

April 2022 Newsletter

The Green Issue



To celebrate Earth Day on April 22nd, and acknowledge that it should be Earth Day every day, we are looking at some ways we can all make photography more sustainable and gentler on the planet.

BEAU
PHOTO

Using Rechargeable Batteries - Converting Your Digital Camera to Infrared
Reduce/Reuse/Recycle in Your Studio - Peak Design Bags - The Classic
Leica, Built to Last - More Sustainable Darkrooms - Developing Film with
Chocolate - Moab Juniper Baryta Inkjet Paper - more...

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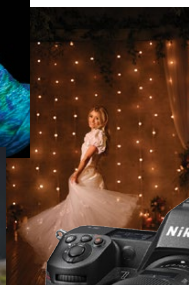
Presented by:



HOW
TO

GET THE MOST
OUT OF YOUR Z 9

TIPS,
TRICKS &
EASTER EGGS



WHERE

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WHEN

MONDAY, APRIL 11

SESSION A

4:30PM PST to 5:30PM PST

SESSION B

6:00PM PST to 7:00PM PST

REGISTER NOW!



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STORE HOURS

MON, TUE, WED & FRI: 8:30am to 5:00pm
THU: 8:30am to 7:00pm
SATURDAY: 10:00am to 2:00pm

Digital Mike M.

Be A Little Greener - Ni-HM Rechargeable Batteries



There are many reasons to use rechargeable batteries in place of regular AA or AAA cells. In particular, I'd like to mention [Panasonic Eneloop low self-discharge Ni-MH \(Nickel Metal Hydride\) batteries](#). These batteries are ideal for use in on-camera Speedlight flashes since they offer good capacity, very fast recycle times and have a very long shelf life, approaching that of alkaline cells. Originally from Sanyo, the Eneloop brand transferred over to Panasonic after they bought a majority stake in Sanyo back in late 2009. The low self-discharge Eneloop batteries were ground breaking, offering many advantages over old-school NiCad cells and even other regular Ni-MH cells back in the day.

Since we are celebrating Earth Day this month, it is worth pointing out that Panasonic uses solar power to pre-charge Eneloop cells, and they are ready to go right out of the package. Fully charged, a regular white Eneloop cell maintains 70% of its charge even after being in storage for 10 years. So... if you are an infrequent flash user for example, you won't have the issue you might have encountered with previous generations of rechargeable cells, where it seemed every time you needed them, they were discharged and dead. The white Eneloop cells can be charged up to 2,100 times before they need to be recycled, which is very green indeed!

Another huge advantage to Eneloop cells is that unlike alkaline cells, they virtually never leak. I have seen brand new Alkaline cells, from a reputable brand, even leak inside their packaging, years before their expiry date! Over the years, I have seen many pieces of little used gear ruined, because someone left alkaline cells installed. When they leak, it's a thick, viscous acid, which will corrode battery contacts, and if the acid works itself inside the device, circuit boards can be ruined as well.

The pricing for a 4-pack of Eneloop AA cells is **\$22.95** and there is an environmental handling fee (EHF) of \$0.56 for a 4-pack. You can get **4x AA cells bundled with a charger for \$32.95**. If you want **AAA cells**, a 4-pack will cost you **\$22.95** plus a \$0.48 EHF. There are no charger bundles with AAA cells though.



There are also black **Eneloop PRO cells**. Regular white Eneloop AA cells are rated at 1,900 mAh on a full charge, whereas the black Eneloop PRO cells are rated at 2,500 mAh. So, the Eneloop PRO cells will last longer per charge and can also provide an even higher current if needed. However, they only have a life of 500 charge cycles and lose 15% of their charge after one year, versus only 3% per year for the regular Eneloop cells. You need to make

sure you use a charger designed for the PRO cell as well, otherwise there is a chance they might not become charged to their full capacity. They should also be taken off charge when full and should not be left trickle-charging. So... I personally recommend the regular white Eneloop cells, but if you want a set of **4x AA Eneloop PRO cells**, the package is **\$29.95** plus the \$0.56 EHF. **A 4-pack of PRO cells with the appropriate charger is \$41.95**. Note that the charger kits will also have the same EHF tacked on, and we do not stock the AAA version of the PRO cells.

Personally, I have banished alkaline cells from all of my AA and AAA electronic devices; flashes, camera radio remotes, my HP calculator collection, wireless mice and keyboards, flashlights, home audio/video remote controls and the like. I have bought many packages of Eneloop batteries over the years and none have ever failed me. Even after some cells were thoroughly and totally discharged on several occasions in some devices (not the best idea with any rechargeable battery actually), they have always charged up again with no apparent issues. I can highly recommend Eneloop cells from personal experience!

Re-use That Old Camera and Convert it to Infrared!

If you have an old DSLR or mirrorless digital camera and it's either not worth enough to bother selling, or you just can't muster the effort to put it on Craigslist to sell... well eventually it might end up in the recycle bin. That's not very green if it is still a working camera! Here's another idea: why not have it converted to an infrared (IR) camera?

Over the years, I have personally had three cameras converted: first when I had a Canon EOS 20D and upgraded to the EOS-30D, I decided to have the 20D converted to IR with a 720nm band pass filter. At one point, I had an old Panasonic GF2 alongside a GH2 and GX7, and since I didn't really need three "normal" bodies, the GF2 got converted to infrared, also with a 720nm filter. Most recently, when I upgraded my Fujifilm X-E2 to an X-Pro2, the X-E2 got sent in for IR conversion too, this time with an "Enhanced IR" 665nm filter which lets a little

more of the normal colour spectrum through, allowing one to better play with false-colour IR. In all cases, I used LifePixel, located near Seattle WA, and they have consistently done an excellent job with the conversion. Here is their website: <https://www.lifepixel.com>



Converting a digital camera to IR basically involves removing the IR-blocking cover glass that is mounted over the sensor, the same glass you clean when you have sensor dust. Virtually every camera has some degree of IR-blocking in that glass, since IR can cause strange colour casts at times, especially when photographing people. Sometimes you can get away with using something like a Hoya R72 filter (720nm band-pass) on your stock camera, if it has a slightly weaker level of IR filtering, and with a high ISO and/or longer exposure time, you could capture some convincing IR shots that way. I did that with my old Fujifilm X100 (the original) and shooting at ISO 6400 allowed me to just barely handhold images from it.

There are more samples of the stock X100 with the Hoya R72 filter on my blog: <http://www.mikemander.com/2011/04/infrared-with-fujifilm-x100.html>

However, having a camera IR converted will allow you to shoot at base ISO during daylight hours, which will result in better image quality, dynamic range and "hand-holdability". Note that mirrorless cameras are inherently better suited to IR conversion than DSLRs since not only will you see the IR effect live through the EVF, they also autofocus with the same sensor that is capturing the image, so there is no IR focus offset you need to worry about. By the way, older manual focus lenses often had a red-dot index mark to show you how much to offset the focus when shooting with IR film. Indeed, a regular DSLR can be adjusted to give sharp images with AF in IR light, but while a global adjustment done during IR conversion might allow many lenses to give sharp AF results, some lenses will behave differently and will need additional manual calibration (AF micro-adjustment) if the DSLR supports it. Mirrorless cameras have no such issue though, and the focus is dead-on accurate even after IR conversion.

For more details on using a converted camera for IR, as well as processing tips in Lightroom and Photoshop, see the article on my own blog here: <http://www.mikemander.com/2016/08/infrared-with-fujifilm-x-e2.html>



There are some more colour IR images in my staff gallery here, mainly near the start: <https://www.beauphoto.com/portfolio-item/2016-rockies-trip-70-selected-images/>



Being able to reuse an older camera and give it a new life, a new purpose, is a great way to avoid that camera going into the recycle bin! For some examples that I shot with my old IR converted Canon EOS-20D, see here: <https://www.beauphoto.com/portfolio-item/infrared-with-a-canon-eos-20d/>

If you don't have an older camera to convert, why not buy an inexpensive used digital camera? As of this writing, we have several that would make good candidates. First we have some mirrorless options, ideal for IR conversion...

Used Fujifilm X-T1: \$550

Used X-T100 kit with XC 15-45mm - \$650

For DSLRs, we have a few as well...

Used Nikon D90: \$299

Used Canon EOS Rebel T4i: \$325

Used Canon EOS 6D: \$599



Used Fujifilm X-E2: \$450



FUJIFILM

X GFX

GFX

DEMO DAYS

MORE THAN FULL FRAME™

Photo © Petronella Lugemwa

Fujifilm and Beau Photo invite you to try the latest GFX System cameras and lenses in a professional studio environment. Fujifilm representatives will be on hand to answer questions.

The Vancouver event happens April 28th from 12 - 7PM and April 29th 10AM - 5PM at a local studio, with an informal drop in session April 30th from 11:00 - 1:30 at Beau Photo. Call or email to reserve your spot. prosales@beauphoto.com

Rebates

Canon

Canon has rebates running from **April 1st to the 28th**, with the following being of most interest. See the full list here - <https://www.beauphoto.com/ongoing-rebates-canufujnikson/>



RF 100mm
f/2.8L IS Macro
\$1,799
(reg. \$1,849)

EOS R5 Body - \$5,199 (reg. \$5,299)

EOS R Body - \$2,299 (reg. \$2,399)

SAVE when adding any of these lenses to an EOS R, R5 or R6 body purchase...

RF 50mm f/1.2L - \$2,699 (reg. \$2,999)

RF 14-35mm f/4L IS - \$2,049 (reg. \$2,249)

RF 15-35mm f/2.8L IS - \$2,699 (reg. \$2,999)

RF 24-70mm f/2.8L IS - \$2,699 (reg. \$2,999)

RF 70-200mm f/4L IS - \$2,199 (reg. \$2,399)

RF 70-200mm f/2.8L IS - \$3,199 (reg. \$3,499)

Fujifilm

Fujifilm still has some deals that continue until April 4th but after that, it seems there won't be any for later in the month...

GFX 50S II Body - \$4,400 w/TRADE-IN* (reg. \$5,000)

GFX 50S II Kit w/35-70 - \$5,025 w/TRADE-IN* (reg. \$5,625)

* MINIMUM of \$600 trade-in allowance for a working full-frame mirrorless or DSLR body

GF 50mm f/3.5 R LM WR - \$1,025 (reg. \$1,350)



GF 63mm f/2.8 R WR
\$1,525 (reg. \$2,020)

Nikon

Nikon still only has some bundle rebates running from **April 1st to the 28th**, including a new one for the FTZ II adapter. There are a few other lens bundle rebates for the Z fc that you can ask about, but that we do not stock...

Nikon D780 Kit w/24-120mm VR - \$3,699 **

** includes one FREE SanDisk 128GB Extreme Pro UHS-II SDXC card for a promo savings of \$320

Nikkor AF-S 24-120mm f/4G VR - \$1,100

- Save \$349 (with the purchase of a D850 body)



Nikkor FTZ II Adapter - \$199
Save \$130 (with the purchase of any Z-series body)

Nikkor Z 24-120mm f/4 S - \$1,299 (reg. \$1,499)

- Save \$200 (with the purchase of any full-frame Z body)

Nikkor Z 24-70mm f/4S - \$800

- Save \$499 (with the purchase of a
Z5 body only)



Sony

Sony has only one rebate at the moment, and it is running until at least April 14th...

Sony FE 24-70mm f/2.8 GM - \$2,699 (reg. \$2,899)

However a bit of good news is that while Sony has gotten rid of the rebate on the original 70-200mm f2.8 G Master, as of April 1st they have now dropped the price even further as follows...

Sony FE 70-200mm f/2.8 GM - \$2,699 (old price was \$3,299)

We still have yet to see a single shipment of the newer 70-200mm f/2.8 G Master II, but once it ships it will be \$3,499, so you can save yourself a bunch of money and get one of the older ones now, which we do have in stock as of this writing. The original is still a very good lens too!

A vertical poster for a landscape photography adventure. The background is a dramatic landscape with a large rainbow arching over a mountain range reflected in a lake. The text is overlaid on the image.

LANDSCAPE PHOTOGRAPHY ADVENTURE
BANFF & JASPER NATIONAL PARKS

CREATIVE ESCAPE
PHOTO TOURS

JOIN US THIS SUMMER OF 2022 AT THE
**THE MAJESTIC
CANADIAN ROCKIES**

1st Tour July 2-9, 2022 / 2nd Tour July 11-18, 2022

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Add-a-Lens Promotion

Save on EOS R and R5 bodies. In addition, save hundreds of dollars more if you bundle select RF lenses with an EOS R, EOS R5 or R6 on the same invoice...

Canon EOS R5 Body \$ 5,199 (SAVE \$100)
Canon EOS R Body \$ 2,199 (SAVE \$200)

Bundle the following RF lenses with an EOS R, R5 or R6 body and SAVE!

Canon RF 50mm f/1.2L	\$ 2,699 (SAVE \$300)
Canon RF 100mm f/2.8L IS Macro	\$ 1,649 (SAVE \$200)
Canon RF 14-35mm f/4L IS	\$ 2,049 (SAVE \$200)
Canon RF 15-35mm f/2.8L IS	\$ 2,699 (SAVE \$300)
Canon RF 24-70mm f/2.8L IS	\$ 2,699 (SAVE \$300)
Canon RF 70-200mm f/4L IS	\$ 2,199 (SAVE \$200)
Canon RF 70-200mm f/2.8L IS	\$ 3,199 (SAVE \$300)



Example: buy an EOS R5 + RF 15-35, 24-70 and 70-200 and **SAVE \$1,000!**

Promo period runs from April 1st, 2022 to April 28th, 2022.

Lighting and Studio

Ken S.

The Three Rs in Your Studio

As April 22nd is Earth Day, there is now better focus on the three Rs as they affect lighting and photography, and how we all can be a bit more friendly to the planet.

Reduce



One of the ways we can reduce our consumption of electricity is to use or **switch over to LED Lights**. Many of us have been doing that for a while now in our homes but that is something photographers should consider, especially if they are already using continuous lighting now for film and video work. If you go by what is stated on most government and manufacturers websites, LED lights use 75 to 80% less electricity to produce the same output. As well many LED lights have adjustable colour temperatures from 3200K or lower, to 5600K or higher,

allowing you to match the existing ambient light you may be working in. Check out the full line of Nanlite LED lights on our website. **The Nanlite FS series of lights are on sale until the end of April to reduce the consumption use of your hard earned money!**

Nanlite FS-150 AC powered LED monolight - Sale - \$289.95 Reg. \$339.95

<https://www.beauphoto.com/product/nanlite-fs-150-led-ac-monolite/>

NanLite FS-200 AC powered LED monolite - Sale - \$374.95 Reg. \$439.95

<https://www.beauphoto.com/product/nanlite-fs-200-led-ac-monolite/>

Nanlite FS-300 AC powered LED monolight - Sale - \$439.95 Reg. \$549.95

<https://www.beauphoto.com/product/nanlite-fs-300-led-ac-monolight/>

Reuse

The second R is Reuse, simply put, **you should consider purchasing gently used lighting** before you purchase new lighting if it meets your needs and as a way to stretch your dollars. We have a good selection of used strobe lighting both



Used Hensel Integra 500 3 Head
Monohead Kit - \$1300

AC and battery powered. Some you'll find listed on the Beau Photo used lighting section, and some are just great finds as in-store specials for you when you pop by. Give us a call if you are looking for something specific.

<https://www.beauphoto.com/product-category/used-equipment/used-lighting/>

While you are browsing, have a look at the used camera section too for some great deals. At the moment we have a huge selection of used Fujifilm X series cameras, lenses and accessories at great prices. Check them out and all the other brands here: <https://www.beauphoto.com/product-category/used-equipment/used-digital/used-mirrorless-cameras/>

Recycle

One way to recycle your used lighting that you may have outgrown or are not using anymore is to call and see if it is something we could sell for you on consignment. You can make a bit of cash and make someone else happy by helping them save money purchasing used lighting at less than the cost of new. If it is not something we can sell for you, try Craigslist or eBay. If the item doesn't work or if it is too old or worn out to sell, please visit your local recycling center to properly dispose of your electronics. They will take your items at no charge.

Lee Filters Promo



Here is a great Spring promotion that you will want to take advantage of. From now until the 20th of June you can save 15-20% on specific Lee filters and Lee filter sets. Call us if you'd like to place an order. Here are the items we stock, you can also special order others.

LEE100 Little Stopper 20% off

LEE100 Big Stopper 20% off

LEE100 Super Stopper 20% off

Spring Sale On Now



Enabling the capture and sharing
of exceptional content



GITZO

JOBY



Available at Beau Photo

Accessories

Meghan S.

Sustainable and Environmentally Friendly Camera Bags

Since this is our GREEN issue, let's talk about a company who is doing its part for the environment!

When it comes to camera bags, one of my favourite companies is **Peak Design**. I have a couple of their bags (5L Everyday Sling) and cases (Tech Pouch) as well as their straps (Slide). They are undoubtedly one of the most innovative and comprehensive companies out there, making fully integrated ways to carry your camera equipment - from straps to camera clips to camera bags and backpacks.



Aside from their great products, Peak Design is a company that takes their environmental responsibility seriously. They are a certified carbon neutral company, as well they offset their entire carbon footprint that they generate – from extracting resources to finished products. On top of that, they are very conscientious about what materials go into their products, and are always finding ways to make their product better and even more environmentally friendly. Their bags are all made of a nylon/poly blend that uses 100% post consumer recycled polyester and 100% post industrial recycled nylon. They are also working on using a higher amount of recycled aluminum fittings for all their hardware. Sometimes however, recycled materials have a higher environmental impact than using the original raw materials and Peak Design practices a mindful recycled material use program, making sure that the materials they are using have the lowest carbon footprint possible, whether it be new or recycled. Even their fabric dyeing process is an environmentally

friendly option, with 60% of all their dyed products dyed with an e-dye process that uses significantly less water consumption than standard dyeing processes.

What about where they actually make their products? Products themselves may be environmentally friendly, but just the manufacturing of goods can cause a lot of environmental waste and hazards and ethical issues. To get a clear picture of what their factories are producing, they have implemented new Environmental Compliance Benchmarks. This will keep track of their use of energy, track carbon emissions, water, biodiversity, and waste. They also hire a 3rd party to conduct audits of all their factories to be sure they are complying with these set benchmarks, as well to be sure the working conditions and pay standards in all their factories are being met or exceeded.

In the end, one of the best ways to insure your product is environmentally friendly is to make it to last. Products that stand the test of time and wear are the ultimate in helping the environment as they do not need to be replaced as often! Peak Design products, in my experience so far, do a great job of standing up to lots of wear and tear.

Here are a few Peak Design products we have in store right now. Unfortunately a couple of the larger Everyday Sling bags are on backorder, as well as the Everyday Backpacks. But we hope to see them arriving soon. We do have the smaller 3L sling in currently, as well as the 13L Everyday Messenger. We also have the Tech Pouch, which is one of my favourites as it can be a cord, battery, film, memory card, everything carrier or you can use it as an everyday purse/bag or a small camera bag! It has the ability to become a shoulder bag, just add a Peak Slide, Slide Lite or Leash strap! Or toss it in your larger backpack or camera bag. We



Tech Pouch: \$74.95

also have in the Field Pouch, which is like a slimmer version of the Tech Pouch, but also the new version COMES with a strap! If you are looking to carry your camera right in reach at all times, we also have the Capture Clips in stock and they attach to any backpack strap or your belt.



Capture Clip
\$89.95

Slide Strap
\$84.95



Everyday Sling 3L: \$99.95



Field Pouch
\$59.95



Everyday Messenger 13L: \$284.95

Rentals

Jason K.

NEW FujiFilm XF 90mm f2 R LM WR



The FujiFilm XF 90mm f2 lens is a fast medium telephoto lens that has an equivalent focal length of 135mm for great low light performance and subject/background separation. The rounded 7 blade aperture blades give a pleasing quality to the bokeh for beautiful portraits. \$35/Day or Weekend.



Earth Day

Earth Day is on April 22 and what better way to celebrate it than to go out and play surrounded by the natural world? My favourite thing to do is to combine two of my favourite things: the great outdoors and photography! Going out to photograph the natural world after a hard week's work is very cathartic, and whether I'm shooting landscapes or wildlife, I'll always have a fun time. As with most genres of photography, using the right gear will simplify your experience. I always have a tripod, memory cards, filters, cable release, wireless remotes and a microphone with me, but of course, choosing the right lens for your activity is

essential! If you are mostly a landscape shooter, but would like to dabble in wildlife photography, you will most likely need a telephoto lens. Conversely, if you're a wildlife photographer, and your realtor friend asks you to do some real estate shots for him, you will need a wide angle, ultra wide angle or even a wide angle tilt/shift lens to get the job done properly. Instead of spending a large amount of money, you can rent a suitable camera or lens for much less cost!



So, for this Earth Day (or any other day, for that matter!), fill up your reusable water bottle, bring some organic trail mix and go out and enjoy the fresh air whilst hiking and photographing your favourite mountain vista or animal species! I will definitely be out and about looking for my favourite birds & bears, as it's baby season now and there should be more and more baby animals out there! And while you're at it, please be a good human and don't leave anything other than footprints - I often end up picking up other people's litter and it boggles my mind what I've picked up in the middle of nowhere!

See what's available in the rental department on our website - www.beauphoto.com/rentals/

Don't forget about our try before you buy program! Try something out that is available in our rental department before you decide to buy. If you love it and decide to buy one within 30 days, you can receive up to two days off of the rental cost as a credit toward the purchase. Ask us for more details and if restrictions apply.

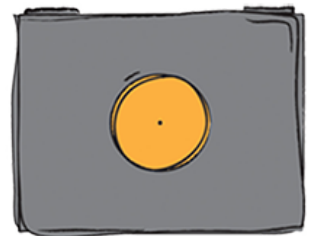
Worldwide Pinhole Photography Day Sunday April 24



Join people around the world on the last Sunday in April and take some photos with a pinhole camera. Submit your favourite image to the WWPD website (see the link below) and become a part of the online gallery exhibition!

Read our blog post from 2020 on making a pinhole camera for yourself - <https://www.beauphoto.com/basic-instructions-for-pinhole-photography/>

Visit the WWPD website for information and a look at past galleries to find some inspiration - <https://pinholeday.org/>



**Worldwide Pinhole
Photography Day**



Random Analogue Thoughts

Mustafa S.

A Camera Built to Last

In the spirit of recycling how about trying out one of these classics instead of once again upgrading your fancy digital camera, after all there was a time in history where a person would buy a Leica and it would be their only camera for decades. Why not join an exclusive club of people who shoots 80 year old cameras instead of buying a brand new digital camera like everyone is doing these days? Experience all the charm and inconvenience of owning something analog versus something too easy like a mirrorless camera.



The Leica III

The Leica III was released in 1933 as an iteration of the original Leica designed by Oskar Barnack. The III was specifically a version of the II with a slow shutter speed dial on the front right hand side, this being the major indicator that you're looking at a III of some kind. Various versions of the III were released with incremental updates until 1957, by which point the M3 had been out for three years.



The Barnack cameras came about when Oskar Barnack wanted the ultimate photographic tool that would fit under a coat pocket. The first model, the Model A, came out in 1925. His innovation was turning the film sideways when shooting.

Standard, cinema 35mm would have 18mm by 24mm frame size, but by turning it sideways he was able to get 24mm by 36mm frame size instead. This first model had a fixed lens, and it was only with the Model C did it sport a removable lens - the now well known 39mm thread mount. This system would be improved with the Leica II of 1932, which included a built in rangefinder mechanism for focusing.

The Zeiss Ikon Contax rangefinder would come out in 1932, and Leitz needed a rival. A year later in 1933, the Leica III arrived, complete with the addition of a slow shutter speed dial on the front left hand side of the camera. The III would receive some updates over its run, the first of which was the IIIa. The IIIa added a higher shutter speed of 1/1000th. The IIIb would have the two viewfinders for focusing and composing being placed closer together. The IIIf was the first postwar revision, being released in 1950. This added flash synchronization capabilities, which were vital for indoor photography considering how slow film was back then. There is also a film speed reminder on top of the winder.

Finally, in 1957, three years after the release of the M3 came the IIIg. The viewfinder is bigger and brighter with two illuminated framelines for 50mm and 90mm lenses. It was only in production for about three years and as such, is a lot rarer (only about 40,000 were made) and more expensive on the used market.

Should you shoot a Barnack era Leica in the 21st Century? They do have their quirks and may not be as easy to use as more modern cameras, especially when you consider that they're 80-90 years old at this point. The Leica thread mount, or M39 lens mount, was adopted by many manufacturers including those in the Soviet Union and Japan, which means you can get many great sharp lenses for it in the shape of Nikon, Canon, Zeiss, and Leica themselves. You can even get lenses from

Voigtlander, Minolta and Ricoh from as recent as 20 years ago.

We have an influx of them at the moment, six to be exact. We have everything from a **Leica IIIa with an 5cm collapsible Elmar f3.5 (\$850)** to the **Leica IIIg with a 5cm collapsible Elmar f2.8 (\$3000)**. We also have a few bodies like a **Leica IIIc body (\$450)** as well as three **Leica IIIfs that range from \$650 to \$895**. Don't be intimidated, this might just be your gateway drug to rangefinders and Leicas!



All Analogue

Nicole L.D.

Re-Use and Re-Love Some Great Film Cameras!



There are already loads of cameras in existence, millions in fact, most manufactured over the last century! So instead of purchasing a new camera, why not try using a vintage one?

With so many to select from, how does one go about settling on the one that's for you? Determining which camera is best for you can be really fun, picking one from the era that most fascinates you, choosing one by the internet hype around it, or looking for the one that will render the most desirable photo effects. Some are



notable for their lens sharpness, swirling bokeh, and for their imperfect charm. Old abandoned cameras can be found in thrift stores, garage sales or here at Beau Photo. Some are affordable and some are less so! Luckily one of my favourites - the box camera - is typically pretty affordable. They were produced in great abundance and have a dreamy quality, where the center of the lens is sharp but the outer edges are ever so slightly blurred. This effect varies from camera to camera, each one sharing different surprises.

Kodak was the leader in box camera production, then Agfa and Argus, and on top of the hundreds of box variants those three manufactured there were a lot of beautiful one-offs produced by many other camera companies. The Jem Jr, Geva

Box, and Spartus Full-Vue are a couple of my favourite Kodak alternates. One of the best features of these cameras is the extra large sized negative, often its close to 6x7 size allowing for the full effect of the lens to be clear.



The simplicity of the box cameras design makes them convenient, though because of that there are a few things to watch out for. Fixed focus is usually set at 6ft to infinity, therefore any photos taken closer will not be in focus. Rarely is one able to change the shutter speed and aperture settings on a box camera making them best for shooting on sunny days. Box cameras are lightweight and at first I found this problematic. I would depress the shutter to take the photo and unintentionally jostle the camera causing my photos to be blurry. I do love taking double exposures with them though. Also note that when hunting down old cameras to use, be sure you choose one that takes a film size that is still readily available, 120 is the most common, but 127 and 620 are also in stock at Beau occasionally.



Here are a few we currently have in on consignment:

J.E. Mergott Co. Jem Jr 120 Lightning Bolt for \$120.00

J.E. Mergott Co. Jem Jr 120 for \$40.00

AnSCO Shur-Flash 120 for \$50.00

In the Darkroom

Kathy K.

Working Toward a More Sustainable Darkroom.

With the importance of trying to do things in a more sustainable way and lessen our impact on the earth, it might be time to look at our darkroom practices. It's difficult to think that the thing we love to do might be having a negative environmental impact, but there are ways we can tread a little more lightly on the planet without giving up time in the darkroom.

Let's start off by saying that the answer is not necessarily to go digital! There are a great number of articles that argue either way on whether digital or film is more sustainable, and this is not one of them! Instead, we will look at things you can do to create analogue images more sustainably, and also look at some experiments with developing film in chocolate! See our blog for more information on making your darkroom practice more sustainable www.beauphoto.com/sustainable-darkroom.

Bulk Loading Film

Ilford has 35mm film in a bulk roll that is 100' long. It might seem like a lot of film, but it's a good option if you want to share with friends, or have a favourite film you shoot a lot of. You can get bulk rolls of Ilford FP4 Plus, HP5 Plus, Delta 100 and Delta 400. We sell re-useable bulk film canisters and bulk film loaders as well. Get a new bulk film loader by Legacy Pro or we have some used ones for \$25 - \$35.



LegacyPro Lloyd's 35mm Bulk Film Loader - \$75
<https://www.beauphoto.com/product/legacypro-lloyds-35mm-bulk-film-loader/>

Kalt Plastic Film Cassette - \$3.02
<https://www.beauphoto.com/product/kalt-plastic-film-cassette/>



Using Individual Rolls of Film

Most people buy film pre-rolled in individual packages. This is a good option if you want to try different films, or can't get your favourite film in bulk. You can recycle the paper, and re-use or recycle the canisters. The plastic wrap on many 120 films can also be recycled, check with your municipality for their recycling guidelines. If you develop your own film, you can recycle the metal cassettes and plastic spools.

Eco-friendly Chemicals

The chemicals used to process film are one of the main subjects when talking about the environmental impact of shooting with film. There are some toxic chemicals that make up the developers being used in the darkroom. All developers are used diluted so the quantity of raw chemical is reduced, though you should still use them with caution. If you are using pyro developers, make sure you know how to properly dispose of them. Less toxic developers are made with phenidone and/or ascorbic acid. Kodak Xtol and Flic Film Black White & Green are good options.

We have posted before about Flic Film, a small company in Alberta that manufactures more environmentally friendly chemicals. See our previous post here - <https://www.beauphoto.com/an-introduction-to-flic-film/> and a quick look at the Black White and Green developer in our August 2021 newsletter here - <https://www.beauphoto.com/wp-content/uploads/newsletters/news2021/aug2021.pdf>

Flic Film makes everything you need for black and white, ECN-2 and C-41 processing, as well as a paper developer.

Fixing film is another point that poses an environmental hazard. **When fixer is used to clear the unexposed silver halides from your freshly developed film or paper, it becomes saturated with silver, which should not ever be dumped in the drain.** Silver is very toxic to aquatic life and is not usually removed with wastewater treatment. Ask your favourite lab if they will take your fixer for recycling. They may charge a fee as it costs them money to run their silver recovery machines.

The washing stage can also have a higher environmental impact. Depending on the method you are using to wash your film, you may be unnecessarily wasting water. When washing, it is important that the water exchanges in the tank, but a fully running tap isn't necessary! A slow flow will do, and use a [wash hose](#) so the water runs through the tank and across the film rather than just into the top and over the edge. Ilford describes an alternative method of washing that uses considerably less water. Check out the washing section of this page on Ilford's website - <https://www.ilfordphoto.com/beginners-guide-processing-film/>

Using Hypo Clear, or Wash Aid will help remove residual fixer and shorten wash times as well.

Using a lab to process your film - If you aren't able to process your film at home and need to take it to a lab, consider going by bike, walking, or going on transit!

This is not meant to be a definitive guide to shooting with film more sustainably, rather it is a starting point to think about ways you can reduce your environmental impact in your analogue workflow. Consider trying some of these suggestions the next time you develop a roll of film!

Experiments in Developing with Chocolate

Thinking about the environmental impact of my photographic practice led me to do some research on alternative developers. Caffenol has been around for quite a while and there are many versions of the recipe. This photographer from Copenhagen has published his recipe on his blog - <https://www.peterbjerg.dk/blog/eco2> I haven't tried it yet, but will in the future. You can also find recipes on the Caffenol.org website <https://www.caffenol.org/> and good resources and information on the London Alternative Photography Collective website. <https://www.londonaltphoto.com/sustainable-darkroom-about>

I was inspired by recipes for [plant based developers that I saw on the Alt Photo website](#), and later adapted it to use with cacao husks. My first few rolls came out very fogged and dark with little image density, but one can't be discouraged by poor results! After working with historic processes for most of my photographic practice, I am familiar with the patience and perseverance required to get good results. I adjusted the recipe by using less washing soda, and my spruce needle developed roll looked quite lovely in my eyes! I also discovered that if I reused the developer, the second roll came out with less fog.



Left: First rolls with Spruce developer. Right: Better results after some adjustments.

I knew that the spruce could be substituted with other plant material, it is the same basic recipe as caffenol after all, so one evening when I had made myself a delicious cup of chocolate tea from cacao husks steeped in water, and then was distracted by something so that my tea got cold, I thought I'd try that as a developer. To my amazement, it worked very well! Less fog than the spruce needle developer and good image density. It also smelled like chocolate! Since then, I have developed several rolls in the chocolate developer and am becoming more particular about negative quality and details in the shadows. I've been experimenting with changing the development time, using anywhere between 10 and 20 minutes, and temperature. I've also been re-using the developer to see how it changes the image density and grain after a few uses.

I will be doing more testing with different trees, plants and of course, more chocolate. For more images, see the blog post <https://www.beauphoto.com/developing-film-with-chocolate/>



Scanned images from chocolate tea developed negatives. The developer does seem to give the film a slight warm tone.

For now, here is the recipe I started with so you can experiment with developers yourself. Remember to keep good notes and only change one variable at a time or you won't know what it was that made that negative look fogged, or maybe look fabulous. I haven't gone into the details about chemical reactions and the reduction of exposed silver halides into metallic silver, there is quite a lot written about this already, but if you are a chemist, you may find this very useful information to look up. If you know what reactions are happening and what each chemical contributes to the process, you can make adjustments to the process

Cacao husk (or other plant material) developer

20g washing soda (sodium carbonate, not baking soda or Borax)

10g powdered vitamin C (ascorbic acid)

500ml chocolate tea (use a typical amount of husks you might make tea to drink)

Tea can be made by pouring boiling water over the plant material and letting it steep for several hours or overnight

Mix the washing soda into the tea, let it dissolve completely.

Mix the ascorbic acid into the tea, use a larger container to mix in as it may fizz up at this point.

Once it has completely dissolved it is ready to use.

I started with developing Kentmere 100 for 15 minutes at 26C

Stop, fix and wash as usual.

I also decided to try enlarging one of the images to develop the paper in the same chocolate developer. It is very slow to come up in the tray, but after a 5 min development, I got a very nice image. The chocolate stains the paper slightly, giving a warm tone print. This is something I will be doing further experiments on as well.



Left: Print developed in chocolate tea developer.

Right: Print developed in Ilford Multigrade paper developer.

Both prints are from a chocolate tea developed negative, and printed on Ilford RC satin paper.

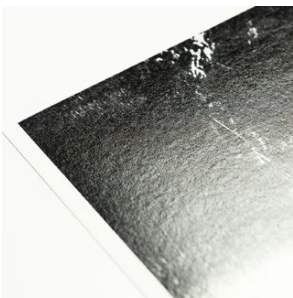
The Last Word

Nic L.

Printing Paper that Provides Power to the Planet!

In last months newsletter (<https://www.beauphoto.com/wp-content/uploads/newsletters/news2022/march22news.pdf>), I spoke about the Juniper Baryta Rag – a 305gsm paper made by US paper company Moab. This month I will talk about its fabrication specifics, which happen to line up perfectly with the environmentally friendly theme of our newsletter this month. I've also had a chance to print on it and will share my thoughts.

Here at Beau, we love bringing power back to the planet – if we can, we take the extra step to reduce our environmental footprint. Moab's Juniper Baryta Rag and the Moenkopi Washi Kozo paper provide us with an inkjet paper option that is both uncompromising on print quality while also being environmentally friendly. There are two primary ingredients that allow these papers to have 'Eco' status: they are made with a wood-based alternative, and have no Optical Brightening Agents (OBAs).



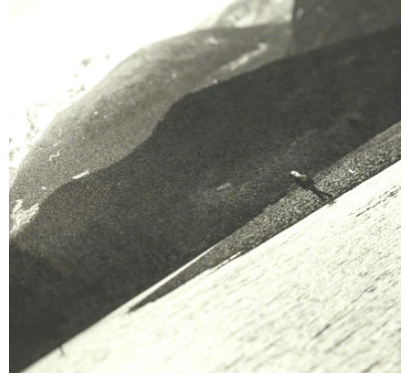
If you like paper similar to darkroom paper with a 'true' texture and feel, then cotton paper is an excellent alternative. The [Moab Juniper Baryta Rag](#) is made of 100% cotton, which is much more environmentally friendly compared to the dominant wood-based paper. Most cotton papers are made from recycled cotton textiles – things like unused pieces of leftover clothing from the textile manufacturing process or even thrown away fast

fashion clothing. Globally, the textile industry creates 92 million tonnes of waste annually. Furthermore, cotton based papers are much more resilient – they last longer, are much stronger, and are considerably more environmentally friendly compared to their wood-based counter part. If you're printing on a consistent basis, consider changing your paper to something that re-vitalizes and re-purposes 'waste' within the textile industry with a paper like the Juniper Baryta Rag paper.

Similar to the Juniper Baryta Rag, yet more unique, [Moab's Moenkopi Washi Kenzo](#) paper is just as environmentally friendly and presents a more traditional approach to inkjet printing. Moenkopi, the Aboriginal name to identify a mud stone layer of rock common in the Moab area, is used to define one of Moab's



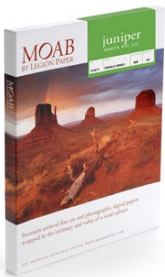
specifically designed Japanese environmentally-friendly papers. The Moenkopi Washi Kenzo paper is made completely out of Kozo (mulberry) fibers. This paper is machine made at the Awagami mill in Tokushima, Japan, and is fabricated using traditional Japanese paper Washi techniques



from all natural mulberry and hemp fibers. Once the paper is fabricated, it is coated to allow for inkjet printing without the addition of Optical Brightening Agents (OBAs). It also has nice deckle edges and a warm white tone.

OBAs are primarily added to coatings of inkjet printing paper, or to the fabricated bases themselves, to help provide a higher brightness/whiteness to the paper. Both the Juniper Baryta Rag and the Moenkopi Washi Kenzo paper have no OBAs as they are seen as unnecessary with these lines of paper. The intentional omission of OBAs substantially reduces the environmental design of these papers and further establishes them as eco-friendly. There is also an advantage to printing without OBAs – the higher the content of OBAs, the more difficult it is for accurate colour management over your final print result!

Want to take your eco-friendly printing a step further? Moab's Moenkopi Bizan 300 is an inkjet paper that is completely handmade using Kozo by Japanese artists at the Awagami Mill. This paper represents the ultimate in Japanese Washi craftsmanship. Moenkopi Bizan 300 can be special ordered through Beau Photo (if you're okay with a small wait time).



Moab Juniper Baryta Rag 8.5x11 (25) - \$44.77

<https://www.beauphoto.com/product/moab-juniper-baryta-rag-305-inkjet-paper-8-5x11/>

Moab Moenkopi Washi Kenzo 8.5x11 (10) - \$51.62

<https://www.beauphoto.com/product/moab-moenkopi-kozo-110gsm-washi-paper-8-5x11/>



Moab Moenkopi Washi Bizan 300 8.5x11

Special order, call us for details

Albums and Presentation

Meghan S.

AGT Photomount

Another one of the companies that we deal with that works with sustainable, recycled products is our Canadian supplier of photo mounts, AGT. AGT offers a variety of classic photo mount options, like folders or easels to display your photos in or present to clients. We have stocked many AGT products for years and appreciate their commitment to being environmentally friendly. Most of their folder stock is 100% recycled paper, with some of the heavyweight papers being the exception at 70% recycled paper or at least 30% post-consumer waste recycled items. All the mills they work with are [FSC \(Forest Stewardship Council\)](#) or [SFI \(Sustainable Forestry Initiative\)](#) certified as well as being 100% green power generated or use electricity offset with certified wind power. Their papers are also archival and acid free without the use of chlorine, which can be very damaging to the environment. AGT also happily donates their cut off paper ends to local schools and daycares to use for arts and crafts projects!

AGT's high quality photo mounts are a staple in event and school photography across the country and we always have some on hand. If you require something we don't stock, we are always happy to order it in! Our folders are also available with wholesale pricing for photographers or businesses. Please contact me at albums@beauphoto.com for any inquiries. Here are a few of the items we keep in stock:

AGT Vancouver Easel,
available in sizes 4x6
or 6x4, 5x7 or 7x5,
8x10 or 10x8 in black
with black keyline



AGT Vancouver Folder,
available in sizes 4x6
or 6x4, 5x7 or 7x5,
8x10 or 10x8 in black
with black keyline.



AGT Safari Mount, a black sports mount that holds one 7x5 and one 3.5x5 in a vertical page orientation. Great for sports or school to hold an individual photo along with a team/class photo.



560 GALLERY UPCOMING EVENTS

<https://www.eventbrite.ca/cc/560-gallery-events-232369>

Capture



April 03 10a - 1p Fine Art Photographers' Marketing Tools by Sally Buck

\$50 includes complimentary coffee, pastries, and a 20% discount promo code on Fine Art Printing at PrintMaker Studio

April 09 7p - 10p BROAD Magazine Launch Party and Exhibition of the Home Edition.

The reception coincides with a month long art exhibition and features music and festivities!

Free!



April 10 10a - 5p Pop-Up Tintype Workshop by Phillip Chin

Phillip takes you through a journey of the wet plate collodion process. You'll experience what it was like to be photographed in the 1850s.

Free to attend! To have your own 5x7" tintype, the cost is \$199, a Capture Photo Fest special.



PrintMaker Studio and Kasko Frame Works are a full service fine art print & custom frame studio located in East Van. Together, we produce 560 Gallery, a locally minded art hub to exhibit emerging and established artists and use innovative approaches in the making and presentation of contemporary art. We offer events and community based programming.

Fine Art Printing - Fine Art Custom Framing
Custom Finishing - Mounting Services - Canvas Stretching
Art Reproduction - Photo Studio Rentals - Workshops

FINE ART PRINTING & CUSTOM FRAMING

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Scanning Services

Get your prints, negatives, and slides scanned so you can share the images with friends and family.



Do you have boxes and albums full of old photographs? We now offer a scanning service brought to you by Photo Expert Scanning. This great new service is a low cost approach that delivers quality images suitable for printing up to 12x18 inch sized prints.



- All scans are jpg format
- Print scans are all 300 DPI. 600 DPI is available on request
- 35mm scans are 2000 x 3000 pixels.
- With a properly exposed, sharp image, scans can easily be printed to 12 x 18 inches.

www.beauphoto.com/scanning-services

Get 10% off archival products with any scanning order! Ask us for details.

Note: this is not an in-house service and takes approximately two weeks from drop-off to completion.