold drinks, tea, coffee & cake available.

Contact us..... mingaraorchidclub.com.au

Facebook.... [Mingara Orchid Club](#) or Marie 0404041803

2024 Australian Native Orchid Show and Plant Sales
AT CRESCENT HEAD

Saturday August 31st
10am - 4pm

Sunday September 1st
10am - 2pm

ENTRY - Adults \$2, Children Free

Vendors

- Tony Blewitt Orchids • Down Under Native Orchids
- Chris' Native Orchids • Tinonee Orchid Nursery
- Manning Valley Orchids
(Jody Cutajar & Nathan Wagerman)
- Phena's Begonias • Bromiliads Aust.

At Crescent Head Community Hall
Baker Drive - Plenty of Off-Street Parking

For information please contact
Chris Price on
0417 624 077 or
cpr89230@bigpond.net.au

Woolgoolga District Orchid Society Inc.

2024 2-Day
Orchid Show & Workshop

Saturday October 5 & Sunday 6
Sat. 9.00am to 3.00pm Sun. 9.00am to 3.00pm

At WIIGULGA
SPORTS COMPLEX
Solitary Islands Way, Woolgoolga

- 7 World-renowned Speakers
- Cultural Advice
- Potting Demonstrations
- Participants invited to bring Orchids for our Show
- Sandwiches for Sale
- Coffee Shop onsite
- Admission \$2



Nurserymen's Orchids on Sale

For more information contact - woolgoolgaorchidsociety@gmail.com

continuation of minutes p.2

Lucky Door Prizes

Jim Hemmings and Tony Agrela were fortunate here

Raffle Prizes

George Hardy, Steve Dunstan, Cary Polis, Katherine Hsiao, Graeme Russell

In closing the meeting, Bill Dobson thanked everyone for their participation and wished all a safe journey home.

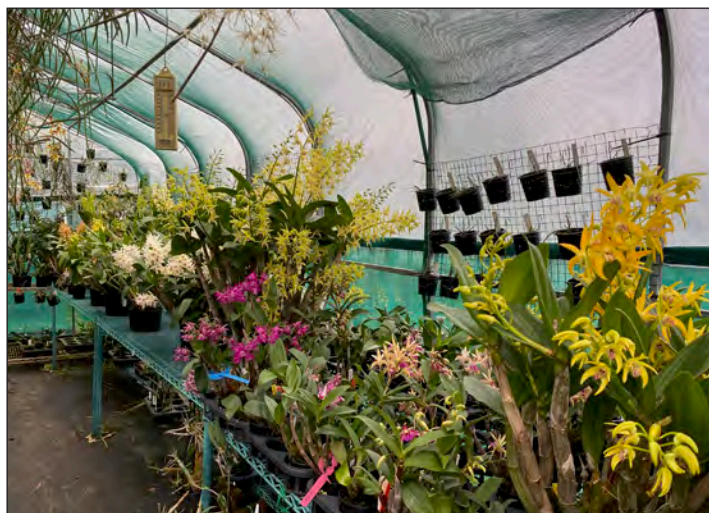
The Meeting closed at 9.20pm



Doc. Amphion Axios David Hemmings



Doc. Amphion Axios David Hemmings



Den. (Tyab Treasure x Stoney Point) x Australian Bride David Hemmings



Den. Autumn x Hilda Poxon David Hemmings



Den. Autumn x Hilda Poxon David Hemmings



Den. Brimbank Cosmic Uluru 'Melva' David Hemmings



Dendrobium cacatua David Hemmings



Den. Cosmic Gold 'Val' David Hemmings



Den. Cosmic Gold 'Val' David Hemmings



Den. Eclipse 'Roswitha' David Hemmings



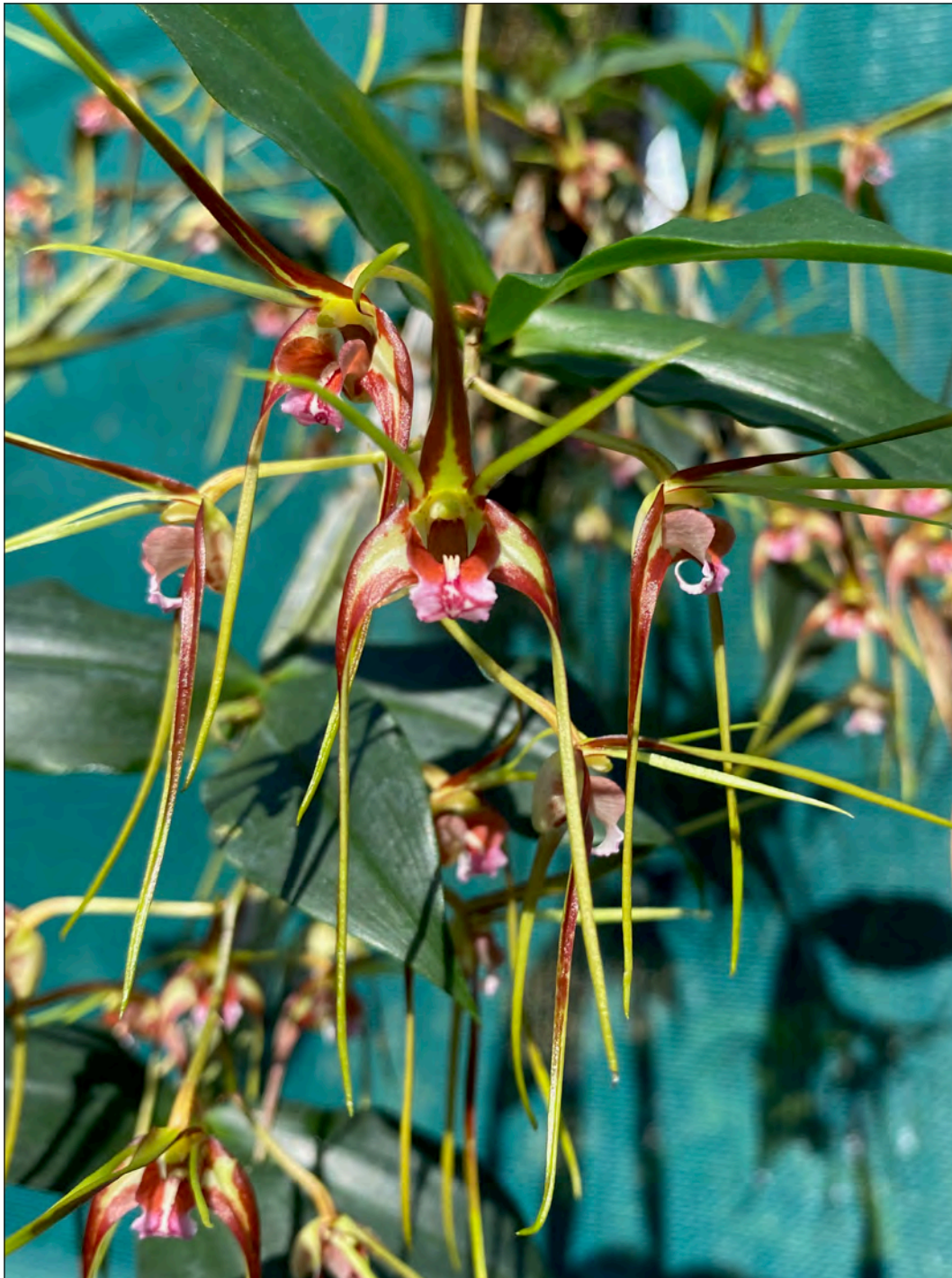
Den. Eclipse 'Roswitha' David Hemmings



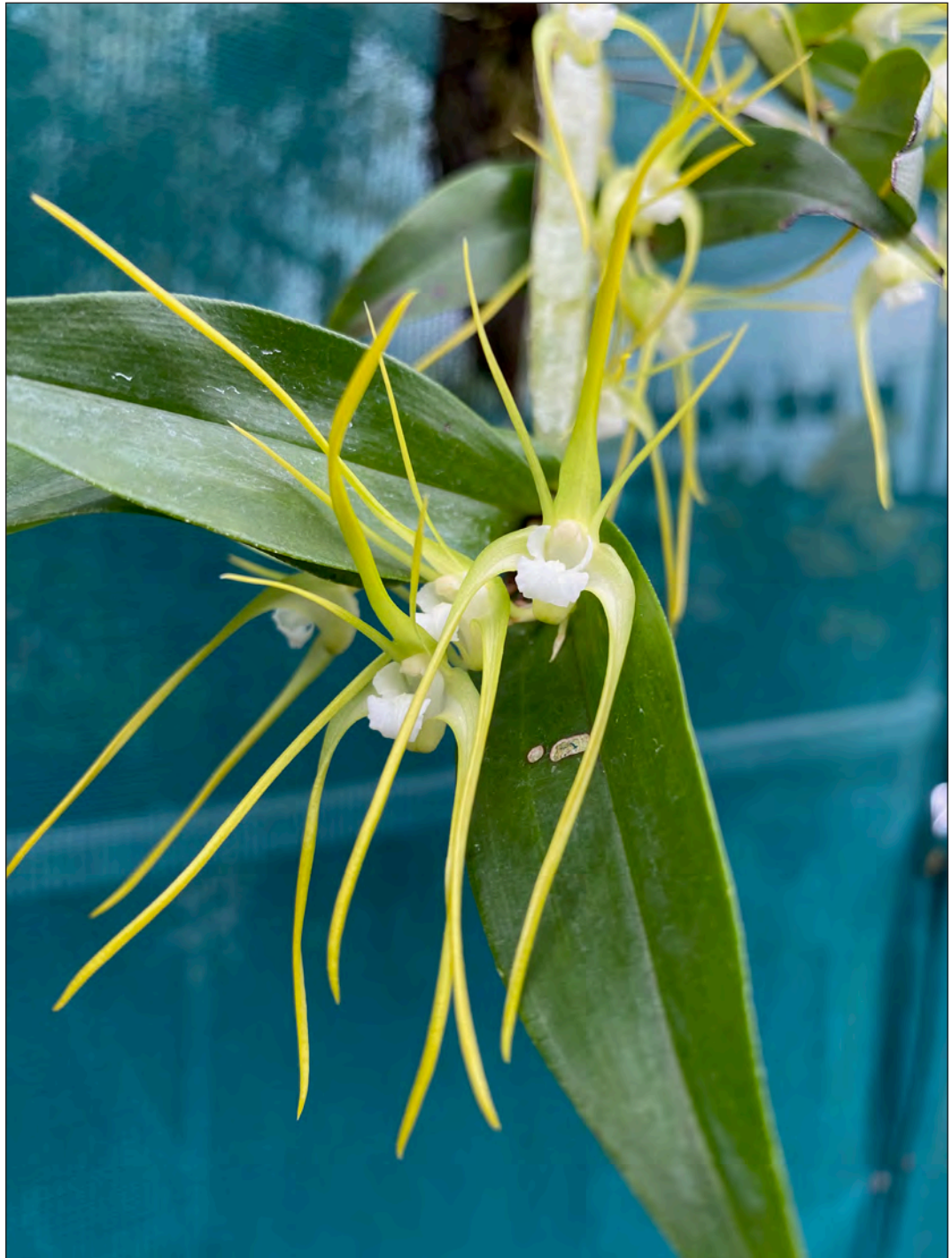
Den. Robbie McInnes 'Denistone' David Hemmings



Den. Robbies Sparkling River 'Denistone' David Hemmings



Dendrobium tetragonum I/V David Hemmings



Dendrobium cactus 'Mojito' David Hemmings



Doc. Deep Purple 'Deep Purple' AM/ANOS David Hemmings



Doc. Deep Purple 'Deep Purple' AM/ANOS David Hemmings



Doc. Australian Embers 'Denistone Embers' AM/ANOS David Hemmings



Dockrillia teretifolia 'Tassie Shane' David Hemmings

