

March 2023

# LENSCOPE

PENINSULA CAMERA CLUB



Outing - Track Action Moto Ride  
Have a walk with - Trish

# LENSCOPE



PUBLISHER Peninsula Camera Club

EDITOR Martie Labuschagné

COVER PHOTO John Quixley -  
"Quiet Tune"  
February PDI - IOM



## SUGGESTIONS & ARTICLES

Please let us know what you want to see in your magazine. More articles? More images? More tutorials? More about the members? Please tell us. Send your news to the editor: [martie.lab@hotmail.com](mailto:martie.lab@hotmail.com)



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# President's Report



**W**elcome members and visitors to this month's Lenscope.

A reminder a General Meeting will be held on program night in March (23rd), and the MC would like to see as many members attend. The agenda will be sent out shortly, please ensure you read it.

We now have a supper roster, where we hope all members will help out at least once this year. All you have to do is buy a 2 litre milk and set up the supper then wash the cups afterwards. As you would have bought the milk the \$3 entrance fee you don't pay on the night, but do tell whoever is at the desk that you are doing supper. Biscuits etc are supplied by the MC, just let a MC member know if we are running short. We now have our supper after the judging or program night is completed. It appears that members are more willing to stay and talk to each other, which is a good thing.

Thank you to Anita (Outing Officer) for a great day out at Lakeside. Even though it was hot, members still came and enjoyed themselves.

Any ideas for an outing please see Anita or a MC Member.

On the Thursday evening between Judging and Program nights, we are having a zoom meeting, where a member can show how they edit an image. It can be Photoshop or Lightroom or any other medium. Any member wishing to share their knowledge please see a MC member. All aspects of image processing is great to learn about.

Once a month we have introduced "A Walk With ...." where a member will organise a shoot (it can be anything they like, eg sunrise, sunset, landscape etc) then after that we shall meet for a coffee and discuss the outing. If you wish to organise a "Walk With" please see any MC Member.

Members please remember, any ideas or concerns you have please see me or any other MC member so that we are able to discuss them.

Remember Peninsula Camera Club is a friendly and sociable club, so please make sure any new members or visitors are made welcome. I sit a new member or visitor next to a member so they are able to answer any questions about the club.

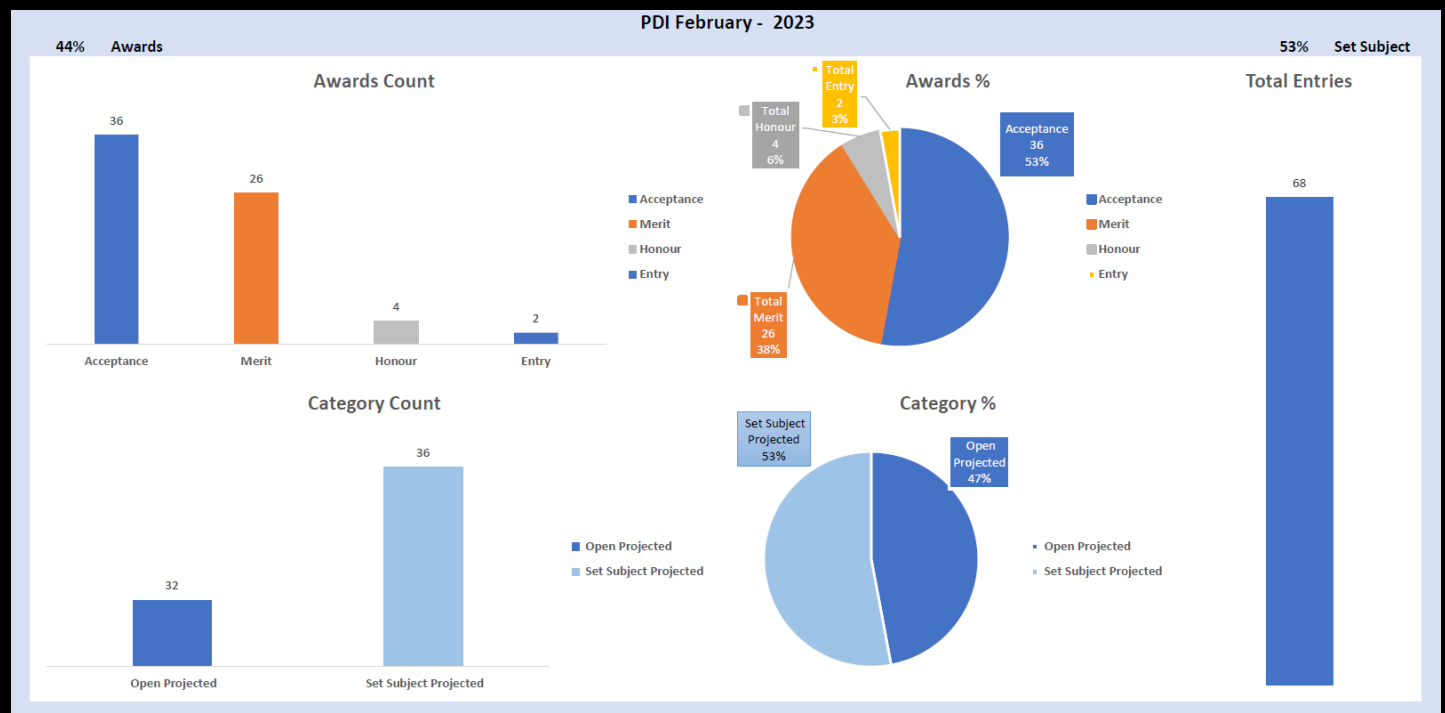
Regards

Jeanette Robertson  
President

# PDI Results

Date	2023-02-09
Judge	Dan Demmy-Geroe
Set Subject	Social Documentary

Competition	display_name	Title	Result
B Grade Set Subject Projected	Stefan Botczek	MumbaiShantyTown	Merit
AB Grade Set Subject Projected	Damira Jones	Disturbing The Peace	Merit
	Trish Wilson	Cambodian blessings	Merit
AB Grade Open Projected	Chris Landman	Rose Breasted Robin	Merit
		Singing Fan Tail Cuckoo	Merit
	Linda Landman	Juvenile Goshawk_	Merit
	Trish Wilson	Shornccliffe sunrise	Merit
A Grade Set Subject Projected	Jan Collings	The young conversation	Merit
	Jeanette Robertson	So Sad	Honour
	Joan Cheeseman	Harvest Time	Merit
	John Balaam	Aspiring view	Merit
	Michael Stefanini FAPS EFIAP PSQA	Welcome Back To The Age Of Jive	Merit
	Peter O'Brien FAPS EFIAP	Pretending Not to Notice	Merit
	Peter Simmonds	In School Hours	Merit
		In The Killing Fields After Rain	Merit
A Grade Open Projected	Anita Blaker	Winning	Merit
	Gerry Allen	Security	Merit
	Jeanne Balaam AAPS	Shoes No More	Merit
	Joan Cheeseman	Lunch	Merit
	John Quixley AAPS	Queens Beach Kitesurfer	Merit
		Quiet Tune	Honour
	Martie Labuschagne MAPS AFIAP	Challenge 3999	Honour
		Mating 1285	Merit
		Take off 1850	Merit
	Peter O'Brien FAPS EFIAP	Chloe Looking Away	Merit
		Low Flying	Merit
	Sharon Baker	Clifford	Merit
	Stephan Labuschagne MAPS AFIAP APSSA	Ready to play 6503	Merit
		Sliding around 4462	Honour
		Snack 5187	Merit

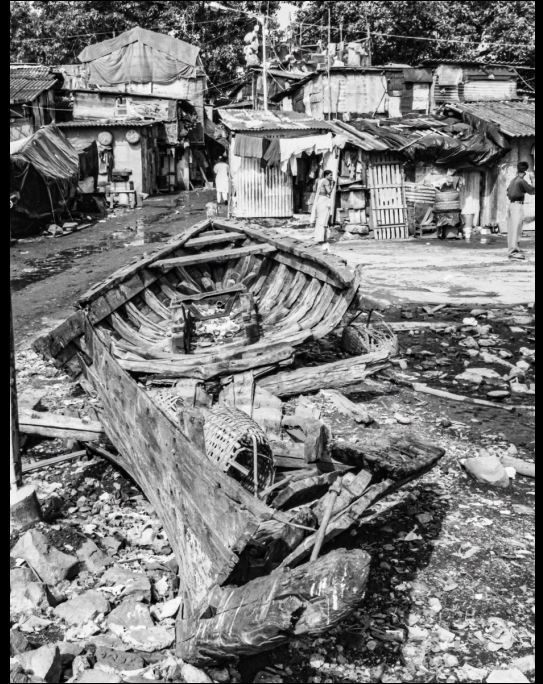


# PDI Results - Images

## Mumbai Shanty Town

B-Grade Set Subject - Merit

*By: Stefan Botczek*



## Cambodian Blessings

AB-Grade Set Subject - Merit

*By: Trish Wilson*

## Disturbing the Peace

AB-Grade Open - Merit

*By: Damira Jones*



# PDI Results - Images

**Rose Breasted Robin**  
AB-Grade Open - Merit  
*By: Chris Landman*



**Juvenile Goshawk**  
AB-Grade Open - Merit  
*By: Linda Landman*

**So Sad**  
A-Grade Set Subject - Honour  
*By: Jeanette Robertson*



# PDI Results - Images

Winning

A-Grade Open - Merit

*By: Anita Blaker*



Lunch

A-Grade Open - Merit

*By: Joan Cheeseman*

Clifford

A-Grade Open - Merit

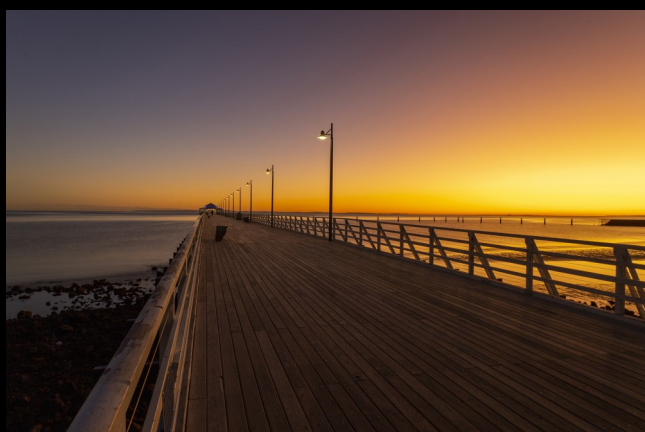
*By: Sharon Baker*





# Print Results - Images

Date	2023-02-09		
Judge	Dan Demmy-Geroe		
Set Subject	Social Documentary		
Competition	display_name	Title	Result
B Grade Open Prints	Damira Jones	Upstairs Downstairs	Merit
		Under The Opera House Sails	Merit
	Shaun Blake	A City Puddle	Honour
		Shorncliffe	Merit
A Grade Set Subject Prints	Michael Stefanini FAPS EFIAP PSQA	Lemon Migrant Butterfly	Merit
	Sharon Baker	Busking On Hosier Lane	Merit
A Grade Open Prints	Caryn Alner	View without a Room	Honour
		Sugarloaf Rock	Merit
		Crawley Boathouse no 2	Merit



**Shorncliffe**

B-Grade Open - Merit

*By: Shaun Blake*

**A City Puddle**

B-Grade Open - Honour

*By: Damira Jones*



# Print Results - Images



**Sugarloaf Rock**

A-Grade Open - Merit

*By: Caryn Alner*

**Buski On Hosier Lane**

A-Grade Set Subject - Merit

*By: Michael Stefanini*



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## Test Your Knowledge (Answers on Page 33)

1. Which was the first commercially successful make of camera to use 35mm film?
2. Astonishingly so, mankind began to show an interest in photography as long ago as 500 BC. What type of camera was described by several far sighted men at that time?
3. The word 'photography' comes from the Greek 'photos' and 'graphé', which literally means what?

# IMAGE of the Month **PDI**



Quiet Tune

A-Grade Open - Honour

*By: John Quixley*

Fujifilm XT-2

100 - 400mm f4.5 - 5.6

f/8, 1/2000sec ISO-1000

Over the years I have enjoyed watching & photographing these jetboats in action several times. They are very powerful, loud & fast. Typically they can accelerate from 0 to 120kph or more in under a couple of seconds & they maintain this high speed while the navigator guides the driver around a twisty & narrow course. It makes for potentially spectacular images. Occasionally there are spectacular spills as well.

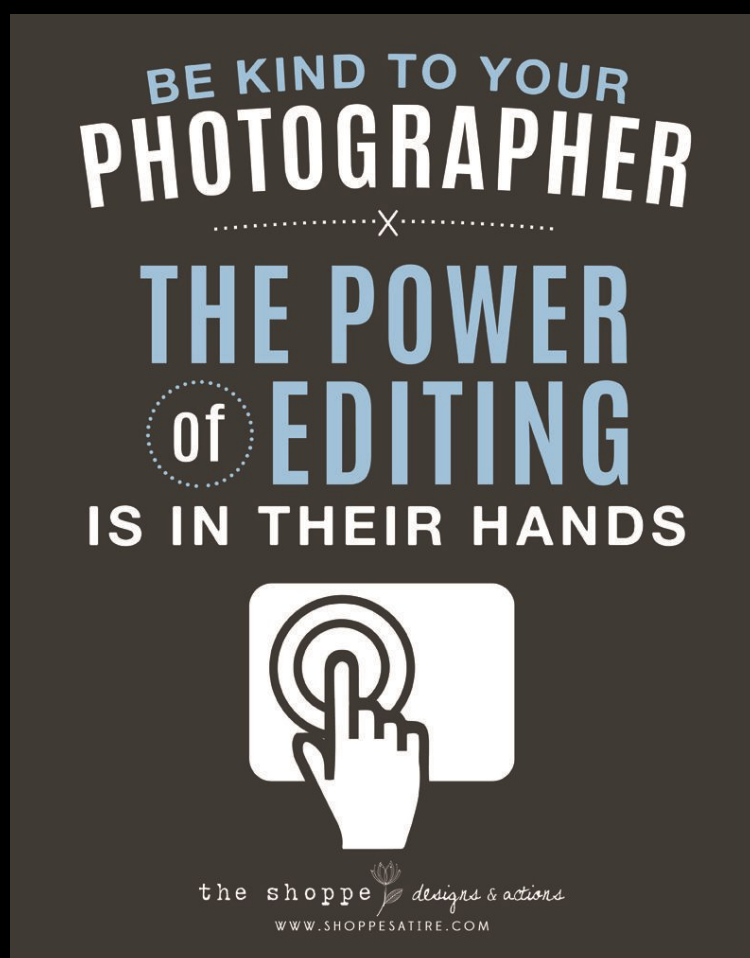
This image was captured at Round 1 of the 2022 Australian V8 Superboat Championship at Round Mountain Raceway at Cabarita, just across the NSW border.

This particular round is only a couple of hours away. More information can be found on the website [www.v8superboats.com.au](http://www.v8superboats.com.au)

# IMAGE of the Month PDI

Sometimes images of racing cars can easily look static, like they were parked, if the shutter speed is set too high and the wheels have no appearance of movement. In the case of these boats fast shutter speeds are imperative if you want to be able to freeze the action. There is plenty of evidence of movement provided by the mass of water behind the boat. Be prepared to face away if that water is being blown toward you. You might get wet but you don't want the spray on the front of your lens. Shooting in continuous mode is also of benefit as it gives more images at the peak of the action to select from.

What I like most about this particular image is that it has been captured at the peak of the action through the corner. with the background almost entirely obscured by the spray from the jet. At the same time the bright colour of the boat and the fact that we can clearly see the crew's faces, with the navigator providing hand signals for the next corner, help to make it appealing. (Often crews wear full face helmets & the direct human connection can easily be lost)



# IMAGE of the Month **Print**



**Room without a View**

A-Grade Set Subject - Honour

*By: Sharon Baker*

Canon EOS RP,

f/8, 1/750sec ISO-400

For those who have been to Camp Duckadang, this used to be the house on the T section when you turn right to go passed the creek crossing and then into Camp Duckadang. The plan was to go there to photograph the old house at night with the milky way. I was with other photographers and they called it the ghost house. But the house was gone, so the plan changed. The highset floor was still there. I had to stand on a log and hold my arm up high to get the camera to the floor level. Thank goodness that the view finder can be swivelled. It the only part of the house that I could reach. Note: Step ladder might come in handy. Although it was a cloudy morning when the photo was taken I have taken the liberty of toning down the exposure and using curves in Photoshop to be more selective to lighten and darken even more to give the moody look. Crop a lot of the foreground so that you get detail from the wood .

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## Joke of the Month

Why didn't the jury find the photographer guilty of his wife's murder?

They thought someone had framed him.

# Most APT Title



Pretending not to notice

*By: Peter O'Brien*



# Program Night - Focus

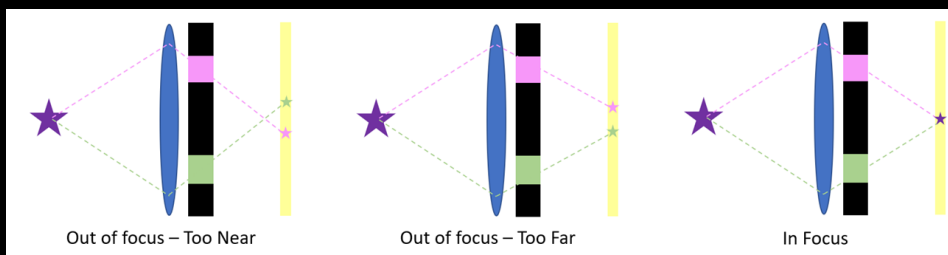
## The basic elements of photography

- ◇ Exposure
- ◇ Focus
- ◇ Composition

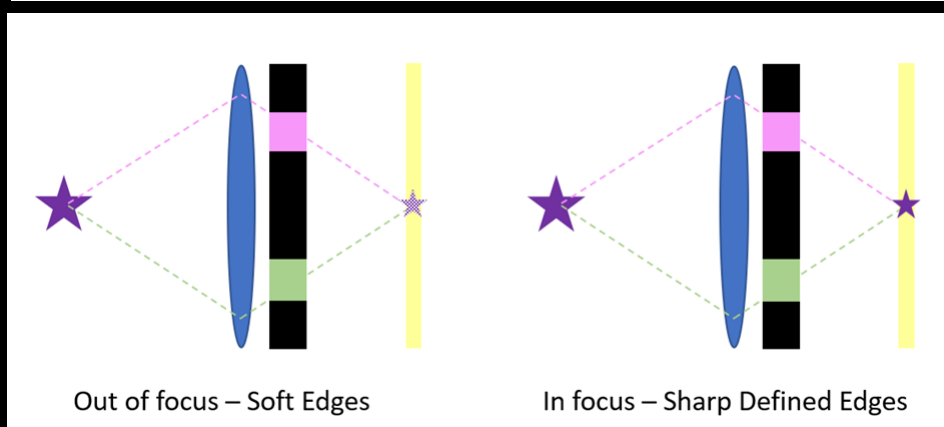


## What is Focus

In photography, focus is the **sharpest area of the image**. It is the area where the lens works to highlight an object, a person, or a situation. This area is located a certain distance in front of your camera lens, and spans horizontally, left to right across your frame



Phase detection AF



Contrast detection AF

[Microsoft PowerPoint - Photography basics - Focus \(myphotoclub.com.au\)](http://myphotoclub.com.au)

# Outings, Social Events & Teaching

Camera Club Outing February 12, 2023

## Track Action Moto Ride Days

Thank you Anita for a great morning at Lakeside

*Photo By: Anita Blaker*



*Photo By: Melisa Lehane*

*Photo By: Trish Wilson*



*Photo By: Sheila Crisp*



# Outings, Social Events & Teaching

Early morning workshop and coffee, “Have a Walk with” is our new monthly social event.



***Have a walk with Trish***

**When: Wednesday, 22<sup>nd</sup> February 2023, @5.00am**

**Where: Brighton Park – 596 Hornibrook Hwy, Brighton QLD**

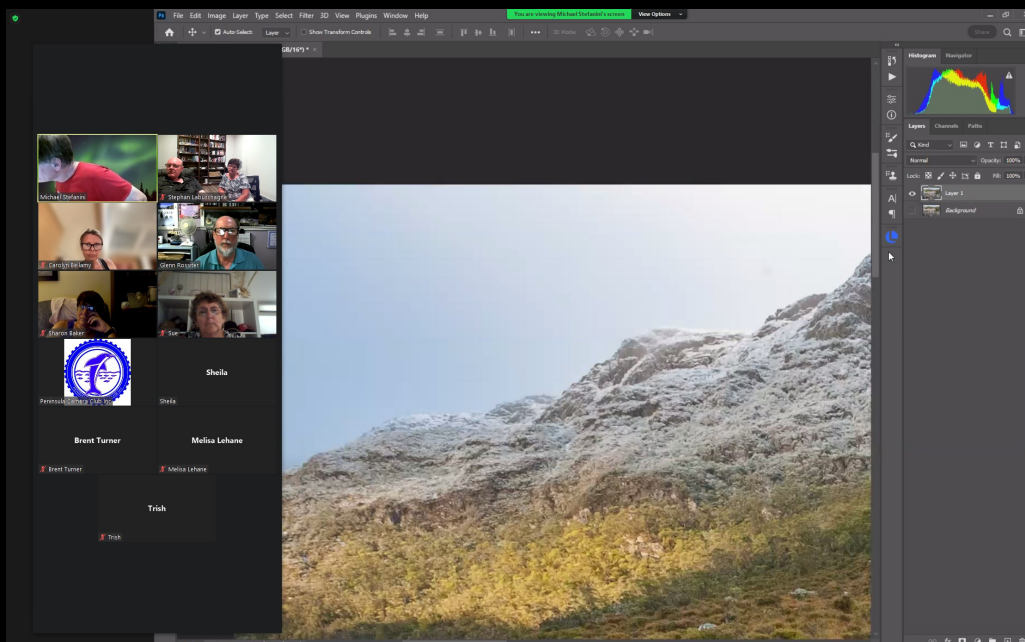
**What: Learn Long exposure and filters & enjoy the sunrise across the bay**

**Bring your Camera, Lens, Tripod, Filters, Torch and old shoes for walking in mud**

**Come and enjoy a morning of sunrise photography, learn about filters and lets have a coffee at Blume Coffee afterwards. <https://www.facebook.com/blume.brighton/> @blume.brighton**

Due to the bad weather on Wednesday 22 February the walk has been postponed to 1 March

## Let's Edit Together - with Michael Stefanini - Photoshop Editing via Zoom



Thanks to Michael for our first Let's edit together via Zoom, we look forward to the next session on Thursday 16 March. Details will follow soon.

If you have an idea of what to do or willing to present, please contact the MC. Any subject, any topic, any software and technique you wish to share is welcome.

# Outings, Social Events & Teaching

## PCC MARCH OUTING



**Place:** Mary Cairncross Scenic Reserve

**Date:** Saturday March 18<sup>th</sup>

**Time:** 4pm – late

Café is open until 5 if you want a drink/snack.

**Photography opportunities:** Macro/Birds/ICM/Rainforest/Landscape/Sunset/Possibly Astro depending on the weather.

**Parking:** on-site parking closes at 6pm so if staying for sunset/Astro we will need to move our cars to outside the gates.



### WELCOME

Mary Cairncross Scenic Reserve is a Sunshine Coast must-do. A treasured remnant of the rainforests that once covered much of the Blackall Range, the reserve is a living museum of diverse plant and animal life, including several rare and threatened species.

The 55-hectare Reserve has more than 2km of walking tracks and also offers one of the best vantage points to admire the spectacular National Heritage listed Glass House Mountains.

A gold coin donation is appreciated. Donations help us preserve this special place for generations to come through research, conservation activities and community education.

### MAJESTIC RAINFOREST WALKS

The Reserve is a rich subtropical rainforest remnant that is home to a diverse range of species some of which can only be found at Mary Cairncross. Some 299 plant, 141 bird and 25 mammal species can be found in the Reserve including the spectacular paradise riflebird, the cryptic southern angle-headed dragon and the shy red-legged pademelon.

### RAINFOREST DISCOVERY CENTRE

Our state-of-the-art Rainforest Discovery Centre offers a multi-sensory, interactive and imaginative experience for all ages. Take your time and learn about the wealth of flora and fauna inhabiting the rainforest, get a glimpse into the rainforest at night in the immersive dark room and enjoy the augmented reality surprises hidden within. Our friendly and knowledgeable volunteer guides are also happy to share their knowledge and advice. You can conduct your own frog symphony on our unique geyra-phone, match our most popular birds with their calls and enjoy listening to Avium Arts, a musical duet between singers and songbirds.



# Photoshop This

Entries for the annual Photoshop This is now open

Thank you to last year's winner John Quixley for supplying this year's 2 images.

Members can download the 2 base images from the "Dropbox" link and start the creative process.

<https://www.dropbox.com/sh/o6rtoqukr2tsulb/AADm0QuoTXdu9itnDKUjRoG7a?dl=0>

Rules: 2 base images are supplied, use one or both images to create your own interpretation and tell your own story. You can add and subtract from the images and edit to your liking.

Maximum 2 images per members to be uploaded no later than 17 April 11:00am to MPC competition.



# PSQ Conference April 2023

## DRAFT Conference 2023 Program Overview

Program under construction - more information will be provided as it becomes available.

### Day 1: 29 April 2023

[CONVENTION - PHOTOGRAPHIC SOCIETY OF QUEENSLAND \(psq.org.au\)](http://CONVENTION - PHOTOGRAPHIC SOCIETY OF QUEENSLAND (psq.org.au))

TIME	CONTENT	SUBJECT	SPEAKER	LOCATION
9.00-9.30	Welcome	Welcome to Rockhampton	Ralph Brown & Greg Tungate	Auditorium
9.30-10.45	<b>KEYNOTE 1.</b>	<b>Becoming a Better Bird Photographer</b>	<b>Georgina Steytler</b>	Auditorium
10.45-11.30	Morning Tea			Foyer
11.30-12.30	<b>KEYNOTE 2</b>	<b>Expand your artistic horizons!</b>	<b>Cheryl Eagers</b>	Auditorium
12.30-1.30	PSQ AGM	Annual General Meeting	Ralph Brown	Auditorium
1.30-2.30	Lunch			Foyer
2.30-5.30	Workshop 1	Bird Photography – Practical	Georgina Steytler	Murray Lagoon
2.30-5.30	Workshop 2	Street Photography – Practical	Peter & Elaine Mitchelson	Rocky City
2.30-5.30	Workshop 3	Glowing Gardens – Practical	Cheryl Eagers	Conference Venue
2.30-5.30	Workshop 4	Photoshop Layers/ Selections/ Masks	Ben Stoffl	Conference Venue
2.30-5.30	Workshop 5	Photographer, Judge Thyself Practical	Sue Gordon	Conference Venue
2.30-5.30	Workshop 6	Portraits & Lighting - Practical	TBA	Auditorium
7.00-8.00		Clydesdales & Carriage	Take yourself	Rocky City
7.00-9.00	Workshop 7	Star scapes and Night Sky - Practical	TBA	TBA
<b>6.30 on</b>	<b>Dinner</b>	<b>Shipwreck – Everyone for themselves.</b>		

### Day 2: 30 April 2023

TIME	CONTENT	SUBJECT	SPEAKER	LOCATION
9.00-10.00	<b>KEYNOTE 3.</b>	<b>Re-setting &amp; Re-refreshing Your Photographic Vision</b>	<b>John Doody</b>	Auditorium
10.00-10.30	Short Talk 1.	The Value of Clubs - Discussion	Ken Spence	Auditorium
10.30-11.00	Morning Tea			Foyer
11-12.00	<b>KEYNOTE 4.</b>	<b>Beyond Glad, Mad, Sad...</b>	<b>Sue Gordon</b>	Auditorium
12.00-1.00	Discussion	PSQ Judging	Tryg Helander	Auditorium
1.00-1.30	Short Talk 2.	AI: Use and Implications for Photography	Greg Tungate & Ralph Brown	Auditorium
1.30-2.30	Lunch			Foyer
2.30-5.30	Workshop 8	How I process my images – Photoshop	John Doody	Conference Venue
2.30-5.30	Workshop 9	Bird Photography – Practical	Georgina Steytler	Murray Lagoon
2.30-5.30	Workshop 10	Architecture Photography - Practical	Greg Tungate	Rocky City
2.30-5.30	Workshop 11	Street Photography - Practical	Peter & Elaine	Rocky City
2.30-5.30	Workshop 12	Photoshop – Less Conventional Approaches	Ben Stoffl	Conference Venue
2.30-5.30	Workshop 13	Practical exercises for creative processes	Sue Gordon	Conference Venue
2.30-5.30	Workshop 14	Listening with Our Eyes	Gerard Saide	Conference Venue
2.30-5.30	Workshop 15	Heritage Village People in Period Costume	TBA	Heritage Village
<b>6.00PM onwards</b>	<b>GALA DINNER</b>	<b>At The Glenmore Homestead Print Auction &amp; SEQ Presentations</b>	<b>PSQ Committee</b>	<b>PARKHURST</b>

### Day 3: 1 May 2023

TIME	CONTENT	SUBJECT	SPEAKER	LOCATION
6.00-8.00	Workshop 15	Sunrise Photography at Yeppoon	Fran McFadzen	Lammermoor Beach
9.00-10.00	<b>KEYNOTE 5.</b>	<b>My Camera – My Magic Carpet</b>	<b>Ken Spence</b>	Auditorium
10.00-10.15	Short Talk 4	TBA		Auditorium
10.15-10.30	Short Talk 5	TBA		Auditorium
10.30-11.15	Morning Tea			Foyer
11.15-12.15	<b>KEYNOTE 6.</b>	<b>Social Snacking on the Fridge Door</b>	<b>Gerard Saide</b>	Auditorium
12.15-12.45	Closing Ceremony	An Invitation to 2024 Convention	Ralph Brown	Auditorium
12.45-2.00	Lunch			Foyer
2.00 - on	Workshop 16.	Landscape/seascape photography Visits to Local Attractions	Ideas & Maps provided	Self drive locations

More detailed info on content of presentations & workshops will be provided soon.

Workshop Bookings will be available via TryBooking in early April.

# What's happening in March

Mar	<b>PCC Competition Night @ Rothwell Hall</b>
<b>9</b>	March 9 @ 7:30 pm – 9:45 pm, Mckillop Park, 176 Morris Rd, Rothwell QLD 4022, Australia
Thu	<b>Monthly Judging of Prints and PDI (Projected Digital Images)</b>
2023	

## Monthly Set subject definition: SCAPES

“**Landscapes** - An image featuring the natural scenery of the terrain. A tree or trees, people or buildings may be included but should not dominate the picture. **Seascape** - An image in which the sea or waves predominate. Coastal features or the shoreline may be included but should not dominate the picture. **Urban Landscape** - An image depicting the residential area of a town or city or the people who live there. If the latter are featured, evidence of the urban location must be included. **Cityscape** - An image showing an area of high-density buildings, or an aspect of life associated with such an area.”

NOTE: You should upload your entries no later than 11:59am Friday after the previous Competition night.

e.g. To enter the July Competition, you need to upload your entries into MPC no later than 11:59am Friday in June after Competition night.

Your physical prints should be delivered to the club on Competition night one month before you want to enter or sooner.

Mar	<b>PCC Outing - Mary Cairncross Scenic Reserve</b>
<b>18</b>	March 18 @ 4:00pm, Mary Cairncross Scenic Reserve
Sat	Macro, Birds, ICM, Rainforest, Landscape, Sunset, Possible Astro depending on the weather
2023	

Mar	<b>PCC Let's edit together with "March details to be announced soon"</b>
<b>16</b>	March 16 @ 07:00 pm, Online - ZOOM ID: 882 0835 5423
Thu	Photoshop editing techniques.
2023	

Mar	<b>PCC Program Night @ Rothwell Hall – General Meeting</b>
<b>23</b>	March 23 @ 7:30 pm – 9:45 pm, Mckillop Park, 176 Morris Rd, Rothwell QLD 4022, Australia
Thu	
2023	

# My Photo Backup Workflow with the 3-2-1 Rule

My Photo Backup Workflow with the 3-2-1 Rule  
By: **TREVOR SHERWIN**

<https://petapixel.com/2020/05/14/my-photo-backup-workflow-with-the-3-2-1-rule/>

Whether you take your photos professionally or for fun, how many of you out there can truly say you're are happy with your photo backup strategy? If a drive were to fail, will you lose any photos? If you have a house fire or were to be burgled, do you have a copy elsewhere?

As a photographer, I want to spend as much time as I can actually taking photos but the more photos I take, the more data I generate and subsequently need to store and protect and I for one would hate to lose any of them because I didn't have a robust backup workflow. For those of you that don't know, I am an IT professional and with the help of my team, we manage large enterprise-grade storage systems with petabytes of creative data and I have to ensure this data is backed up. I am employed to ensure all of this data is fully secured, redundant, and protected from all types of threats and I take this incredibly seriously as I know without data, no company can function.

Just as my company's data is important to them, my photos are important to me so I employ a similar approach to ensure my pictures are protected throughout my own workflow allowing me to sleep easy at night knowing my most treasured data is safe and secure.

I get it. Getting your backup processes in place is a bit boring and not very creative but the more seriously you take your photography, the more you need to have a robust workflow in place. So, in this post, I want to run through my own strategy, explain a bit of the geeky jargon, and suggest a few different backup options you could adopt, depending on time and budget.



# My Photo Backup Workflow with the 3-2-1 Rule

## The 3-2-1 Backup Rule



x3



x2



x1

You can't research photo backup strategies online without coming across references to the 3-2-1 backup strategy. Put simply, the 3-2-1 backup strategy provides an easy-to-remember approach to how many copies of your data you should have and where those copies should be stored in order to protect against the most likely threats to your photos such as drive failure and house fire, etc.

Before we get stuck in, it's worth noting that there is no such thing as a perfect backup system. It is impossible to predict and protect against all possible eventualities but this is a great starting point for anyone be it individuals or small businesses to get a solid workflow in place in order to protect their photos.

### 3 (copies of your data)

Including your working copy of data, it is recommended to have at least 3 separate copies of your photos. Why 3 copies? 3 copies are the minimum number needed to be able to fully adhere to this 3-2-1 strategy. You will see why as get to the following points but it's important to note that having 3 copies is just the minimum, which means you really don't have to stop there. If you can manage more, and it gives you extra peace of mind then go ahead and create more but just be careful around creating an overly complex system as you'll read a little later, keeping things simple is the name of the game here.

### 2 (different media or hard drives)

This point is important to avoid what we in the business call a "single point of failure" which means the last thing you want to do is store all copies of your photos on the same drive, only for that drive to fail and take all your photos with it. So, what you should do is ensure that all three of your copies of data are stored on separate devices so that if one fails, the remaining copies are completely unaffected.

# My Photo Backup Workflow with the 3-2-1 Rule

## 1 (copy of your photos in another location)

So far, you've created 3 copies of your data and stored them across separate, individual hard drives but all of that means nothing if they are all sitting on the same shelf when a nasty burglar breaks into your home and takes all of your valuable electronics, including all copies of your photos. It's for this reason, it is recommended to have at least one copy of your data in another location. This might seem a little difficult to achieve but I run through a few simple options further down in this article.



## Let's Break Down the Jargon

As much as I want to keep this post as simple and jargon-free as possible, there's no way to fully avoid including some of the technical components involved in creating a good photo backup workflow so to help those less familiar, I have tried to explain some of these in the simplest way I know.

### What's an internal hard drive? (Internal HDD)

When referring to internal storage, this means the hard drive which is installed inside your laptop or desktop computer. When you buy a new computer, you normally choose the capacity in either gigabytes/terabytes, and when you save files onto your computer's desktop or "My Documents" folder, that is normally stored on your built-in/internal storage.



# My Photo Backup Workflow with the 3-2-1 Rule

## What's an external hard drive? (External HDD)

To expand your computer's storage capacity, you can buy external drives that plug into your computer's USB, USB-C, or Thunderbolt port. These days, external drives come in in terabytes rather than gigabytes.

## HDD (hard drive) vs SSD (solid-state drive)

Although I don't really talk too much about SSDs in this article, it is worth knowing the difference when deciding which to buy. Here's a simple comparison.

- HDD: Hard drives are an older technology and with a spinning drive inside, are more prone to physical failure but being an older and more developed technology, they currently have more capacity and cheaper to buy. With the advantage of being able to store more data, HDDs are still the go-to technology for backing up your data.



- SSD: Solid-state drives are the modern equivalent to the HDD. The main advantages are that they read and write much faster and with no moving internal parts, are less prone to failure. The downside is that for now at least, SSDs are considerably more expensive than HDDs. With less capacity, SSDs are not widely used for high capacity backup locations but rather with their superior read/write speed, they are more commonly used as a computer's main drive where speed is much more important than capacity.



# My Photo Backup Workflow with the 3-2-1 Rule

## What's a NAS? (Network Attached Storage)

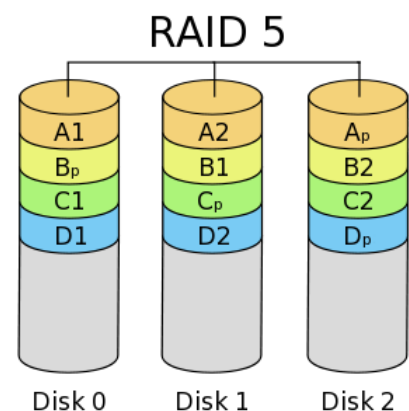
NAS stands for Network Attached Storage and that's essentially what it is. Instead of having your files and folders on a locally attached drive that only one computer can access at a time, a NAS can store your files somewhere on your home or office network and providing they have access, anyone on your network can edit and store files on it.



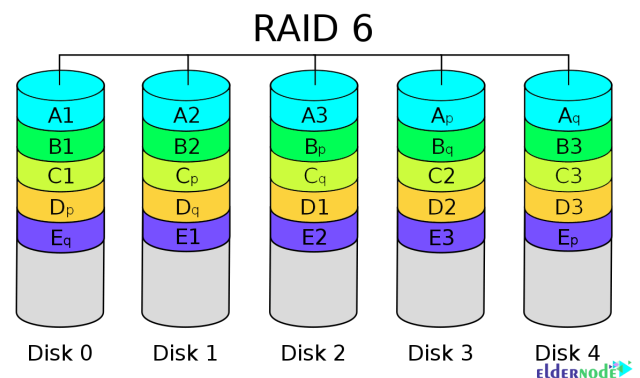
## What's RAID? (Redundant Array of Inexpensive Disks or Drives)

This is where things get a little technical but stay with me here. Most people do not need to know how a RAID works but when you buy a NAS which can hold multiple drives, you have the option to configure the drives in a way that means your data will be protected even if you suffer a failed drive. The two most common options to use are either a RAID5 or RAID6.

- RAID5 – This option protects you against a single drive failing but of the two means you have more usable space on the RAID to store your files.



- RAID6 – With this option, you can lose up to 2 drives and your data will still be safe so it is more resilient but the trade-off is that it will eat into your useable space on the RAID meaning not as much space to store your photos and other data.



# My Photo Backup Workflow with the 3-2-1 Rule

So, depending on how much space you need and the size of the drives you can afford, you need to choose the best option that fits your needs from a capacity and protection point of view.

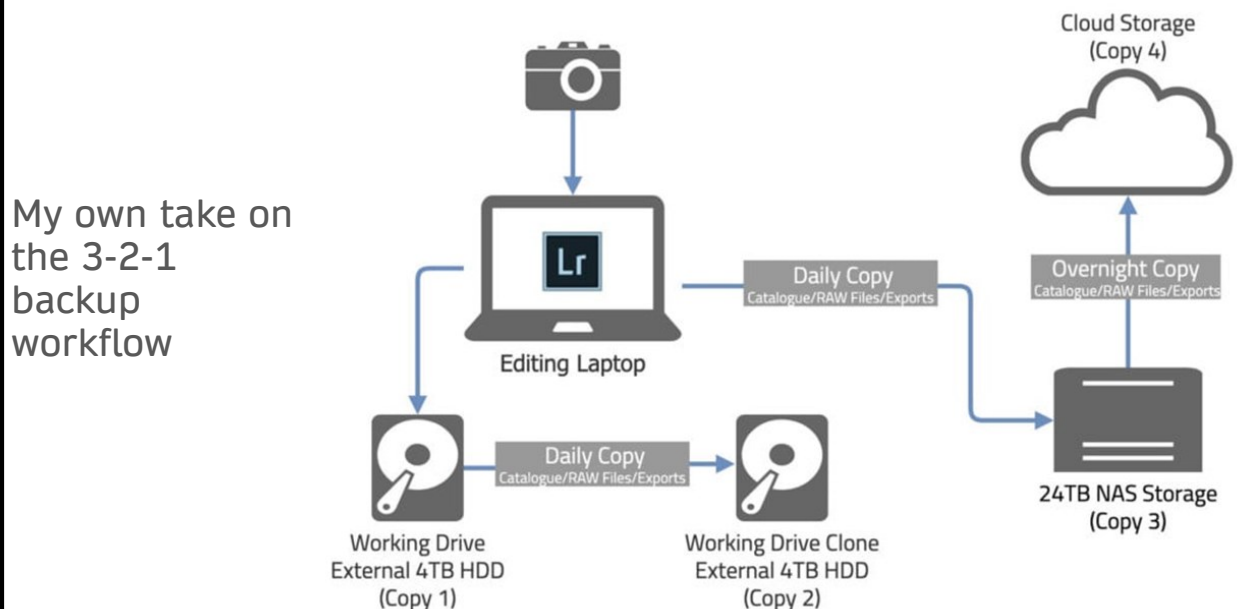
## What's Cloud Storage?

Simply put, cloud storage is a place on the internet where you can store your photos and other data away from your home and as long as you have a good internet connection you can essentially access your files from anywhere. You can get a small amount of space for free with services like Gmail or Outlook but if you take lots of photos and want to store them in the cloud, then you may need to pay for the amount of space you need. Although paid cloud storage services tend to require a monthly subscription, these days it can be pretty inexpensive.

In addition to services that just offer space to store your files, there are also dedicated cloud backup services such as Backblaze and Carbonite, etc. These will install software on your computer and automatically upload your files to the cloud for you. Each offers different options so these should be studied carefully to make sure they fit your individual needs.

## How I Backup My Photos

Hopefully, you are still with me and I didn't bore you too much so far but what I want to do now is run through how I backup my photos. I won't go into too much detail and to avoid too many words, I have created a simple diagram for you but if you need me to expand on anything I talk about here, just pop a question below in the comments.



# My Photo Backup Workflow with the 3-2-1 Rule

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Although this approach follows the 3-2-1 backup workflow, for my own peace of mind it goes a little further by having 4 copies on 4 devices but as I mentioned previously, the 3-2-1 backup system is a great starting point but once in place, there is nothing to stop you going further to make it even more robust. To help read the diagram above, I have summarised each copy in the process below.

## Copy 1:

Once I get home after a shoot, the first thing I do is copy my photos to my working drive. This is an external 4 Terabyte Lacie Rugged hard drive (the orange and silver device you can see in the photo above) which I use to store and edit my photos.

## Copy 2:

As soon as I have the photos stored on my working drive and in Lightroom, I immediately make a clone of my working drive to an exact replica 4TB Lacie Rugged drive. I clone the drive daily from that point to ensure any new edits and new photos I export are quickly protected just in case my working drive fails.

There are so many tools out there for Mac or Windows to help copy your data and as I edit on MacOS, my tool of choice is Carbon Copy Cloner. It's inexpensive and easy to configure and importantly, it just works.

## Copy 3:

Next up, using Carbon Copy Cloner, I make a daily copy over my network to my NAS storage. I use a 6 bay QNAP device with 6x 6TB (terabyte) drives installed. I have configured this as a RAID5 which means I lose the space of one of the 6TB drives resulting in 24TB of usable space on my NAS.

So, at this stage of my workflow, I now have 3 copies of my photos, and only now will I go ahead and format my memory cards that held the original photos.

## Copy 4:

Copy 4 is my offsite backup. I don't pay for a dedicated backup software but instead, utilize the 1TB of space in OneDrive I get with my Microsoft account and unlimited photo storage Amazon offers their Prime members.

# My Photo Backup Workflow with the 3-2-1 Rule

*Top tip: Many people subscribe to Amazon Prime and know that they offer unlimited photo storage with the subscription but what you may not know is that they count RAW files as photos too, so I automatically sync terabytes of RAW photo files with no additional costs to my standard Prime subscription.*

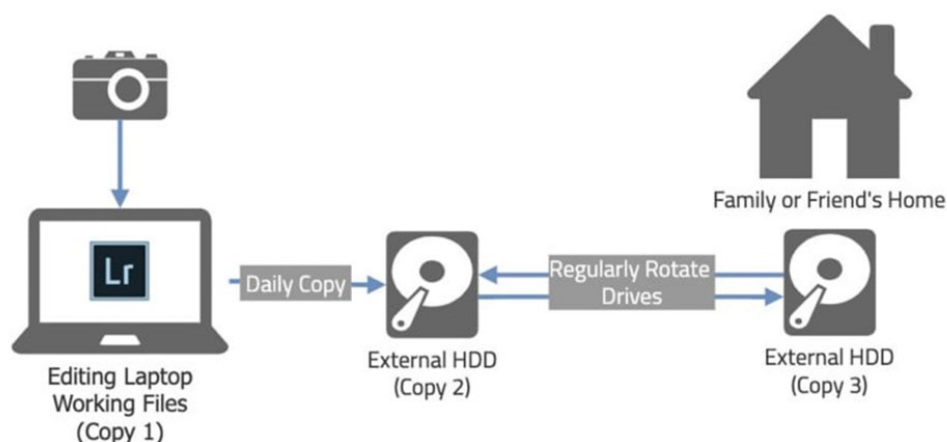
If you own a NAS drive, take a look at the features it has as many will allow you to set up and schedule copy tasks that will sync your photos to your cloud storage automatically for you. I have a daily task that synchronizes a selection of my folders from my NAS up into OneDrive and Amazon Photos. That way, I never have to worry about forgetting to do it. The more automation you can introduce, the more reliable your backups will be.

## Alternative 3-2-1 Backup Options

That was a quick run-through of my workflow and I accept with the 2x 4TB drives and the 24TB NAS, it's not a cheap one so I have also come up with a couple of workflows below that don't require the purchase of the NAS system but will still be robust enough to protect those precious photos following the 321 backup approach.

### Alternative option 1 – Backup drive rotation

A fairly simple backup strategy is to make a copy of your photos onto a separate external drive and storing it at a family or friend's home and every now and then, bringing it back to update with your new photos. This process only needs 2 or 3 backup drives which are relatively inexpensive these days (depending on how large your collection is) but is very manual so you would need to adopt a disciplined approach to ensure new photos are protected.

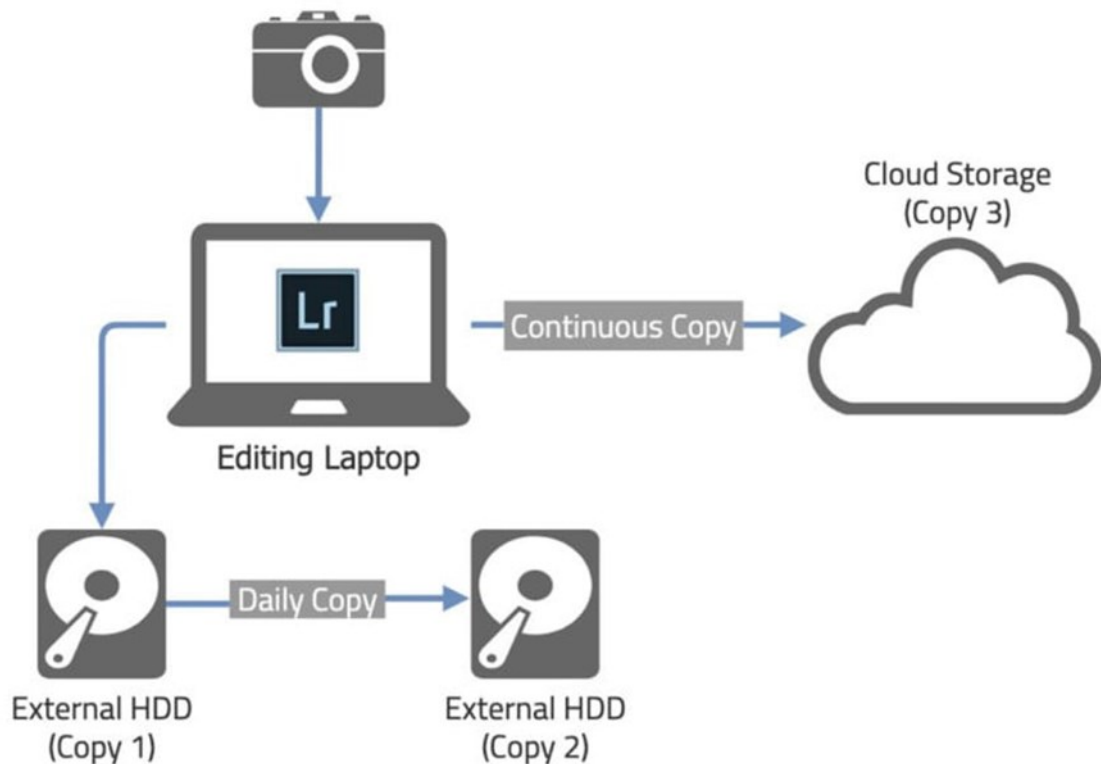


# My Photo Backup Workflow with the 3-2-1 Rule

## Alternative Option 2 – Cloud Backup

You can still achieve the 3-2-1 backup workflow by having a local copy on a separate external drive and a remote copy synchronized to cloud storage or an inexpensive cloud backup service such as Backblaze. This option is dependent on your internet speed and cloud storage space, especially if you want to send large amounts of data over but is a great option with a small amount of upfront cost.

The reason I suggest Backblaze is that they have an inexpensive unlimited plan which also allows you to back up a connected external drive. Many providers don't offer this so it's worth looking about for the best option for your needs.



## Backup Workflow Top Tips

To finish up, I wanted to leave you with a few tips that may help you create and maintain a successful backup workflow.



# My Photo Backup Workflow with the 3-2-1 Rule

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## #1. Keep your files organised

The reason this is important is that if your files are all over the place, some of them might not be included in the backup so try to keep your entire photography workflow in just one location so you know all of your precious files are safely protected.

## #2. Keep it simple

Keeping your workflow simple and introducing as much automation as possible will help you stay on top of the process. If backups are time-consuming or you need to retrain yourself every time you attempt it, the reality is, it just won't get done. Trust me, I've been there.

## #3. Don't just think about your photos

I have many other files that I need such as templates, fonts, spreadsheets, etc, all relating to my craft. Consider all the files you will miss if lost when choosing what data needs to be protected. Everyone's needs are different so protect the files that are important to you.

## #4. Buy enough memory cards

As I mentioned previously, I don't wipe a memory card until the photos are protected so I need to make sure I have plenty of cards so this can happen. Cards are cheap so make sure you have enough so you're not forced to format them until you are happy your photos are protected.

## #5. Test! Test! Test!

How do you know your backups will save you if you don't test them every now and then? Make sure you check the backups are working and on occasion restore some files so you can be confident it will all come together when you really need it.

There are many different ways to back up your photos, from the basic process of swapping drives to the more involved, technical workflows, full of automation and scripts, but the most important message I can convey is to find the right approach that suits your workflow and skillset so you can be confident that your system works and your most important photos and data are protected.

I hope you found this article useful and I was able to introduce you to a few different backup concepts (or maybe it helped you re-affirm your confidence in your existing approach).

# Set Subjects 2023

## SS QUICK REFERNECE FOR 2023

MONTH	SET SUBJECT	SUBMISSION DATE
January	Portraits	16 December 2022
February	Social Documentary	13 January 2023
March	Scapes	10 February 2023
▶ April	Nature	10 March 2023 ◀
May	Water in Motion	14 April 2023
June	Animals	12 May 2023
July	Monochrome	9 June 2023
August	Humour	14 July 2023
September	Intentional Camera Movement	11 August 2023
October	Creative	15 September 2023

## APRIL 2023 - NATURE

“Nature photography is restricted to the use of the photographic process to depict all branches of natural history, except anthropology and archaeology, in such a fashion that a well-informed person will be able to identify the subject material and certify its honest presentation. The story telling value of a photograph must be weighed more than the pictorial quality while maintaining high technical quality. See guideline at [Peninsula Camera Club \(myphotoclub.com.au\)](http://myphotoclub.com.au) Click on Club Documents – 2022 Competitions - Nature Photography – Definition”

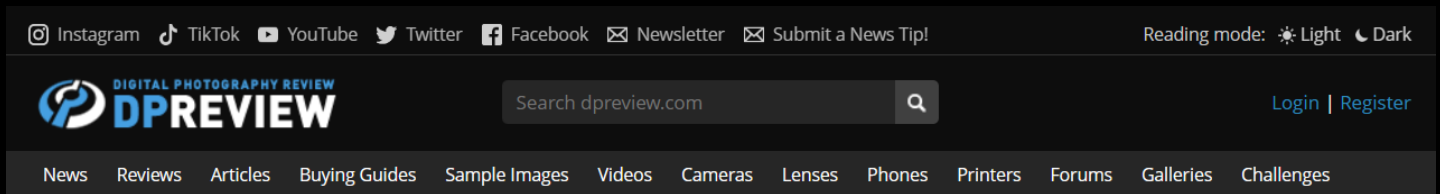


# YouTube/Website March

## Texture, Clarity & Dehaze



## DPREVIEW



### Test Your Knowledge - Answers

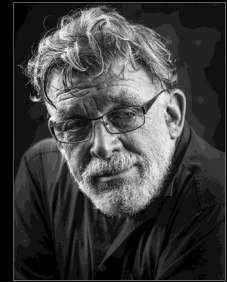
1. **Leica** - 31 prototype Leicas were produced in 1923/4, production got under way in 1925, with 870 produced, but by 1930, the yearly total production had risen to 13,400

2. **Pinhole camera** - A pinhole camera has no lens but a small hole on one side of a box that is otherwise completely light proof. When pointed towards an image of some sort, the light from this image is reflected upside down on the opposite side of the box to the pinhole. Now here we are in the 21st century and I still can't figure out how that works. This miraculous (to me) discovery was noted by the Chinese philosopher Mo Di, and by the Greek mathematical experts, Euclid and Aristotle, in 500 and 400 BC

3. **Drawing with light** - The Greek 'photos' means 'light' whilst 'graphé' means 'representation by means of lines', or 'drawing'. Putting the two words together, we get the meaning 'drawing with light', a very accurate way of describing the process of how a camera works

# Meet the MC - 2023

## Peter O'Brien - Vice President



I am currently the Vice President of PPC, I first joined Peninsula Camera Club in June 1988. I have been a member of the PCC for almost 35 years, and I have been taking photos since 1974 and I previously held the office of Vice President from 1989 to 1994 then 2022 & 2023. I was elected president of Peninsula Camera club in 1996. Held that position for 2 years. In 1999 I took up position of entries officer, organizing judges for monthly competitions. From 1995 – 1996 and held position of programs officer, organizing lecturers and practical nights, club outings. I have also been club print director for 15 years and helped organize 3-way interclub competitions for Peninsula camera Club since 1993, both slides and prints. I am also member of selection committee since 1995.

My first Film Camera was a Pratica Super TL. I then upgraded to the Olympus OM series after joining PCC. My photographic Interests are Macro Travel, Nature Portraiture and Steam Trains. I joined the PCC after talking to Greg Watson, a former member who was attending a welding course at TAFE. His advice was to “Just come along and see if you like it” and I did.

- I was the Chairman of 1991 A.P.S. National Competition [Hervey Bay] and A.P.S. after attending APSCON 1991 in Hervey Bay.
- Attended APSCON in 1991, 1994, 1995, 1997, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010 & 2014

- I have worked on projection team for APSCONS 1991, 1994, 1995, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010 & 2014.
- Peninsula Camera club delegate to Photographic Society of QLD. 1997 – 2002
- Photographic Society of Qld. Judging officer 1998 – 2000.
- Organized Allied Camera Club Competition for APSCON 1999 NAMBOUR
- Have assisted with Redcliffe, Bundaberg, Redlands, and Nambour Nationals since 1989, including judging, cataloging, exhibitions, and projection.
- Chairman of Redcliffe National since 1992.
- Chairman of Queensland National circuit since 1992
- Gave assistance in organizing the 1st. Redlands National 1999.

I have entered Nationals and Internationals within Australia since 1991, gaining L.A.P.S. in 1994 AND A.A.P.S. IN 1997 S.S.A.P.S. IN 2000., FAPS and EFIAP 2006.

I have attended many S.E.Q.A.C.C. Salons since 1989 including organizing committee for 2000 & 2007 salons, hosted by Peninsula Camera Club, 2002 salon hosted by Brisbane Camera group, 2004 Salon hosted by Mt.Gravatt Photographic Society.

# Meet the MC - 2023 - Continue

I have been active as a camera club judge since 1992 and have given talks at camera club level on various types of Creative, Macro Photography, Portrait Photography and Travel Photography.

I have participated on judging panels at S.E.Q.A.C.C. Salons since 1994 and assisted with projection of award-winning slides at SEQACC Salons since 2000.

Have scored all PCC 3-way Interclub comps since 1990 and PCC end of year judging's since 2000.

Judged at Maitland International 1998 & 2008

Sydney International 2016

The Queensland International Digital Circuit 2014, 2016, 2017, 2018 2020 & 2021

My advice for new members is to enjoy photography, listen to what the judges have to say. You will not always agree with them, after all it is only one person's opinion. Don't be afraid to ask for assistance, we all had to start somewhere.



Destination Rosewood  
By Peter O'Brien

Three of my favourite images



Spit And Polish  
By Peter O'Brien



Fish Face  
By Peter O'Brien

# Management Committee 2023



President

Jeanette Robertson - 0432 346 994



Vice President

Peter O'Brien



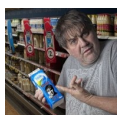
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Anita Blaker

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Vacant



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