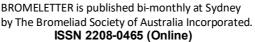
FOUNDED 196



BROMELETTER

THE OFFICIAL JOURNAL OF THE BROMELIAD SOCIETY OF AUSTRALIA INC.

bromeliad.org.au



Vol 57 No 4- July/August 2019.



Photo by Ian Hook

July 13 - Meeting - speaker: Community Gardens
AUGUST 10 - MINI SHOW Sat 9 - 3
Talks by PETER TRISTRAM
Federation Pavilion Castle Hill Showgrounds

Please bring a box for your purchases

<u>Material for Bromeletter</u> - address to: **editor@bromeliad.org.au**All other correspondence to:

The Secretary, Bromeliad Society of Australia Inc.,

P.O. Box 340, RYDE NSW 2112.

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Photo Front Cover
Portea Peteropolitiana var
extensa, Alma Park Zoo,
Brisbane, Ian Hook

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Plants, Pots, Labels etc Sales Ron Farrugia
Plant of the Month / Show Registrar Terence Davis

Show Co-ordinator/s Ian Hook / Terence Davis

Show Display Joy Clark
Publicity Officer Di Tulloch

Treasurer's Report

Treasurer Alan Mathew gave the following details

Operating Account to April 1, 2019:

 Opening cash at bank
 \$ 9 483.64

 Income:
 911.91

 Expenses
 2 208.41

 Bank Statement as at April 30, 2019:
 \$ 8 157.14

Operating Account to May 1 2019

 Opening cash at bank
 \$ 8 157.14

 Income:
 20 485.18

 Expenses
 12 882.36

 Closing cash at bank May 31, 2019
 \$ 15 759.96

WEBSITES

Bromeliads in Australia http://bromeliad.org.au Encyc of Bromeliads http://encyclopedia.florapix.nl/

BSI Cultivar Register http://registry.bsi.org/ Florida Council of Bromeliad Societies http://fcbs.org/

Bromeliario Imperialis http://imperialia.com.br/

Facebook users: search for the group 'Planet Bromeliad' & associated 'Planets & Moons' sub-groups for Bromeliad Enthusiasts.

July 13th - Speaker, 'Community Gardens'

10th AUGUST MINI -SHOW Sat 9 -3.Federation Pavilion TALKS & RAFFLES 10.30, 12.00, 1.30 (approx.)

PETER TRISTRAM will supply many plants as well as give three short information sessions

BRING A BOX FOR YOUR PURCHASES





Autumn Show May 2019











From top left, clockwise:

Tillandsia tectorum - Carolyn Bunnell

Tillandsia 'Tropifloraa'- Harold Kuan

Quesnelia 'Tim Plowman'- Sari

Kilpinen-Hughes

Part of 'Wall Display' - Joy Clark

Neoregelia mooreana - Kerry McNicol















Clockwise from top left: Ae. 'Fatso' (1st prize);

Ae. 'Fatso' (3rd prize);

Bill. 'Pink Champagne';

Bill. 'Kip';

Bill.' Golden Joy';

Ae. 'Xavante'; Bill. 'Moon Tiger'; Bill. 'Bubblz'











Clockwise from top <u>left:</u> Bill. 'Deliciosa'; Crypt. Bivittatus; Neo. mooreana Neo.'Marie' Neo 'Small Fry' Neo. 'Shamrock' Neo. guttata



Crypt ' Marian Oppenheimer





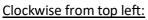












Neo 'Aurora'; Tillandsia duratii var saxitilus; Neo. 'Bullis' Margaret'; Neo. 'Big O'; Canistropsis seidelii var welteri;

Nid. 'Ruby Lee' variegated; Canistropsis billbergiodes 'Tutti Frutti'; Neo. smithii hybrid.













Clockwise from top left:
Till capillaris

Till. Tectorum (2nd) Vriesea 'Forrest'

Vriesea lubbersii





Neo. 'Harpo' Neo.'Blushing Zebra' Vriesea racinae

Till. Tectorum (3rd)













Clockwise from top left:

Neo. 'Enchantment' variegated

Quesnelia 'Tim Plowman' (1st)

> Canistrum triangulare

Quesnelia 'Tim Plowman' (3rd)

xSincoregelia 'Andromeda'

xNeolarium 'Something Special' Deuterocohonia brevifolia

Dyckia 'Red Planet'















Clockwise from top left: Sincorea ophiuroides;

'For Autumn'



'Autumn Fantasy'; Neo. 'Little Black Neo 'Lucifer'

'Shining Light'

Autumn Show Roundup

Once again we have had a most successful autumn Show! Thanks to the great Competition plants, wall display and sales plants, everyone was kept busy for the duration of the two days, but none of it would be possible without the tireless volunteers working both on the floor and behind the scenes! Those who helped setup; walked the floor to help visitors; manned the sales counter; sorted and collated sales tags for payment of sellers; organized snacks, meals and general refreshments for the workers; manned the pot/book sales table and raffles; carrying boxes to customers' cars and guite a few 'incidental' jobs as were needed to be done.

Thank You All!

Quesnelia 'Tim Plowman' & 'Rafael Oliveira'

Adapted from 'Bromeliad', Journal of the Brom Soc of NZ Jan 2014/March 2015

These plants are both *cultivars* of the species *Quesnelia marmorata*, one of the most popular early cultivated bromeliads, with its tubular shape and highly 'marmorated' or 'mottled markings. Until around 1965 it was known as *Aechmea marmorata* until learned people decided it fitted into the genus *Quesnelia*, because of it's flower.

The curly cultivar, *Quesnelia* 'Tim Plowman was collected from the wild in the 1970s in the Rio de Janeiro state. It is differentiated solely by the recurved leaf tips of each sheath, making it a very striking feature plant, especially in a col-





ony. It is surprisingly easy to grow in filtered bright light to full morning sun year round (if your 'curls' droop, you may need to be a bit tougher, giving it more light and less water and/or fertiliser). It grows well as an epiphyte on chunky bark, scoria or rocks, where it can gain a firm foothold. A single plant potted or mounted in early spring with slow release fertiliser. This pushes the plant to send out pups in the warmer months. Once a good clump is well established, cut back on the fertiliser.

Quesnelia 'Rafael Oliveira' is a variegated clone of *Quesnelia* 'Tim Plowman'.

This form was wild collected in 1995 by Rafael Oliveira de Faria in Rio de Janeiro state, Brazil. This plant grows similarly to 'Tim Plowman' but a little slower due to the lesser amount of chlorophyll in the leaves.

Again, water an fertiliser should be used carefully with these quesnelias as too much can cause the leaves to lose their 'curl' and look washed out diminishing their marmoration.

Both of these cultivars are highly prized and sought after, but are becoming more accessible in Australia.

Autumn Show Results

Pot	of Aechmea				<u>Folia</u>	age/variegated Bromeliad	
1st	'Fatso'	Haro	d Kuan		1st	Neo 'Blushing Zebra' Carolyn Bunnel	I
2nd	'Xavante	lan H	ook		2nd		
3rd	'Fatso'	Carol	yn Bun	nell	3rd	Neo. 'Enchantment' variegated	
	ergia Specime		•			Phillip La	
1st	"Pink Champ		Phillip	la		of Other Genera	
2nd	'Kip'	agiic		n Bunnell	1st	Ques. 'Tim Plowman'	
3rd	'Golden Joy;		Phillip			Elizabeth Mudriczki	
	ergia Colony		· ······p		2nd	Canistrum triangulare Kerry McNicol	
1st	'Moon Tiger'		Caroly	n Bunnell	3rd	Ques. 'Tim Plowman' Helga Nitschke	
2nd	'Bubblz'	Sar	-	n-Hughes		of Intergeneric	
3rd	'Deliciosa'		Phillip	_	1st	xSincoregelia 'Andromeda'	
Pot c	of Cryptanthus		•		21	Kerry McNicol	
1st	bivittatus		lan Ho	ok	2nd	xNeolarium 'Something Special'	
2nd	'Marian Oppe	nheime	r' Helg	a Nitschke	T	lan Hook	
Neor	egelia Species					restrial Bromeliad	
1st	mooreana		Kerry I	McNicol	1st	Deuterocohonia brevifolia Elizabeth Mudriczki	
2nd	'Marie'		Caroly	n Bunnell	2nd		
3rd	guttata	Sar	i Kilpine	n-Hughes	3rd	Sincorea ophiuroides Doug Binns Dyckia 'Red Planet' ian Hook	
Mini	ature Neoregel	<u>ia</u>				istic Arrangement	
1st	'Small Fry'		Caroly	n Bunnell	1st	'Autumn fantasy' Janet Kuan	
2nd	'Shamrock'		Caroly	n Bunnell	2nd		1
3rd	'Aurora'		Caroly	n Bunnell	3rd	'for Autumn' Christine Johnson	
Pot c	of Neoregelia H				Novi		
1st	'Bullis' Marga		-	McNicol	1st	Ques. 'Tim Plowman'	
2nd	<i>ʻsmithii</i> hybri	d	-	n Bunnell	130	Sari Kilpinen-Hughes	
3rd	'Big O'		Kerry I	McNicol	2nd	Neo. 'Little Black'	
	ılarium / Canist					Sari Kilpinen-Hughes	
1st	Can. seidelii va		-		3rd	Neo. 'Lucifer'	
2nd	Can. Billbergio					Sari Kilpinen-Hughes	
3rd	Nid. 'Ruby Lee		ated	Ian Hook	Gra	nd Champion	
11111 <u>a</u> 1st	ndsia Specimentectorum	<u> </u>	Caroly	n Bunnell		andsia tectorum Carolyn Bunnell	
2nd	'Tropiflora'		Harolo		Res	erve Champion	
3rd	duratii var sa	vitilic		McNicol	Tilla	ndsia 'Tropiflora' Harold Kuan	
	ndsia Colony	AICHIS	Kerry	VICIVICOI	Spec	cies Award	
1st	capillaris		Caroly	n Bunnell	Neor	regelia mooreana Kerry McNicol	
2nd	tectorum		Werne		Novi	ice Champion	
3rd	tectorum		David		Ques	snelia <i>'Tim Plowman'</i>	
Vries			David .			Sari Kilpinen-Hughes	
1st	'Forest'		Helga	Nitschke		tificate of Commendation	
2nd	lubbersii		ian Ho		Venu	ue Wall Display Joy Clark	
3rd	racinae		Harolo	_			

Plant of the Month Competition June 2019

Judge's & Members' Open Choice.

1st Neoregelia 'Garnish' Elizabeth

Mudriczki 2nd

Tillandsia 'Erik the Red' George Hardy

Novice Judge's Choice

1st Cryptanthus bahianus Ian Hook *Néoregelia* 'Garnish' 2nd Pamela Munro 3rd Tillandsia crocata

> 'Rutschman's Orange' Julie Evans

Novice Members' Choice

Tillandsia crocata

'Rutschman's Orange' Julie Evans 2nd Neoregelia 'Garnish' Pamela Munro 3rd Cryptanthus bahianus Ian Hook

Margaret Draddy Artistic Competition

'Wests' Carolyn Bunnell











Top: Neo. 'Garnish' Open Middle: Till. 'Erik the Red: Below: Neo., Garnish' Novice Below left: Till. Rutschman's

Orange'

Middle Left: Cryptanthus

Bahianus

Far left: 'Wests' Carolyn Bunnell





June meeting hosted a talk about **Lesser Known Genera** by the

President Ian Hook

One of those genera was

PORTEA

(Ref: Bromeliaceae Vol LII 2018)

Most collections in Australia have at least one species of *Portea* and many have more. There are eight species in the genus (*Taxon list 2018*)., four or five can be found relatively easily throughout Australia.

The genus is indigenous along the Atlantic coast of Brazil. First plants were discovered as early as 1826, but it wasn't till 1856 K.Kock, named the genus.

Portea mainly grow terrestrially in full sun on rocks or sandy formations along the coast (in habitat). They tend to be robust, medium to large size with broard stiff leaves with **large sharp spines**. In Australia they prefer a well-lit to part shade position rather than full sun. Higher humidity keeps them in good

tion rather than full sun. Higher humidity keeps them in goo

condition.

<u>Portea alatisepala</u> grows wellin shade or filtered sundeveloping a red tinge in more sun. The hot pink inflorescence stands erect above the plant withdisplaying its blue flower petals.

<u>Portea kermesina</u> originally classified as an Aechmea. tHis plant is somewhat cold-sensitive and needs dappled light. A medium sized plant with leaves forming a loose open rosette. The inflorence is club-shaped with vivid carmine bracts and light blue flowers.

Portea nana (below) is the smallest of the genus closely re-



lated to *P. kermesina* differing in its stoloniferous habit and smaller size. It comes from a mountainous region 500-600m, growing higher in the tallest branches and subject to dense fog Leaves

are yellow/green with spines along the edges.

<u>Portea peteropolitiana var extensa:</u> first collected as a large clump growing on roots in a mangrove swamp. Similar to *P. peterpolitiana* (not shown), it has longer more open inflorescence, growing to a metre withnarrow pale yellowish, green leaves. Theses leaves are less rigid withsmaller spines than other portea. The spectacular inflorescence adds a meter to the plant, giving a changing display from petals to berries for at least 9-12 months.



Ian Hook



We continue to attract new members into the Society and would like to welcome our most recent enthusiasts:

Gabriella Ruzek and Destry Sloane

If you would like to become a Member, please see details below.

MEMBERSHIP APPLICATION:

ANNUAL SUBSCRIPTION: Renewal is due 1st January for membership

year January to December.

Annual Membership (Single/Family): Australia A\$25 Overseas Membership: Asia/Pacific Zone A\$40.

Rest of the World A\$45.

New Membership requires a \$5 joining fee, plus Annual Subscription. (Those joining after our spring Show are covered for the following year.)

Note: Un-financial members must add \$5 rejoining fee when re-applying for membership.

Members will become 'un-financial' if renewals have not been received by the end of our Autumn Show.

MAIL ORDER PAYMENTS BY MASTERCARD/VISA. (Subject to A\$10.00 minimum.)

Members using Mastercard or Visa mail order facility should provide the following details, printed clearly in block letters, on a separate sheet of paper:

- Name and address of MEMBER.
- TYPE of card (Visa, Mastercard)
- CARDHOLDER name details, as shown on card.
- Mastercard/Visa number and expiry date.
- CARDHOLDER signature (essential).
- Payment details (membership renewal, book purchase, postage, etc.)
 with \$A amounts for each item.
- A 3% surcharge for this service will be made.

The subject of Quilling was mentioned at our June meeting, below is an article which may help

Quilling by Jerry Raack

reprinted from: BSI Journal - 1982 V32(6)

What's that, your bromeliad is growing up looking like a soda straw? It is probably the victim of what is commonly known as "quilling". Quilling is the cementing of the leaves together causing the plant to be very tubular in shape. It is generally caused by lack of good moisture while the plant is in an active growing period. I have found through my years of growing that certain genera are more susceptible to quilling than others. These genera are *Vriesea* and *Guzmania*. Rarely do Aechmeas quill, although I have had *A. racinae* var. *tubiformis* and *A.* 'Foster's Favorite' quill. Within the genus *Vriesea*, certain hybrids and species are notoriously consis-tent in quilling. Among these are *V.* × *morreniana*, *V. ensiformis*, and unfortunately *Vriesea* 'Viminalis Rex' ×



photo by Ross Little

V. hieroglyphica, which is a superb hybrid with nicely banded foliage and a fantastic, long lasting, branched, blood red inflorescence with, of course, yellow flowers. Within the genus Guzmania, the most likely to quill are G. Feurn, G. Fantasia, and occasionally G. Exodus. In addition other species of Guzmania and Vriesea will quill if grown very dry. Besides dry conditions, some plants, both species and hybrids, are more sus-ceptible because the leaves secrete a very sugary, sticky substance which, if not washed off regularly and thoroughly, causes the leaves to cement together. To prevent quilling then, one must maintain high humidity, or, quite regularly flush the plant with water to thoroughly wash it off. There is no better way to do this than in a long, hard summer rain, but that is not possible in the winter in the northern states. Therefore taking a plant to the shower with you may sound silly, but an equivalent bathing procedure is very beneficial. Bathing a bromeliad? Maybe it sounds crazy but it works not only to prevent quilling, but cures it. If you have a plant which has already quilled, take a mild liquid detergent or soap and put several drops into the tight center and fill with water to overflowing. Let this mixture remain for a half hour, then add more water to overflowing. This procedure should produce lots of suds. The soapy water will dissolve the hardened glue substance, and then with the gentle use of a flat but blunt object, such as a plant marker, the leaves may be loosened from the outer-most to the inner-most. Make sure after loosening the leaves that all traces of soap are flushed off the leaves with lots of water. This procedure leaves the plant clean and free to continue to grow by absorption of nutrients through, not only the roots, but the leaves as well. If you have quilling problems, or encounter them in the future, try my prevention and cure. It works!

Happy 102nd Bírthday Grace Goode OAM



Grace was born 23rd July 1917, at Nambour and has resided in and around the mid Queensland region most of her life. She always had a love of gardening, and by 1970 had discovered her love for bromeliad. Her mother gave her a plant later identified as *Billbergia pyramidalis var concolor*, when well into her 50's. She says her only regret is not discovering them earlier! She is most renowned for her hybridization of genera such as *Aechmea*, *Billbergia*, *Cryptanthus*, *Neoregelia and Vriesea*.

Grace travelled to conferences all over the world and became a very well known hybridist. She was awarded the Order of Australia Medal in the 2004 Australia Day awards, in recognition of her work with Bromeliads.

Grace was also a very accomplished rug maker, generously donating them to societies and conferences for fund raising. In 2015, Bromsmatta was lucky enough to have had a rug of Cooktown Orchids for auctionat our conference.

Thankyou & Happy Birthday from all bromeliad enthusiasts around Australia!



LITERATURE for Sale

http://www.bromeliad.org.au/Contacts/BSALibrarian.htm

TITLE	AUTHOR	PRICE
Bromeliads for the Contemporary Garden	Andrew Steens	\$20.00
Bromeliads: A Cultural Manual (Rev. ed. 2007)	BSI	\$ 6.00
Bromeliad Hybrids 1: Neoregelias	Margaret Paterson	\$25.00
Bromeliads Under the Mango Tree	John Catlan	\$10.00
Bromeliad Cultivation Notes	Lyn Hudson	\$10.00

Growing Bromeliads – 3rd Ed. by BSA IS BACK!.

(member price) \$20.00



SEED BANK

Thanks go to all those who have donated seed.

Seeds cost 50¢ per packet for Members and Seed Bank supporters (plus postage) or \$1 per packet (plus postage) for all other enquiries:

Enquiries for seeds should be directed to

Terry Davis (02) 9636 6114 or 0439 343 809

Below is the list of **some** of the *most recently* added seed to our Seed Bank. For a full list please go to *bromeliad.org.au*

Puya mirabilis	24.07.18	Ross Hutton
T. pruinosa	26.11.18	Chris Larson/Bob Hudson
T. fasciculata type (less than 30cm)	02.12.18	Kerry McNicol
T. fasciculata (pink multi-spike)	04.12.18	Jan Townsend
Racinae fraseri	18.02.19	Eileen Killingly
Till jucunda	04.19	Ian Hook

Seed has been moving quickly, especially the more recent additions.

SO if you have seed to donate please send it in or bring it to our next meeting.

What's ON

13th July - BSA Meeting - Federation Pavilion 'Community Gardens'

<u>Hunter Region Botanic Gardens</u> Orchid Fair 10.00a.m.

28th July - <u>Hills District Orchids</u> - Open Day Windsor Road Northmead 10th August - BSA Mini-Show - Plants and talks from Peter Tristram

9 a.m. - 3 p.m. Sales will be <u>suspended</u> during Information sessions and

raffles at approx., 10.30, 12.00 and 1.30

14th September - <u>BSA Meeting</u> - George Bell Pavilion 12th October - BSA Meeting - George Bell Pavilion



<u>Míní Bromeliad Fair</u>

10th August - Federation Pavilion
Castle Hill Showgrounds
Normal meeting suspended, Sales interspersed by
talks on bromeliads by
Peter Tristram

Free entry – and bring a box

There will be normal member sales and hourly raffle prizes as well as Peter's plants, which include rare and unusual Tillandsias, colourful Neos and spectacular Vrieseas.

Tea and coffee available.

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But, please, phone first.

Phone/Fax: (07) 5482 3308.

E-mail: wm_paterson@bigpond.com Also available

Bromeliad Hybrids. "For My Own Satisfaction" Book 1.

Neos. "For My Own Satisfaction"

Book 2. Crypt., Til., Vr., etc.

Books available on-line at

www.bromeliad-hybrids.com

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