



BROMELETTER

***THE OFFICIAL JOURNAL OF
THE BROMELIAD SOCIETY
OF AUSTRALIA INC.***

Issue: **Volume 52 Number 4 - July-August, 2014.**

CONTENTS

Management Details	2,3, 22, 23
Autumn Show report	4
<i>Bromsmatta</i> Update	5
Plant of the Month May, June	6, 7
Show & Tell –May, June	7, 8, 9
Plant Names & How They Got That Way.	10, 15
Photos	11,12,13,14
Article—Quesnelia	Don Beard 15, 17, 18
New Members	19
Treasurer's Report April / May	19
Autumn Show— <i>Full List of Prize Winners</i>	20, 21
Glossary of Terms	21
<i>Errata</i>	22
Seed Bank	23



BROMELETTER is published bi-monthly at Sydney
by
The Bromeliad Society of Australia Incorporated.

**Deadlines for articles: 15th of February, April, June,
August, October and December, To allow for pub-
lishing in the first week of March, May, July,
September, November and January.**

COMMITTEE

President	Ian Hook (ianook1@bigpond.com)	0408 202 269
Vice President (1)	Robyn Firth	02 4774 2332
Vice President (2)	Ron Farrugia	02 9533 2546
Secretary	Patricia Sharpley	02 4736 1778
Treasurer	Alan Mathew	02 9516 5976
Editor	Kerry McNicol	0439 998 049
Member	Helga Nitschje	02 9624 1528
Member	Gary Lock	02 9836 2801
Member	John Cornale	02 9823 0987
Member	Joe de Gabriel	02 4976 1409
Member	Eugene Morris	02 9743 6443
Membership Secretary	Kerry McNicol (membsec@bromeliad.org.au)	0439 998 049

BROMELIAD SOCIETIES AFFILIATED WITH THE BROMELIAD SOCIETY OF AUSTRALIA INC.

Bromeliad Society of Victoria.

The Secretary, P.O. Box 101, Darling. Vic. 3145

Caboolture & Districts Brom. Society Inc.,

The Secretary, P.O. Box 748, Caboolture Qld. 4510.

Cairns Bromeliad Society Inc .

The Secretary, P.O. Box 28, Cairns. Qld. 4870

Gold Coast Succulent & Brom. Society

The Secretary, P.O. Box 94, Southport B.C., Southport Qld. 4215.

The Hunter Bromeliad Society Inc.,

C/- 59 Barton St, Mayfield. NSW 2304.

Townsville Bromeliad Study Group,

C/- Mrs K Greenway, 10 Holstein Place, BLACK RIVER. Qld 4814.

Material for Bromeletter - address to:

e-mail: membsec@bromeliad.org.au

All other correspondence to:

The Secretary, Bromeliad Society of Australia Inc.,

P.O. Box 340, RYDE NSW 2112.

Please Note

BROMELIAD plants will be on sale at the Club from 12.30 p.m. before the monthly meeting.

MEETING VENUE AND TIME

**SECOND SATURDAY OF EACH MONTH AT THE
BURWOOD R. S. L. CLUB,
Cnr. Shaftesbury Road and Clifton Avenue, Burwood.
Meetings commence at 1.00 p.m.
in the First Floor Conference Rooms/Auditorium.**

**PLEASE NOTE: AFTERNOON TEA WILL BE ORGANISED BY THE
CATERING STAFF, NO FOOD IS TO BE BROUGHT INTO THE CLUB**

MEETINGS PROGRAM

**July 10, 2014 Ordinary Meeting & Show and Tell.
 Talk. Guest Speaker.**
**August 9, 2014 Ordinary Meeting & Show and Tell.
 Talk. Guest Speaker.**

EVENTS CALENDAR

Sept. 8-14, 2014 "Bromeliads in Paradise" Honolulu. Hawaii, USA.
Oct 18/19, 2014 BSA Spring Show, Burwood RSL. Club.

NO MEETING IN OCTOBER

**April 16-19, 2015. 18th Australasian Bromeliad Conference,
 Parramatta. NSW.**

Life Members:

Grace Goode O.A.M	Margaret Draddy
Bill Morris	Ron Farrugia
Ruby Ryde	Graham McFarlane
Keith Ryde	Eugene Morris
Andre Staelens	
Ken Woods	

BSA Website

www.bromeliad.org.au
president@bromeliad.org.au
President Ian's Mobile:
0408 202 269

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

Members using the Bankcard, 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.**
- **CARDHOLDER** name details, as shown on card.
- Bankcard/Mastercard/Visa number and expiry date.
- **CARDHOLDER** signature (essential).
- Payment details (membership renewal, book purchase, postage, etc.) with \$A amounts for each item.

AUTUMN SHOW

3rd—4th May

After a lot of frenetic activity during the set-up, our Autumn show was ready to go by 10.00am on Saturday.

As usual, the crowds kept us all busy until mid afternoon, when we found time to have a meal break (in shifts) and take a breath. We had many happy faces exiting the venue with boxes of beautifully grown bromeliads.

Thanks goes to all of those who lent a hand in the set up and break down of the Display and Sales area, as well as the tireless work of those making the show run seamlessly and without a hitch.

Generally, a great, if exhausting, weekend was had by all participants. Congratulations to the prize winners and many thanks to all who entered their plants to make it a successful event. Major prize winners are listed below. The full list appears on pp20,21 of this journal.

Thanks also needs to go to Terry Davis for his sizable donation towards the monetary prizes for the competition.

Prize Winners	Major Prizes	1st	2nd	3rd
Stephen & Laelia Astill		2	2	3
Carolyn Bunnell	Reserve Champion & Species Award	7	5	3
Joy Clark	Novice Champion	1	1	
Terry Davis	Grand Champion	3	5	6
Philip La		2	1	1
Kerry McNicol		1		
Helga Nitschke		1		
Werner Raff			1	
John Schembri		1		
David Scott			1	1
Jan & Jon Townsend				1

Photos p11. All photos of prize-winning plants could not be included, so at least 1 photo from each entrant has been included.

16TH–19TH
APRIL 2015

UPDATE

BROMSMATTA

18TH AUSTRALASIAN BROMELIAD CONFERENCE
The Novotel Parramatta

The Conference Registration form is now available on the web. Early discount available till Jan 31 2015
www.bromeliad.org.au then click Bromsmatta Conference 2015.

If paying by cheque, please make them payable to 'The Bromeliad Society of Australia'

Remember, this does NOT include accommodation at the Novotel. This should be arranged by you, bookings are now open. (02-9630-4999)

Conference Registration includes Welcome Cocktail Hour, Official Opening, morning teas, lunches, afternoon teas, Sunday Banquet and rare items auction, speaker sessions and proceedings book, as well as specialist plant sales, prior to public access, displays and competitions. An **optional extra** will be a tour of the **Botanic Gardens and Harbour Cruise Luncheon**, which can be booked separately. Partners of registrants may be included in the Tour and Banquet for an extra cost.

If you are unable to attend all four days, daily registration will be available subject to numbers, these will be known closer to the event.

Please check the BSA website for up to date details.

Sales: Only registrants are able to sell and those who apply to sell should have enough quality plants to cover 4 days of sales or alternately may wish to sell on the community table, where you can place up to 6 plants at any one time.

Planning is progressing and, as news becomes available, we will update on the website and in this section.

AS ALWAYS these things don't just happen, so please when the time comes, think about **VOLUNTEERING** for a job or two, as we get closer to the big event.

DONATIONS

As you are aware running a Conference is a very expensive exercise. All donations are greatly appreciated and will be acknowledged in this Journal.

Thank you **Margaret Draddy**
Bromeliad Society of South Australia
Cairns Bromeliad Society
Fraser Coast Bromeliad Society
Selga Boothby

Plant of the Month Competition

May 2014

Open

Judge's Choice.

1st	Neoregelia Mandarin Miss	Kerry McNicol
2nd	Tillandsia Eric Knoblock	Ken Woods
3rd	Tillandsia punctulata 'Red'	Sandra Southwell

Open

Members' Choice

1st	Neoregelia Mandarin Miss	Kerry McNicol
2nd	Neoregelia Gympie Perfection	Joe deGabriel
3rd	= Billbergia Curly Top	Joe deGabriel
	= Tillandsia Eric Knoblock	Ken Woods
	= Tillandsia punctulata 'Red'	Sandra Southwell
	= Vriesea cereicola	Ron Farrugia

Novice

Judge's Choice

1st	Neoregelia Chubby	Joy Clark
2nd	Aechmea disticantha x caudata	Joy Clark

Novice

Members' Choice

1st	Aechmea disticantha x caudata	Joy Clark
2nd	Neoregelia Chubby	Joy Clark

Margaret Draddy Artistic Competition.

1st	Space Station	Sandra Southwell
2nd	Girl on a Swing	Joe deGabriel
3rd	Study in Red	Joy Clark

See p12

PINEGROVE BROMELIAD NURSERY

Ross Little & Helen Clewett
 114 Pine Street, Wardell
 P O Box 385, Wardell NSW 2477
 Phone/Fax: (02) 6683 4188

E-mail
pinegrovebromeliads@bigpond.com



Plant of the Month Competition

June 2014

Open

1st
2nd
3rd

Judge's Choice

Billbergia Top Deck
Tillandsia Stricta
Neoregelia kautskyi

Robyn Firth
Ron Farrugia
Kerry McNicol

Open

1st
2nd
3rd

Members' Choice

Billbergia Top Deck
Neoregelia kautskyi
Tillandsia Stricta

Robyn Firth
Kerry McNicol
Ron Farrugia

Novice

1st
2nd
3rd

Judge's Choice

Neoregelia Blushing Tiger
Neoregelia Manoa Beauty
Neoregelia Cherry Supreme

Joy Clark
Kerry Boytell
Kerry Boytell

Novice

1st
2nd
3rd

Members' Choice

Neoregelia Blushing Tiger
Neoregelia Cherry Supreme
Neoregelia Grace Goode hyb

Joy Clark
Kerry Boytell
Kerry Boytell

Margaret Draddy Artistic Competition.

1st

Day of the Triffids

Joy Clark

See p13

SHOW AND TELL

MAY 2014

Ken Woods brought in quite a few *Tillandsia secunda* viviparous offsets to give to any members who would like them. He also brought in 3 plants for identification: two were *T. botterii* (was *tricolor*), a species; the third was one of the 62 identified forms of *T. fasciculata*, which one is unsure. Growers should be aware that *T. rodrigueziana* is very similar, however, the inflorescence branches stand perpendicular to the main spike stem.

John Cornale was deservedly proud, showing off his *T. utriculata*, which had a multi-branched spike heavily covered in flowers. It was noted that this species is *monocarpic* which means that it does not throw pups (or offsets). John commented that he was trying to work up the courage to cut the spike in order to get it to produce pups. He is VERY glad he brought the plant in before he took this step. He will now await seed for growing.

Bob Larnach brought in two groups of plants to show and hopefully encourage all to begin to get plants ready for competition at the Bromsmatta

Conference next year. Firstly were three plants from the grex *Vr. fosteriana* x *Vr. Mauve Monarch*. The 'glyphs' from the *fosteriana* have really shown through and are evident in the seedling batch.

The next group were *Neoregelia* hybrids: first *N. One and Only* an older hybrid made by **Grace Goode (OAM)** in 1991, but still a plant well worth growing; the next were two plants made from *N. Tangerine* x *One and Only*. This grex, known as **Homage** was made by Grant Groves. These two plants are *N. Reverence* and *N. Velvet Rose*. This latter plant was acquired from Grace Goode, who was disappointed with it as a 'weedy' seedling. But Bob recognised that the one parent was known for putting out grass-like adventitious pups, she gave some to Bob, and *N. Velvet Rose* was a result. For those wanting to show at the Conference next April, now is the time to begin preparing a few selected plants.

Meryl Thomas brought in a maroon plant which grows well in bright light and shade, though a little more elongated, which she would like identified. It has a pendant flower spike with orange berries. It was agreed that it was like *Ae. Foster's Favorite*, or perhaps even *Ae. Foster's Favorite Favorite*, which may have reverted.

Kerry McNicol brought in a small growing *Nidularium* which she has had for many years labelled 'orange flower from Brazil', which she now believes is called *Nidularium Orange Innocent*'. The flower bract is bright orange but she cannot grow one without spotting and damage to the tender leaves. Bob Larnach commented that some plants are affected not only by the strength of light, but also by the length of 'daylight hours' they are receiving. Leaves will begin to break down in shorter daylight hours. This also happens to other *Nidulariums* with darker leaves, such as *Nidularium Ruby Lee*.

The next plant was a large growing *Nidularium* which was incorrectly labelled 'Leprosi'. The plant is approximately 50cm across with red bracts and turquoise coloured petals. It is close, in size and looks, to *N. angustifolium*, but the flowers are not dark blue. No-one could identify it so more research has to be done. *After a good deal of investigation Kerry feels the plant is close to Nidularium viridipetalum as the flower seems to match more closely to the description. Comment would be gladly received. See p14 for photograph.*

Terry Davis brought in a selection of *Tillandsias*. He began with a clump of *T. crocata*, a clump of about a dozen plants which have grown from a single plant in 2006. Light and a little fertiliser will produce a nice clump with yellow, highly fragrant flowers. Next is a *T. exserta*, which isn't often seen. As it is sensitive to cold and low light conditions. It can be quite slow growing. Terry lost his large ones a few years ago in a cold cloudy winter. Next, a plant he received from Ken Woods, a hybrid called *T. Evelyn Riley* it has natural spots and was bred by Neville Ryan. He also had a *T. roezlii* from Ken. The next was *T. melanocrata*, the same plant he had brought in, which he grew in a pot and was quite large, but this one was mounted and was much smaller. The following were brought in just to show. *T. aff tenuifolia* secund form (growing to one side); *T. jacunda* in flower; *T. araujei* a select caulescent form (trailing);

T. latifolia var *divaricata* growing on monofilament (single strand) in this case fishing line. Terry also grows his tillandsias on cork, when he can get it, Mountain Ash/Tasmanian Oak. Ron uses camellia wood, when he prunes his bushes, which is very long lasting.

Michael Ferenczi brought in the same plant that Ron showed at the last meeting *T. kalmbacheri* x *mooreana*. This was smaller, but had much more colour, So Michael suggested they each have to work on the other aspect when growing this plant. It was also thought that this plant is the same as that which goes by the name *T. Samantha*. Michael's second plant was a *T. excelsa* in flower, which he finds shy to pup. His first plant flowered and died without setting seed or pups. He wondered if it may be self sterile. He hopes that he may get some seed or pups from this one.

SHOW AND TELL

JUNE 2014

Ian Hook Opened the meeting with a welcome to our new members present. He mentioned the journals from other societies which have been passed on to Graham, our Librarian, for those who wish to borrow them. Ian then gave a quick tour of our website 'Bromeliads in Australia'. 'Club News' shows links to many of the other societies and clubs in Australia. Also of interest is the 'Detective Derek' segment, and newly added is a simplified 'key' for identifying *Quesnelia*- printed later in this journal. Ian also brought in three seedlings that came up in Ken Wood's garden, then were grown on by Ian. The first, a stout looking plant with maroon leaf tips and yellow/red inflorescence which was grown in full sun. Ian will be registering this as *Ae. Ken Woods*. The next, a taller plant which may be *Ae. recurvata* x *Ae. disticantha* and the third, looked to be a similar plant to *Ae. Covata* (*Ae. Comata* x *Ae. Recurvata*), an attractive plant with globe shaped inflorescence with red bracts and bright yellow petals.

Caroline Bunnell brought in a dozen or more offsets of *Deuterocohnia lorentziana* for distribution to those who are interested in trying this species. Thank you Caroline. These plants can, over time grow into a large mound type colony called a 'polster'.

Peter Fitzgerald required identification of two plants. The first looked like *Aechmea gamosepala*, This could also be one of the *gamosepala* type plants. Flowering will confirm this. One possibility could be *Ae. kertesziae* which has mauve bracts and yellow flowers. The second plant looked like one of the many forms of *Neoregelia carolinae* hybrids.

Robyn Firth showed a flowering *Pitcairnia flammea* var *glabrior*. Robyn grows it with a shallow saucer under it to satisfy its need for water.

Ron Farrugia brought in a well grown plant of *Aechmea filicaulis*. This plant had been grown in a glass house. It was mature sized plant with a rich bronze-red glossy rosette of leaves about 30cm in diameter.

George Harvey showed us a maroon coloured *Bill. amoena* var *stoloniferous*, which has meandered through his garden. It hasn't overtaken it, but gives colour in shade with bright red bracts at this time of year.

Plant Names, and How They Got That Way

Reprinted From Hunter District Newsletter, June 2001;

In part, Bromelletter Nov/Dec, 2002, vol 40, No 6; FNCBSG March 2011.

The current binomial system of botanical names was developed by a Swedish botanist, Carl van Linne, better known as Carolus Linnaeus, in the 18th century. In this system each plant is given two names: **Genus** (comparable to an individual's family name), and **Species** (like the given name), often an adjective describing the plant. Plant names are written in Latin (well, sort of!).

Plant Latin is a rather curious mixture of classical Latin and Greek, words from several other languages, and names of men, women, or locations, usually given more-or-less Latinized endings.

If this person is male his name is latinized and will finish in 'i'.

eg: ***Tillandsia bergeri*** after A. Berger, a German succulents researcher.

If a person is female the name will usually finish with 'ae'.

eg: ***Neoregelia carolinae*** after Caroline, wife of Edward Morren.

If the epithet is geographically derived, it will usually terminate in 'ensis', 'insus', or 'icus'.

eg: ***Hectia guatemalensis***, occurring in Guatemala.

Among bromeliads more than half the genera are names for people or places; two, *Nanas* and *Puya*, are derived from native names of the plants and the rest are Latin or Greek descriptive terms.

Plant names are written genus first, followed by species - then sometimes by variety, subspecies, or forma. Sort of like, "Last name, first name, middle name last" on government paperwork. "Variety is seen frequently, "subspecies" and "forma", seldom.

That's simple enough, but we're not done yet! There are rules concerning capitalization, use of *italics*, and names of hybrids- not to mention bigenerics and cultivars. By the time you finish this, you should have a basic knowledge of botanical nomenclature (or maybe just a headache!). **Basic Rules**

Genus: First letter capitalized. Maybe abbreviated

Species: All lower case

Variety: All lower case, preceded by "v" or "var."

Subspecies: All lower case, preceded by "ssp."

Forma: All lower case, preceded by "forma"

Natural Hybrids: (Yes, there are a few of these) Given

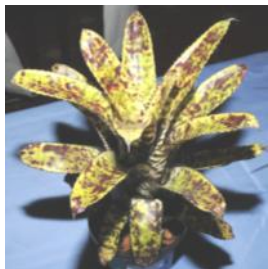
Latinized names, with the specific name [specific epithet] (all lower case) preceded by an "x". e.g. ***Tillandsia x smaliana***.

Bigenerics. Two cross-pollinated bromeliads of two different genera are given their own name made up from letters of the two parents' genera, preceded by an 'X' —

eg; a cross between a neoregelia and an orthophytum

(cont p15)

AUTUMN SHOW 2014



Grand Champion
Aechmea Piccaniny



Reserve Champion
Tillandsia lindenii
Caroline Bunnell



Novice Champion
Neoregelia Rosella
Joy Clark



Ae. Nigre-C.Bunnell



Bill. Carumba- Phillip La



Canistropsis burchellii- Helga
Nitschke



Neo. Purple Grape- John Schembri



T. tectorum
'Enano'-
Werner Raff



Neo. Sanguine Nights-
David Scott

Vr. Sherlette
Shiigi- J&J
Townsend



Anna's Extra- Stephen
& Laila Astill

PLANT OF THE MONTH - MAY 2014.



Neo. Mandarin Miss - 1st Judges & Members Open Kerry McNicol



T. Eric Knoblock- 2nd Judges, =3rd Members Open Ken Woods



T. punctulata - 3rd Judges & Members Open Sandra Southwell



Vr. Cereicola—=3rd Members Open Ron Farrugia



Neo. Gypsie Perfection- 2nd Members Open Joe deGabriel



Bill. Curly Top- =3rd Members. Open Joe deGabriel



Neo. Chubby- 1st Judges, 2nd Members Novice Joy Clark



Ae. disticantha x caudata 2nd Judges ,1st Members Novice Joy Clark

PLANT OF THE MONTH - JUNE 2014



Bill. Top Deck- 1st Judges & Members Open. Robyn Firth



Till. Stricta 2nd Judges
3rd Members
Open Ron Farrugia



Neo kautskyi 3rd Judges
2nd Members
Open Kerry McNicol



Neo.
Grace Goode
hyb
3rd Members.
Novice
Kerry Boytell



Neo. Blushing Tiger-
1st Judges & Members
Novice Joy Clark



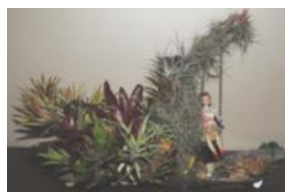
Neo. Manoa Beauty

Apologies, The photograph of Neo Cherry Supreme 3rd Judges, 2nd Members Novice Kerry Boytell, has gone missing.

MAY



1st- Space Station.
Sandra Southwell

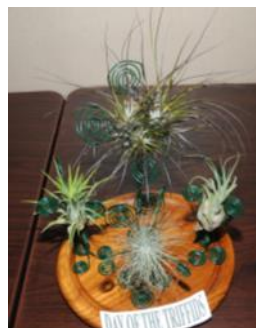


2nd- Girl on a Swing
Joe deGabriel



3rd- Study in Red
Joy Clark

JUNE



1st—Day of the Triffids
Joy Clark

M
A
R
G
A
R
E
T

D
R
A
D
D
Y

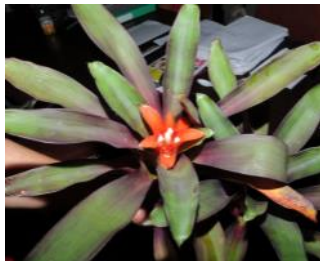
A
R
T
I
S
T
I
C

AUTUMN SHOW Display



SHOW AND TELL MAY/JUNE 2014

Nid. Orange Innocent



QUESNELIA

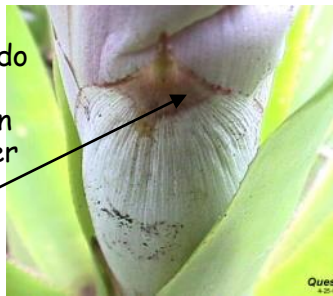
Nid.
viridipetalum
(unsure)



Floral
bracts
with
wavy
mar-
gins



Q.testudo
showing
spines
on the
lower
scape
leaves



Some Examples

Species = *Aechmea fasciata*, or *Ae. fasciata*

Variety = *Nidularium innocentii* var. *lineatum*

Subspecies = *Tillandsia schiediana* ssp. *glabrior*

Forma = *Tillandsia fuchsii* forma *gracilis*

Natural Hybrid = *Tillandsia* x *smalliana*

Bigeneric = X *Neophytum* 'Galactic Warrior'

Some horticulturally interesting (but insignificant) variations of species may be selected and given cultivar names. For example:

Aechmea lueddemanniana 'MEND', or *Aechmea* 'MEND

[or *Aechmea lueddemanniana* cv. MEND — Ed.] [Perhaps this was not the best example to have given because in this case the cultivar name, 'MEND' is written all in capitals, the name derived from:

M - Mildred Merkel

E - Edward Ensign who sowed the seed

N - Julian Nally who gave the seed to Ensign

D - in memory of Ralph Davis

Whereas the more usual form of writing the name would be: *Aechmea gamosepala* 'Lucky Stripes', or *Aechmea Lucky Stripes* (a sport of *Ae. gamosepala* with stable cream coloured margination, Ed.)

The name of the author who first described the species should be written after the specific name, and not in *italics*

e.g. Tillandsia gardneri Lind. . .

It's QUESNELIA flowering time.

Those exotic looking flowers are beginning to peek out of their cosy rosettes of leaves. It has long been a puzzle to me (editor), as to which one is which, when looking at *Q. quesneliana*, *Q. arvensis* and *Q. testudo*. I'm sure I have all three and **think** I know the difference, but until someone can actually **show** me which is which, I am still wondering. Below is a guide as to how to tell the difference. I wish you better luck than I have had!

Taken from FNCBSG Oct 2011 Written by Don Beard.

Only part of this extensive paper has been selected.

'General Description of Quesnelia

Quesnelias can range from 30cm to 200cm in height. They are *epiphytic, terrestrial, saxicolous and rupicolous*. *Q. quesneliana* can even exist in water-logged soils. Leaves occur in a great variety of rosette forms except *Q. marmorata* which has *distichous* leaves. Numbers of leaves vary from as few as four to as many as 40 +. Leaves are green for most species. Inflorescences simple and variable. Basal portion begins as an elongated *scape* either erect or pendulous and positioned centrally or laterally. *Indument* is variable on scapes and each type of bract. All

COLLECTORS' CORNER

BROMELIADS – a large colourful range of Bromeliads, both species and hybrids of many genera

Includes a very large range of Tillandsias.
A mail order list of Tillandsias is available upon request.

We also specialize in orchids, cacti, succulents, hoyas, bonsai and carnivorous plants, PLUS gems, fossils, natural history, books and much MORE!



810 Springvale Rd., Braeside
VIC 3195

PH: 03 9798 5845, FAX: 03 9706 3339

E-MAIL: sales@collectorscorner.com.au

WEBSITE: www.collectorscorner.com.au

Open 9am-5pm 7 days a week.

M. J. PATERSON

212 Sandy Creek Road,
GYMPIE QLD 4570

♣ Large Range of Bromeliads For Sale, especially our own hybrid *Neoregelias*, *Tillandsias*, *Cryptanthus* and *Vrieseas*
Do call in if you are up this way.

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

MIDHURST BROMELIAD NURSERY

Specialist Growers of Tillandsias

And Other Genera.

Hard grown to suit all Australian conditions.

Wholesale and Mail Order only.

**WRITE FOR FREE PRICE LISTS OF TILLANDSIA
AND OTHER GENERA TO:**

P.O. Box 612,

Hurstbridge, Vic. 3099

Phone: (03) 9718 2887.

Fax: (03) 9718 2760

FOREST DRIVE NURSERY

Prop: Peter Tristram.

C/- P.O. BOX 2, BONVILLE NSW, 2441

(a few miles south of Coffs Harbor.)

Specialising in SPECIES and VARIEGATES

from mostly imported stock.

TILLANDSIAS to titillate the most discerning fanciers.

Beautiful VRIESEAS (including 'silver' species).

GUZMANIAS, AECHMEAS, NEOREGELIAS, etc.

Visitors welcome—phone first: (02) 6655 4130 A.H.

Send S.A.E. for MAIL ORDER list of quality plants.

types of bracts are variable in colour, shape and size.

Hopefully Helpful Observations of *Quesnelia* Species

Q. arvensis, *Q. quesneliana* and *Q. testudo* are similar species and relatively difficult to tell apart. All have strobilate inflorescences with 'shocking' pink floral bracts. *Q. arvensis* has heavily textured dark green leaves with more pronounced spines than *Q. testudo*. *Q. arvensis* floral bracts have flat and uniform margins, and cobwebby indument. Fruit are violet when ripe.

Q. quesneliana has a flower head longer and thinner than the other two. Its floral bracts are elongated and wrinkled along the edges (wavy margins), the base with white woolly indument. Ripe fruit is rose to violet.

Q. testudo has spines on its lower scape (peduncle) bracts.

Q. lateralis develops its inflorescence laterally from the base. However this occurrence may be followed by a central flowering. The plant may develop a number of spikes. Ripe fruit is white.

Q. strobilispica can be distinguished from *Q. Lateralis* and *Q. seideliana* using the form and dimensions of the inflorescences, the colouration of the floral bracts and the number of flowers. Fruit when ripe is yellow - white with a persistent rosy calyx.

Q. seideliana is smaller than *Q. strobilispica* with a thinner scape, a smaller inflorescence, fewer flowers. Floral bracts and sepals yellowish. Petals are azure whitening toward base. The plant flowers from all shoots at the same time. Ripe fruit is whiteish. Rare.

Q. augusto-cobergii identified by a very distinctive usually pendulous inflorescence. Ripe fruits are red or yellow.

Q. liboniana. Inflorescence resembles a grass-head. Distinctive red sepals and purple petals which are white behind the sepals. Purple pistil. Ripe fruit red/orange. Grows by basal stolons.

Q. edmundoi. Looks like an aechmea.

Three varieties 1. var. *edmundoi*; floral bracts yellow/green, petals cream or yellow.

2. var. *rubrobracteata*; floral bracts red, petals lilac.

3. var. *intermedia*; floral bracts red, petals yellowish.

Each can also be distinguished by its floral appendages.

Q. marmorata is a tubular plant with distinctive distichous leaves, with a pattern of spots and sometimes light banding. Inflorescence is laxly branched with many flowers. Floral bracts are minute. Fruit orange and cylindrical. Propagates by short rhizomes.

Q. alvimii occurs as a distinctive tubular rosette. Leaves with squared off apices, and reflexed at an angle for the apical third of the leaf. Open cone shaped inflorescence. Pink primary and floral bracts, petals blue/purple, sepals pink.

Q. conquistensis is similar to *Q. arvensis*, *quesneliana* and *testudo* but with pale rose floral bracts, white petals and sepals. Flower head simple and densely cylindrical. Rare.

Q. dubia is minutely spinose. Small strobilate flower head with few flowers.

Floral bracts red, with green base and strongly convex. Sepals and petals white. Compare with *Hohenbergia*.

Q. humilis is the smallest of the quesnelias. Tubular rosette with dark purple sheaths. Flat topped flower cluster with few flowers. Floral bracts rose, sepals red/yellow, petals red/purple. Leaves slightly serrate.

Q. imbricata has a sub-cylindrical rosette. Inflorescence simple ellipsoid and sub-dense. Floral bracts rose, large at base of flower head small at apex. Sepals rose and mucronulate. Petals cherry red.

Q. indecora. Distinctly serrate elongate leaves. Flat topped inflorescence. Red floral bracts, pink sepals, mauve/purple petals. Clumps well.

Q. tillandsioides. Fine grassy or tillandsia type leaves. Open inflorescence with few flowers. Floral bracts brownish, sepals red, petals dark blue/purple.

Q. kautskyi is similar to *Q. strobilispica* but has narrow acute to acuminate floral bracts and crimson petals. *Q. strobilispica* has erect flowers and blue petals.

Q. koltessii similar to *Q. dubia* but with longer floral bracts and recurved light blue apex.

Q. violacea close to *Q. humilis* but with larger flowers, violet petals, white and woolly sepals, large red floral bracts.

Conclusions

The genus *Quesnelia* needs revision, along with many of the other Bromelioideae genera.

Enjoy both growing and collecting quesnelias for it will take some time for the botanists to reclassify the group. It is a worthwhile genus in which to indulge.

They are reasonably easy to grow, vigorous, and may need plenty of room.

Grow in bright light to full sun. Will tolerate low light.

The inflorescences, although generally short-lived, are spectacular. *Q. arvensis*, *quesneliana* and *testudo* are sometimes reluctant flowerers, but the end result is so magnificent, that this is a perfect case for inducement!

Editor's final note: after investigation of various plants brought in to our June meeting, which were thought to be examples of *Q. testudo*, *arvensis*, and *quesneliana*, it seems that even though there was some minor visual difference in the plants, under the microscope, **ALL seemed to be *Q. testudo*, having spines on the lower scape.. However, ALL floral bracts had wavy margins, keying to *quesneliana* . . . , and some had heavily textured dark green leaves with pronounced spines, like *Q. arvensis* . . . !**
Comments welcome.

Meet some new faces!



WELCOME TO NEW MEMBERS.

We continue to attract new members into the Society and we would like to welcome **Laura Zusters, Nancy Oakley, Sarah Collins, Sadie Martin, Paul & Marilyn Volkers, Karen Rivers, Ruth Perrot and Robert & Ann Maclay** who joined in May, and **Grant Tychonenko, Michael Litherand and Susan Warren** who joined in June. and are the latest to come to admire, enjoy and learn about the wonderful world of Bromeliads.

Treasurer's Report

Treasurer Alan Mathew gave the following details regarding our :

Operating Account to April 30, 2014:

Brought Forward	\$9,334.64
Plus Income:	12,798.29
Less expenses	2,558.15
Bank Statement as at 30/04/2014	\$19,574.78;

Operating Account to May 31, 2014:

Brought Forward	\$19,574.78
Plus Income:	15,080.02
Less expenses	1,641.22
Bank Statement as at 31/06/2014	\$33,013.58

Please note: these totals include both Autumn Show and Conference receipts and expenses.

AUTUMN SHOW

Full list of results

Pot of Aechmea		
1 st	'Pickaniny'	Terry Davis
2 nd	<i>recurvata</i>	Terry Davis
3 rd	'Nigre'	Carolyn Bunnell
Billbergia Specimen		
1 st	'Pink Patches'	Philip La
2 nd	'Super Grace'	Carolyn Bunnell
3 rd	'Silver Sheen'	Carolyn Bunnell
Billbergia Colony		
1 st	'Caramba'	Philip La
2 nd	'Fascinator'	Philip La
3 rd	'Poquito Mas'	Philip La
Pot of Cryptanthus		
1 st	'Frosty Morn'	Stephen & Laila Astill
2 nd	<i>bivittatus</i>	Stephen & Laila Astill
3 rd	'Elaine'	Stephen & Laila Astill
Neoregelia Species		
1 st	'Marie'	Carolyn Bunnell
2 nd	<i>tarapotoensis</i>	Terry Davis
3 rd	<i>chlorosticta</i>	Terry Davis
Miniature Neoregelia		
1 st	'Marie'	Carolyn Bunnell
2 nd	'Shamrock'	Carolyn Bunnell
3 rd	'Engagement'	Terry Davis
Pot of Neoregelia Hybrid		
1 st	'Lambert's Pride'	Carolyn Bunnell
2 nd	'Sanguine Nights'	David Scott
3 rd	'Golden Jewels'	Carolyn Bunnell
Nidularium/Canistropsis		
1 st	<i>Canistropsis burchellii</i>	Helga Nitschke
Tillandsia Specimen		
1 st	<i>duratii</i>	Carolyn Bunnell
2 nd	<i>ionantha</i> hybrid	Carolyn Bunnell
3 rd	<i>complanata</i>	Terry Davis
Tillandsia Colony		
1 st	<i>lindenii</i>	Carolyn Bunnell
2 nd	'Enano'	Werner Raff
3 rd	<i>tectorum</i>	Terry Davis
Vriesea		
1 st	<i>racinae</i>	Carolyn Bunnell
2 nd	<i>lubbersii</i>	Terry Davis
3 rd	'Sherlette Shiigi'	Jan & John Townsend
Foliage / Variegated Bromeliad		
1 st	Neoregelia 'Wally'	Carolyn Bunnell
2 nd	Neoregelia 'Blushing Zebra'	Carolyn Bunnell
3 rd	Neoregelia 'Meyendorffii'	David Scott
Pot of Other Genera		
1 st	Dyckia 'Renegade' F2	Terry Davis
2 nd	Quesnelia 'Tim Plowman'	Terry Davis
3 rd	<i>Catopsis morreniana</i>	Terry Davis
Pot of Intergeneric		
1 st	xNeophytum 'Galactic Warrior'	Kerry McNicol
2 nd	xNiduregelia 'Surprise'	Carolyn Bunnell

AUTUMN SHOW

Full list of results (continued)

Mounted Bromeliad	1 st <i>Neoregelia</i> 'Purple Grape'	John Schembri
Terrestrial Bromeliad	1 st <i>Dyckia</i> 'Keith Ryde'	Terry Davis
	2 nd <i>Dyckia</i> 'Little Red Devil' F2	Terry Davis
	3 rd <i>Dyckia</i> unknown	Terry Davis
Artistic Arrangement	1 st 'Annas Extra'	Stephen & Laila Astill
	2 nd 'China Town'	Stephen & Laila Astill
	3 rd 'Tropical'	Stephen & Laila Astill
Novice	1 st <i>Neoregelia</i> 'Rosella'	Joy Clark
	2 nd <i>Neoregelia</i> 'Touch the Heart'	Joy Clark
	3 rd <i>Cryptanthus</i> 'Michelle'	Stephen & Laila Astill
Grand Champion of Show	<i>Aechmea</i> 'Pickaniny'	Terry Davis
Reserve Champion	<i>Tillandsia lindenii</i>	Carolyn Bunnell
Species Award & Terry Davis Prize	<i>Tillandsia duratii</i>	Carolyn Bunnell
Novice Champion	<i>Neoregelia</i> 'Rosella'	Joy Clark

GLOSSARY of Terms used in this Journal

From FCBS website by Derek Butcher 2009

adventitious	produced in unusual or abnormal places	mucronulate	minute tooth-like point or tip
apices	the apex or top growing tips	polster	cushion
calyx	the outermost sepal of a flower	rupicolous	living among or growing on rocks
caulescent	having an evident leafy stem above the ground	saxicolous	growing on rocks
distichous	arranged in two ranks or rows	secund	one-sided
ellipsoid	elongated solid where all shapes are ellipses or circles	serrate	having sharp teeth pointing forward
grex	the group of offspring from a given cross	spinose	bearing spines or thorns
indument	a covering of hair	strobilate	in the shape of a cone
monocarpic	a plant flowering only once with no offsets	viviparous	germinating while still attached to parent plant

OFFICE - BEARERS:

Book Sales	Ian Hook
Librarian	Graham MacFarlane
Catering	Helga Nitschke; Lydia Hope
Raffle Sales	Peter Fitzgerald
Pots, Labels, etc - Sales	Ron Farrugia
Plant of the Month	Terence Davis
Show Registrar	Terence Davis
Show Co-Ordinator	Ian Hook; Terence Davis
Purchasing Officer	Robyn Firth
Show Display	Joy Clark

LITERATURE

<u>TITLE</u>	AUTHOR	PUBLICATION COST (\$A)
Growing Bromeliads - 3rd. Edition.	Bromeliad Society of Australia Inc.	\$10.00
Bromeliads for the Contemporary Garden.	Andrew Steens	\$35.00
Bromeliads, A Cultural Manual.(Rev.) Edition 2007)	BSI	\$5.00
Bromeliads- The Connoisseur's Guide, 2007.	Andrew Steens	\$20.00

For Mail Order delivery cost, please contact:

librarian@bromeliad.org.au

Or write to:

P.O. Box 340, Ryde. 2112

For the full list of Literature for sale, go to
<http://www.bromeliad.org.au/Contacts/BSALibrarian.htm>

ERRATA: In the April /May issue P9— Aechmea 'Morgan' should be 'Morgana'; Ae. Morgana (Bak) does have small spines, it is Ae. Primera which is spineless. Chester Skotak has developed some forms of spineless fasciata, but these may not be available.



SEED BANK

The Seed Bank provides a service to members of the Bromeliad Society of Australia, supporters of the Seed Bank and other interested enthusiasts, for the collection and distribution of all types of Bromeliad seeds from local and overseas sources.

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, for the time being, to

Terry Davis

(02) 9636 6114 Or 0439 343 809

The following Seeds are now available:

Aechmea rubens, *Aechmea warassii*, *Alcantarea geniculata*, *glaziouana* and *vinicolor*, *Guzmania sanguine* (Costa Rica form), *Till. balbisiana*, *Till. xfloridana*, *Till. Juncea*, *Till. foliosa*,

Till. ionantha, (Jan 2014), *Dy. encholirioides rubra* (Feb 2014), *Vriesea 'Uluru Sunset' x self or hybrid?* (May 2014 limited amount)

Thanks to Bob Hudson, Qld; Chris Larson, Maurice Kellett, Vic; Laurie Mountford, Werner Raff, Laurie Dorfor, Stan Olejnik and Terry Davis, Marilyn Heaps, NSW, for their valuable contributions to the Seed Bank.

Thank you, Supporters of the Seed Bank.

A continued supply of fresh seed is constantly required by the Seed Bank to ensure that the Bromeliad needs of tomorrow will be met.

MEMBERSHIP APPLICATION:

ANNUAL SUBSCRIPTION: Renewal due **January 1st** for membership year January to December.

Membership: Australia A\$20

Overseas Membership: Asia/Pacific Zone A\$30. Rest of the World A\$35.

New Membership requires a \$5 joining fee, plus Annual Subscription. (Those joining after October 1st 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.

**POSTAGE
PAID**

**PRINT
POST**
PP246537/00007



***If undelivered, return to:
Bromeliad Society of Australia
P.O. BOX 340, 2112
RYDE NSW
BROMELETTER
Print Post Approval
No. PP100001193.***