

NATIONAL INSULA OR ASSOCIATION

MAGAZINE FOR INSULATOR COLLECTORS

AUGUST 2021 · Vol. 49, No. 4





THREADLESS INSULATORS WANTED FOR MY COLLECTION & RESEARCH. WILL PAY TOP DOLLAR!

DARIO DIMARE

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COLLECTING INSULATORS SINCE 1967! I AM OLD.

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No, you're not seeing things... that really is a giant pile of aqua insulators, and it's grown a lot since the 2014 National! The Aqua Mound is one of many unique sights to see at Tommy Bolack's Square B Ranch in Farmington, New Mexico. Tommy hosted the 2021 NIA National insulator show — read all about it on pages 30-45!

Would you like to have your photo or artwork featured on the cover of Drip Points Magazine? Contact the Editors at drippoints@nia.org.



Established in 1973, the National Insulator Association is a 501(c)(3)charitable nonprofit organization. Visit us on the web at www.nia.org.

About Drip Points Magazine

Drip Points Magazine is published bi-monthly to all active members of the National Insulator Association.

To purchase ad space or submit content, please email drippoints@nia.org, call (406) 461-7341, or write to: Christian Willis, P.O. Box 2797, Parker, CO 80134.

Publishing Schedule

Issue	#	Deadline	Mailing	
February	1	Jan. 10	Feb. 1	
April	2	Mar. 10	Apr. 1	
June	3	May 10	Jun. 1	
August	4	Jul. 10	Aug. 1	
October	5	Sep. 10	Oct. 1	
December	6	Nov. 10	Dec. 1	

What's in a Name?

"Drip Points" is named after the feature seen on many insulators produced from the 1890s through the 1950s. Drip points are the bumpy protrusions around the base of an insulator. Their purpose was to help draw water off of the insulator.

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WANTED

My Goal is to form a complete

collection of CD styles by June of 2021

IF YOU ARE SELLING, PLEASE GIVE ME THE CHANCE TO TOP YOUR HIGHEST OFFER!

The insulators I need are listed by their CD number in the following columns. Numbers in regular typeface are North American CD's Numbers in Red are Foreign CD's

North	American		Fore	eign		Threadless	Odds &	Ends
10	136.5	334	404.2	570	656.8	700.4	1025	1159
12	139.8	343	404.5	571.7	669.5	723.5	1034	1160.7
25	148	343.5	405.5	583	669.8	724.5	1035	1165
28	181.5	350.3	414	586.5	687.1	728.5	1040	1182
28.5	192.1	365	445.4	591		732.4	1045	
29.5	244.5	370.3	451.5	595		784	1052.5	
30	245-cup	374	451.6	607			1066.5	
30.5	303.5	377.7	480	607.5			1100	
33	313	378.4	533	610.2			1102.3	
45	313.1	379.3	537.4	613			1102.5	
61		380.1	563.2	625.5			1103	
109.7		404	567.5	653.5			1127	



THESE YUMMIES ARE LOOKING FOR MORE NEW FRIENDS

FOR CASH CONTACT:

Tommy Bolack 3901 Bloomfield Hwy. Farminton, NM 87401 (505) 325-7873

NIA PRESIDENT

DARRYL WAGNER * NIA #8671

Hello fellow NIA Members,

We are recently back from the National in Farmington, NM and met with quite a few of you there. It is always good to get together and see friends. Of course there is never enough time to talk to everyone, but hope that I was able to greet many of you.

Want to thank Tommy Bolack for a great National Show. His generosity to the dealers and attendees is greatly appreciated. Also want to thank Lou Hall for his efforts as the Show Coordinator, to keep things organized and running smoothly. The show report later in this issue will give you more information about the show.

There are several members that I would like to acknowledge. We had two Outstanding Service Awards given this year. Doug Rusher, our current Ad Manager and Assistant Editor of Drip Points for his support of the hobby and the NIA. Bill Meier also was awarded the Outstanding Service award for his ongoing efforts with ICON, insulators. info, the NIA and the hobby in general. Thanks to them both for their service to the NIA and the Insulator Collecting Hobby.

There was one couple that achieved the NIA's highest award, the Lifetime Membership Award. This was given to Bill Rohde and Kathleen McClanahan. Bill and his family have been benefactors to the hobby for years. In recent times Kat has been at Bill's side as he has continued to host a yearly show and serve the NIA.

My congratulations to all of the NIA Award Recipients at the National. Would also like to thank all that attended the National. Shows can only exist if we have dealers and attendees, as our organization is only as strong as our members support and I thank you all for that.

We had our first "in person" Board meeting in two years. Most of

what was covered was going over Board Reports from the various Board Members, Advisors and Committee Chairs. The expansion of the NIA Website and the addition of the new Companion website were discussed. Our Webmaster, Bob Berry has continued to improve the Insulator Galleries and is working on adding more content. If you haven't visited https://companion.nia.org, you should do so. It is a growing site and more information will be added as time permits and contributors contribute. The NIA budget always takes some time to manage and approve, as we go through all of the reports and requests.

Also... ATTENTION ALL SHOW HOSTS!!! The NIA now has a place for you to list and update your show information. Go to https://companion.nia.org or from the main NIA website https://nia.org, click on "Announcing the NIA Companion" tab to be connected. You need to register if you want to list a show, but you could have another registered member list it for you, however, I would encourage everyone to register as a member and check the companion out. After logging in, go to "Shows and Events" and you can enter the information about your shows. If you are a member, you can do updates and revisions as needed. Any show listing and updates will be forwarded to Drip Points, insulators.info and All Insulators. This way all sites are being notified. If you have any questions about this, email myself or the technology committee.

Again, was good to meet with friends again and hope to see some of you at shows later this year.

Happy Collecting! ▲





EVENTS COMMITTEE CHAIR

GENE HAWKINS * NIA #421

The Events Committee is calling all potential 2024 show hosts to submit letters of intent to me by Monday, November 1st 2021. Please contact me if you are interested, need assistance in submitting a

Please contact me if you are interested, need assistance in submitting a letter etc. We have some very knowledgeable committee members who can help make the process much easier.

In 2024 the National should be in the Central Region, but if you are

in a different region and still interested in hosting the 2024 National, please contact me.

Thanks for considering hosting a National.

Gene Hawkins



NIA INFORMATION DIRECTOR & DRIP POINTS MANAGING EDITOR

CHRISTIAN WILLIS * NIA #5185

I'd say the Farmington National was a great success, and a much needed respite from the past year of quarantines and isolation. It was great to see everyone at the show! A great big thank you to Tommy Bolack for hosting, Lou Hall for coordinating, and to Mike Green who took an amazing amount of photos of the show and put together a top-notch show report! I would also like to thank everyone who approached me with their kind words about Drip Points—I'm truly glad you're enjoying the magazine. As always, if you have a suggestion for content or ways to improve the magazine, please reach out.

All three of our children (Christian Jr., Caitlin & Ethan) came home with many additions to their budding insulator collections. Even I managed to find some pieces to add to my Hemingray collection, including one I had been looking for since I saw one at the age of 12 at the 1993 Denver National!

On the trip home, we stopped at several National Parks and Monuments: Aztec Ruins, Grand Canyon, Zion, and Bryce Canyon. Despite the scorching, triple-digit heat, we saw some truly amazing sights, and have lifelong memories to remember. And just like my parents would do for me during my childhood, I made a point to stop at every antique shop we could find on the way home, and we managed to find several fun and interesting pieces there as well; some of our favorites are pictured below.

Christian Willis



OUR FAVORITE COLORADO & UTAH ANTIQUE SHOP FINDS FROM THE TRIP HOME. "SADLY", NO \$60 ROYAL PURPLE CANADIAN PONIES WERE FOUND.

DIRECTORY COMMITTEE CHAIR

NATHAN HOLMES * NIA #4002

The deadline for the 2021/2022 printed Insulator Collectors Directory is rapidly approaching – August 31, 2021! We'll be merging all new registrations and NIA membership changes into the directory database starting September 1. For all of you who checked "yes" to be included on your NIA membership application or renewal, you're guaranteed to be included. If you'd like to include additional information, such as what you specialize in, be sure to log in on the online directory – www.insulatorcollectors.org – and put that information in your profile.

Please help us spread the word about the directory, particularly to folks who are not NIA members. Anyone with an interest in insulators, no matter their affiliations, is welcome to be included and can register directly on the website. The more collectors we can get to participate, the more valuable the directory is for all of us.

The printed directories will go to press in October and be mailed to those who pre-ordered around early November. If you haven't yet pre-ordered your 2021/2022 printed directory, the pre-order NIA member discount price of \$7 is good until we go to press. I use mine constantly to look up various collectors, and find the printed version to be an amazing reference both at home and while I'm traveling. If you have not yet reserved your copies, you can purchase them directly

from the website at www.insulatorcollectors.org/purchase

That said, the new printed directory needs a cover photo and we want to feature yours! If you have a vertical photograph that you think would look great on the cover, please submit it to me at directory@nia.org no later than September 15 for consideration. We'll pick a winner from all photos submitted in September, and that winner will receive both a free copy of the directory as well as bragging rights all year long.

Also, I just want to remind you that advertising in the directory is a tremendous value and space is still available. You can get your full-color ad in front of hundreds of collectors all year long, while also helping us fund this valuable hobby resource. It's a great way to reach that person who might have just that piece or collection that you've been seeking. Contact myself (directory@nia.org) or Doug Rusher (promotions@nia.org) for details – we'd be happy to help. **A**

Nathan Ftolmes

WESTERN REGION VP

ROGER ZIESAK * NIA #8919

The 2021 National - Those Big Decisions

I was ready for the National. I had my sales stock figured out, I knew the go-withs I was going to take, and I had a pretty good idea of what I was going to look for. I stayed at my tables for the first three hours or so and then it had settled down enough for me to do a recon mission and find the wish list stuff. That lasted for about two rows of tables as I kept finding all of these wonderful things! Bucket list stuff! I did make a couple of lesser value purchases and then took care of sales for a while. Went wandering again since I didn't get to the back two rows and found a few more jewels. I was having a good day. Sales were OK and I still had a few bucks. So then came the challenge of how to focus on a few special bucket list pieces. I spotted a bright yellow green CD 199. I love the greens, especially a screamer yellow green. The piece had a crack but that made it affordable. I did a little haggling with the owner who very graciously cut me a little slack and I was able to add it to my collection. I'll sell the blue one I picked up, oddly enough at the last Farmington National, to help offset the cost. I was a happy boy.

There were many other pieces around the floor that were amazing as well. Someday, someday I told myself. Then on another wander I spotted a CD133 Rd No 154745, light green with a nice snaky milk swirl through the skirt. The color was not vivid, and neither was the milk, but the embossing caught my eye. I knew these were scarce and this one is in particularly good shape, not mint but darn close. Well, I looked it over, asked about the price and looked it over some more, like we all do with that certain piece of glass. I put it back but proceeded to think

about it for a day. Checked it over a few more times and then made the deal. No room on this price but I felt the price was very fair.

Now the purchase of these two pieces definitely put a crimp in my budget plan but I still look at them and smile. It took a lot of thought to decide to buy these insulators and it amounted to more than I had ever spent on a single insulator for one of them with the other a somewhat close second. I spent most of my time after that tending to my sales table trying to get to that magical break-even number. Didn't happen, but I got closer than I figured. I had no pre-show purchases arranged and I went in with a fairly open mind on what I was looking for. A short want list that is always subject to change and a few bucks in my pocket.

In closing, how do you decide how much to spend? For me, I kept my worries to a minimum and got into the frenzy of it all because that's where the fun is. After all, it is the best hobby there is, isn't it?

I do want to thank our gracious host for the National, Tommy Bolack, and all of the people who made it a really very good National. Thank you.

Upcoming Western Region Shows: Mayer, AZ, Bend, OR, Fresno, CA, and Helena, MT. See you there! ▲





ANNOUNCING 3D Printed Place Holders CD 265 Embossed Fisher CD 181.5 Unembossed "SPACEMAN"

CD 141.9 EMMINGER ALL ARE MARKED REPRODUCTION as per NIA Rules

Replicas of rare insulators. Place setters until someone buys you that \$20,000 insulator for your birthday.

Full sized, threaded when insulator has threads. Drip points when insulator has drip points. 3d Printed in resin. Smooth as glass. In actual colors and fantasy colors. Minis, earrings.

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See our other Ad for other CD'S available

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Contact **Bill Snyder** NIA #10078 321-368-0490



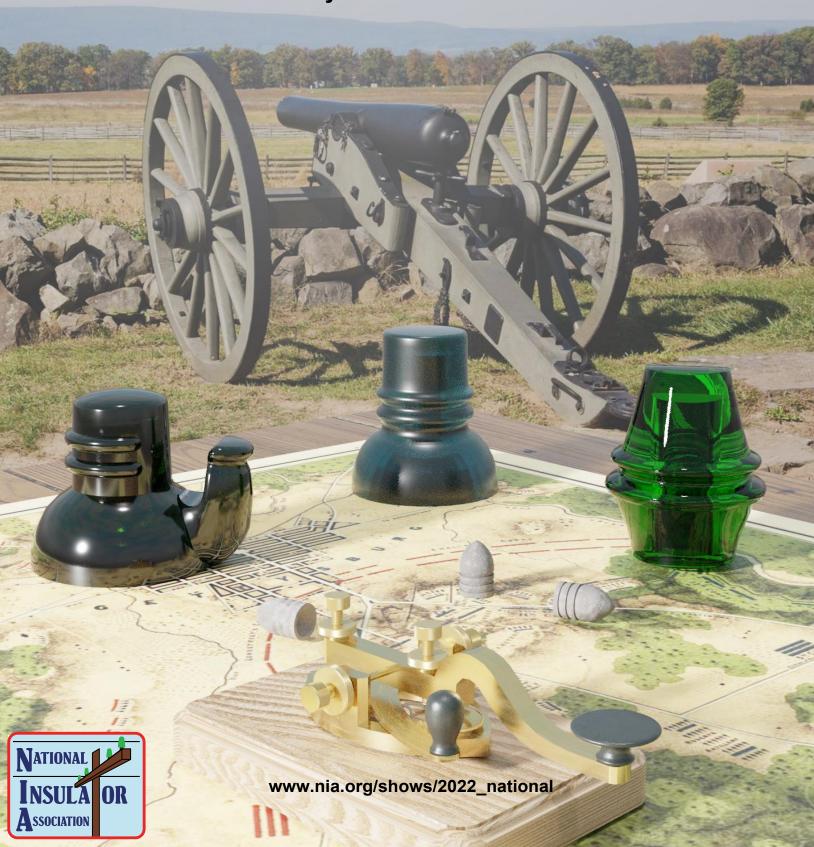




53rd Annual NIA National Show

GETTYSBURG

At the Wyndham Gettysburg 95 Presidential Circle, Gettysburg, PA July 29th – 31st 2022

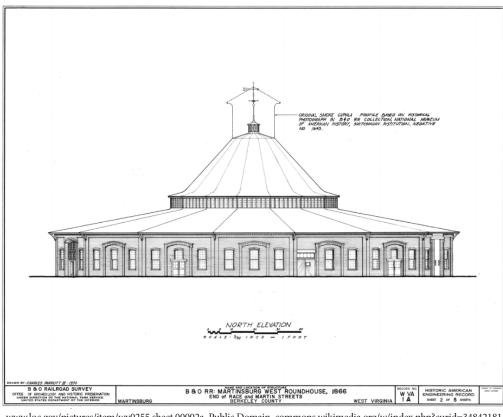


EASTERN REGION VP

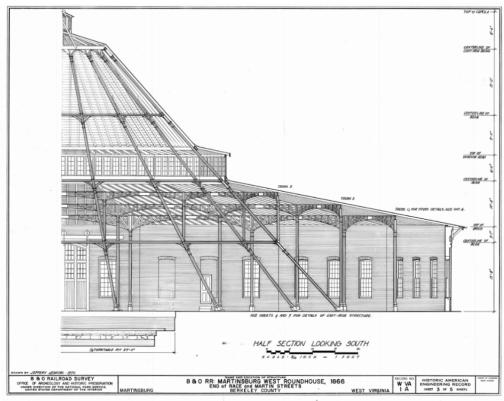
GUS STAFFORD * NIA #8871

Insulator Shows are back! On the heels of a great National out in Farmington, New Mexico, we have a full range of shows scheduled in the East. By the time this article is published, we will have already had shows in Pennsylvania and Florida, with Massachusetts, North Carolina and West Virginia in August, and back in Pennsylvania and Massachusetts in September.

The Chesapeake Bay Insulator Club is holding its 21st annual Shenandoah Insulator Show and Sale in the B&O Railroad Roundhouse on Saturday, August 14, 2021. The Martinsburg Roundhouse offers activities for history buffs and architecture aficionados alike. The center includes three buildings situated on 13 acres in Berkeley County, W.Va., and though these buildings date back to 1866, they are not the originals. Reconstruction took place after Thomas "Stonewall" Jackson had ravaged the area during the Civil War,



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www.loc.gov/pictures/item/wv0255.sheet.00003a, Public Domain, commons.wikimedia.org/w/index.php?curid=34842188

destroying 100 miles of telegraph wire (Where are those insulators?).

One of the last of its kind, the Roundhouse's structure is made up of modular cast iron components. In order to be able to easily rebuild in a remote location, B&O architects and engineers designed a construction method that utilized readily available materials with a design influenced by French architects of that time. The end result is a simple and elegant building and is one of the only ironframed roundhouses still standing.





EASTERN REGION VP

2022 NATIONAL UPDATE



The Martinsburg Show is an annual pilgrimage for CBIC Members, as the CD 136 B&O is our club's symbol.

And, of course, for the porcelain collectors, there's also the U-293A representing the B&O.



https://www.worthpoint.com/worthopedia/o-railroad-baltimore-ohio-white-1801431713

Speaking of shows, the 2022 NIA National Show and Convention on July 29th - 31st is in Gettysburg, Pennsylvania. The Wyndham Gettysburg is located two short miles from the Battlefield that changed the course of our Nation's History. The Hotel is surrounded by countless historic sites, as well as outlet malls, antique stores, and family friendly venues for all ages. The Wyndham has a helpful concierge service to assist you in finding activities external to those offered by the National Show. For reservations (after 27 July 2021) call 717-339-0020 extension 0 to talk to a hotel representative. Our Group Code is: 072722NAT



All activities for the show occur at the Wyndham. The Presidential Ballroom serves as our main show hall with 8,901 square feet, while the NIA General Membership meeting and NIA Awards Banquet take place in the 5,360 square foot Pre-Function Space. Adjacent smaller rooms facilitate the board meeting, special displays, etc. The building is air conditioned, with WiFi access throughout. There is ample parking, and all loading and unloading are at ground level.

The Chesapeake Bay Insulator Club is the overall sponsor for the NIA National Show, while your show hosts are:

Gus Stafford, 816 Flintlock Ridge Road, Mechanicsburg, PA 17055 <u>Gus.Stafford@gmail.com</u> Mary Ann Pike, 1280 Sugar Run Rd, Venetia, PA 15367, <u>mapike@earthlink.net</u> Justin & Emily Stoudt, 1531 Helffrich Rd, Kutztown, PA 19530, <u>justin@theinsulatorstore.com</u> Steve Gosciminski, 118 Tyson School Road, Catawissa, PA 17820, <u>rcpandc@yahoo.com</u>

2021 COMMEMORATIVE: CLEARLY GOLD

52ND NIA NATIONAL CONVENTION * JULY 2-4, 2021, FARMINGTON, NM







REGULAR



EMBOSSED ON THE DOME



EMBOSSED ON THE BASE OF REGULAR POUR COMMEMORATIVE

This year's NIA Commemorative has been a great success. As the first ever insulator with 24k gold leaf in it, they have been well received. As you receive your orders, please remember that we used an art glass studio for the production of this year's commemorative. That being said, expect crudeness, overpours, annealing cracks, etc. The solid pours were sold out before the National even started, but we were able to have a special second pour of 20 more solid pours. These are \$75 each, postpaid and several have already been spoken for. If you want a solid pour, don't wait, order quickly. We do have a very limited number of underpours of the Clearly Gold. These are available at \$45 each.

We had a show special in that there were a limited quantity of mold warmers done in sapphire blue and clear. Most of these sold at the National and the remaining 8 sold out very quickly after an email notification.

As of August 1st, you can order any quantity, of what inventory remains. There will be a \$5 discount for each additional regular pour ordered, if shipped together.

As always, everything is dependent upon availability.

Note: Solid pours are not plunged. They vary in size and can be crude. They may lean or have flaws and they have no base markings.

History of the National Show Commemoratives: "Collecting Our History"

Being an enthusiastic insulator collector, Frank Miller of Tulsa, Oklahoma went home from the First National Insulator Meet (that's what the "National" show was referred to as in 1970) held in New Castle, Indiana with an idea that collectors should have something by which they could remember the National meets. After months of struggling, he managed to have an insulator mold made. Frank said it was often referred to as "Frank's Last Folly" since he retired from teaching shortly thereafter. He also said it was worth the struggle. The commemorative insulator he designed replicated the early threadless "Pilgrim Hat" (CD 736) and is almost 4 inches high and is 31/4 inches across at the base. Since 1970, the glass commemorative has marked the National show event with new embossing for the location and a new color of glass. In 1979, the project continued on by John & Carol McDougald of Sedona, AZ. John and Carol produced the yearly commemoratives through 2009, at which time they donated the production to the National Insulator Association starting with the 2010 commemorative. Any profits made from the NIA Commemoratives go directly to benefit the National Insulator Association, a 501(c)(3).

To place your order online, please visit: https://www.nia.org/products/commemorative/
We accept PayPal.

Alternately, you can send your order and payment to:

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14615 Skyview Ave.
Smithville, MO 64089
(816) 719-0801

commemorative@nia.org

Please make checks payable to "NIA".

If you have additional questions or live outside the continental United States, please contact me by phone or email prior to your order. Thanks!



IN MEMORIAM: ELOISE HALTMAN

JUNE 11, 1937 - JUNE 1, 2021 * NIA #3806

An icon in our hobby was recently laid to rest in Cathedral City, CA. Eloise Haltman passed away on June 1, 2021. Eloise started collecting insulators for one of her sons when he acquired an interest in them as a youngster. Many years later, I believe it was in the mid-1980s, she was reintroduced into the hobby of insulator collecting and the spark was reignited. Butch began to assist her with acquiring insulators for her growing collection, then became as deeply involved in collecting as she was. They eventually amassed the most complete collection of North American glass insulators ever assembled at the time, owning many "one-of-a-kinds" and rare CDs.

When Butch passed away 6 years ago, Eloise lost interest in collecting and the contents of the collection was dispersed to other collectors that are now enjoying the many special gems it once held. An important chapter in our hobby is now finalized. Butch and Eloise became close friends with us over the years and we miss them greatly. There is certainly a huge void in our hobby without them. May they both rest in peace together now. ** Submitted by Dwayne Anthony**



ELOISE AND BUTCH HALTMAN, AS PICTURED IN FORBES MAGAZINE, JULY 19, 1993.



HIGHLAND PATTERN INSULATORS AND THE HIGHLAND RAILWAY

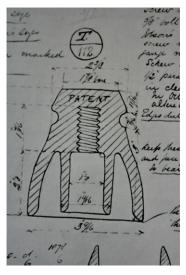
BY JACK NESBIT * DRIP POINTS STAFF WRITER

Following my write up on the cordeaux insulator, I thought I would take you all back in time a bit further and look at one of its predecessors – the Highland Pattern. This was really one of the standard patterns used by the post office in the UK before the cordeaux as we know it appeared in the late 1870s - but it has gained the unofficial name of "Highland Pattern" due to it being used on the Highland Railway between Dingwall and Kyle of Lochalsh, in the Highlands of Scotland.

It is thought that this insulator originated in the 1870s, the first ones

being threadless and cemented on to chunky pins, similar to those used for Varleys. Into the later 1870s it seems they were also made with a threaded pinhole (picture two, courtesy of Sue Taylors book "Bullers of Milton"), probably after the invention of the cordeaux patent. Various flared bell shaped insulators had been used through the 1860s in the UK, and in picture three I've shown an early flared pattern known as Clarkes Patent - which is most likely what the highland pattern developed from (picture courtesy of Gene Kingsley, Insulator located in the Amberley museum collection).









PICTURE 1 PICTURE 2 PICTURE 3 PICTURE 4

There also existed a slim version of the highland pattern which was single shedded and probably for lighter usage. These were contemporary with the standard larger pattern, and probably lasted just as long. One of these is shown in **picture four** – thanks again to Gene K. for the picture.

An early Highland Pattern is shown in **pictures five and six**. It has the characteristic wide flare of early bell shaped insulators, and the outer shed is quite thin and fragile. Of particular interest is the inner shed, also very thin, which hugs the pin tightly. I suspect this insulator to be an early Doulton product, but this suspicion remains unconfirmed as the only markings are an "X" scored into the inside of the outer shed, and a "K" stamped on the very top.







PICTURE 5 PICTURE 6 PICTURE 7

HIGHLAND PATTERN INSULATORS AND THE HIGHLAND RAILWAY

(CONTINUED)







PICTURE 8 PICTURE 9 PICTURE 10

Another old example is shown in **picture seven**. This one is made from bright white porcelain and was recovered by Gene Kinglsey from an old Post Office trunk line pole.

Many of the earlier highland patterns seem to have employed the narrow inner like my Doulton example, and the obvious downside to such tight inner sheds is that most found these days have fallen victim to corrosion and expansion of the pin – destroying the fragile porcelain.

A pristine example is shown in **picture seven**, and this one has a wider inner. It is well made and marked with a "J" on top. Insulator sense would say that this piece is slightly later and that the wider inner was a development, but a handful of others have been found with the same marking and seemingly by the same maker – all with the narrow inner. It remains a mystery.

Picture eight shows an incredibly rare variant, made by Grainger & Co., Worcester. It doesn't have such a pronounced flare as the others but is very thin and fragile like the early (suspected) Doulton piece. The inner shed is again, more open and appears quite crudely turned. Less than ten of these insulators are known, and they are all marked "Grainger Worcester".

Other known markings include "Reid Bros - London", "Silvertown Telegraph Works" and "Buller Jobson and Co. Limited, Dudley, England".

At the start of this article I mentioned the Highland Railway between Dingwall and Kyle of Lochalsh (originally the Dingwall and Skye Railway, opened in 1870), where a number of highland pattern insulators have surfaced over the years. So I'll plunge into another hunting story, or rather a compilation of 'snippets' all linked by the same railway.

In 2016 I decided to make an effort to hunt the Dingwall to Kyle line, joined by fellow collectors Edd Bird and Gav Minns. It was after reading W. K. Neals book and seeing his example which was recovered from that line – I thought "there must be a few more out there?"

We first had some luck on a bleak stretch near Achnasheen where we stumbled across a run of poles buried in the undergrowth near the track – some containing Varley No.8s in varying condition (Picture ten). This was great, and our excitement peaked when we spotted an arm sticking out of the bank with nothing less than a broken highland pattern top on it! Closer to the station, on an embankment, we got our first proper highland experience when Edd uncovered a split but repairable one from a half buried pole. We were getting warmer.







PICTURE 11 PICTURE 12 PICTURE 13

HIGHLAND PATTERN INSULATORS AND THE HIGHLAND RAILWAY

(CONTINUED)

Our next hunt revealed a rather surreal selection of treasures. Near Achnashellach the line winds through a narrow wooded valley and all of the telegraph poles had been chopped down and discarded over the fence into the trees, some time in the 1980s.

We first began to find poles containing old stoneware cordeaux (picture nine), and before long an unusual broken Varley Z type was found. A few poles later I got a bit of a shock when I scrambled down to check out what I thought was a whole Varley No.8 and quickly realised that it was actually one of the rarest Varleys – a No.11 (Picture ten)! The pole was lying across a small stream, making removal of the insulator easy while Edd and Gav continued ahead.

After finding a few more stoneware cordeaux and finally catching up with the other two, we all headed back to a location closer to where we had discovered the broken highland patterns. It is here that the insulator shown in pictures five and six was found. It had survived on an incredibly buried pole and was a fantastic sight when I unearthed it - I was struck by how fragile and ancient it looked. Two more of the unusual Z type were also found nearby, this time in mint condition. We later concluded that these were a special type used only on this line, and they are subtly flared to look more like a highland pattern (Pictures 11 and 12).

A return visit to that section in 2017 yielded the first broken pieces of a Grainger Worcester highland, which we were unaware had even been used on the line. We also scoured the Achnashellach valley section two more times and a total of five whole "highland z types" were found on poles that we had missed. Perhaps the most interesting piece to come from Achnashellach was a small single piece Varley No.11 marked "Reid Bros", with a dainty round collar spindle (Picture 13). Once again I couldn't believe our luck when I pulled the moss back from the

arm and saw an insulator dating to 1870 still bolted in place.

This is the only time I have hunted a railway in the UK where such a large portion of early or original insulators were left on the poles until the open wires were removed.

Incredibly, two mint Grainger Worcester highland pattern insulators have been recovered from the Dingwall to Kyle line – the first found by Edd in 2017 near Garve. The second one, shown in picture eight, I found about a mile away in 2018. I was trudging along the embankment not spotting much in the way of poles when I caught sight of a tin pole cap and rotten crossarms ahead. I didn't rush as I suspected it was something we had already checked out on a previous trip, but as I grew closer I could see a highland pattern top sticking out of the undergrowth. Then I noticed the shape and quickly realised that it was a Grainger! I was glad to pull the grass back and see the marking, and the super condition. The insulator shown in picture eight was also found on the same day.

Over the many return trips, we covered all of the huntable sections of the Kyle line and recovered about eleven highland patterns – mostly damaged but showing at least four variations in terms of manufacture. They must have been put into use during the 1870s, perhaps as a trial run or perhaps just some surplus insulators bought from the Post Office.

While no other Highland Railway section is known to have used this pattern, broken examples have been found on various lines across the whole UK – proving their widespread usage. I really hope there are more still waiting to be found, maybe with markings like "Reid Bros" or "Silvertown Telegraph Works"!



PICTURE 14



PICTURE 15



DOUBLE TROLLEY BRACKET RESTORATION

BY MICHAEL "MR. CABLE" DELOIA

A friend of mine came across an incredible find in a swampy area in a rural area in NY State. It was a double trolley bracket. My guess is it's late 1890's -1910's it was in really tough shape. I was excited to see it since it's a go-with for my helmets. They most certainly would & could have been used together. The rust was deep on them, and the pole itself was rotted completely through. One bracket appeared better in condition as it wasn't submerged in the swamp. The embossing on the brackets reads"Electric R'Y Equipment Co. Cincinnati Oh U.S.A" I decided to have a friend of mine sand blast the rust off to see exactly what we had but first it needed to be disassembled. So I had another friend use a torch to heat the old rusted bolts. It was certainly a project doing this. Once disassembled, it was off to clear the rust. I was actually surprised it wasn't worse in condition sitting in a swamp for most likely decades. I was torn as what color to paint the steel. I decided to go as it was factory new. We used a steel color. The end result is in my opinion a truly amazing piece of history saved. I used a metal fence post to replace the original one. I'm extremely fortunate to have this in my collection.















2021 SPOKANISTAN SHOW

SHOW REPORT BY ROGER ZIESAK * NIA #8919

Spokanistan was a beautiful thing this year. Great turnout, great location with room for everybody, great food, and great hosts. Well done all around. In the crazy world leading up to the show it was questionable whether it could even happen. Dan and Kelly Simmons stepped in and with help from the Burger clans and probably a few others did insulatordom proud.

According to Brent, "the genesis of Spudfest was listening to other collectors lament the lack of a cabin fever bustin' spring show in the northwest, after the legendary Enumclaw show fizzled out. Widdo Bwudder had done a successful Spokane show in the past, but it fell apart, due to sharing the show at another venue and some organizational issues. Thinking we combine the spring show idea with my favorite annual event - the Yuhas Shindig - the idea of Spudfest was born. Spring show, exceptional venue, and food that is not ordinary potluck. That all came together again this year in a way that was larger than ever before. I counted 121 people at the show around 1100 on Saturday, and some present on Friday had already left. We rented 40

tables, supplied a few ourselves, and people brought their own. I did not do a count, but there were no empty tables. My guess would be 50+ dealers. The offerings were pretty terrific for both mud and glass, and there was lots of exceptional hardware and sign sort of things. I can't remember ever seeing so many people selling pins and brackets at ANY show."

The weather could not have been nicer. Every detail seemed to come together properly although I was too busy buying and selling and yakking with folks to see any of the behind-the-scenes work.

I also appreciated the tribute to Chuck Irwin.

There were many above average pieces of glass and mud and most of it changed owners. I brought home about 30 new pieces for the collection and sold more than that and I got there late. Next year when they say it starts at 8 AM on Friday I'm gonna show up at 8 AM. You should too.



























HUCKLEBERRY INTERURBAN TROLLEY SYSTEM

BY JOHN DESOUSA * NIA #419

In the Berkshires of Western Massachusetts there's a 1911 interurban trolley line that ran for 24 miles through dense woods, mountains and streams. The area hunted consisted of steep grades and sharp curves so safety "catch tracks" were installed to assist in slowing down the trolley cars. Riders would depart as they rolled the trolley car back onto the main track. Waiting riders would pick huckleberries and therefore the line was named the Huckleberry Trolley Line.

After 110 years rail ties can still be found and original embossed hardware, poles, cross arms and multi-insulators. Catenary hardware embossed Anderson-Boston and M-3150 incused Victor insulators.





1912 showing one of the "catch tracks". The girl on the left with a bucket of huckleberries. Picture on the right is what it looks like today.





We found the line from old pictures and maps. In town you can see our beginning point.



Power for the catenary power cable used the M-3150 incuse Victors



M-3150 Victors

YOU CANNOT AFFORD TO EXPERIMENT!

: : : Satisfactory Results Everywhere

"LOCKE" INSULATORS





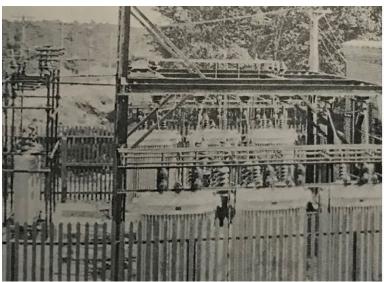


110-year-old rail ties still in place





Catenary parts can still be found with the embossing Anderson-Boston





Two substations along the line. Otis as seen in the 1920's and the Lee Substation at the beginning of the line still exist today.



In some areas, you can still find the original poles.



Trolley catenary wooden spools can still be found.



Digging cross arms out of the muck that were like new and under the cross-arm iron pins.

CORNER (CORNER

BY CHRISTIAN WILLIS * NIA #5185

In this new multipart (no pun intended) series of Hemingray Corner, we're going to go beyond the typical, well-known Hemingray pintype insulators, and start looking into the less-explored, non-pintype varieties: spools, bushings, floor tubes, and other specialized applications. While these may not be considered "main-stream" insulators, they are nonetheless very much part of the company's history and there are some crazy collectors out there (like me) who actually collect these!

For Part 1, we'll talk about the CD 1052 dead-end insulator, the venerable Hemingray-518 / D-518. The D stands for Distribution—these were intended for secondary power distribution. We know 2 companies manufactured the CD 1052 in quantity: Hemingray and Whitall Tatum. It appears Brookfield may have looked into producing one as well, as there is one known specimen in aqua that was reportedly dug from the Brookfield dump (see Drip Points April 2021 issue, page 23). However, Hemingray was by far the biggest manufacturer of this insulator—any specimens in the price guide embossed with No Name (D_518), Hemingray, and St. Louis Malleable are all Hemingray products. Even the No Embossing [010].

In the 1930s, Hemingray produced these in ice blue, amber (referred to by Hemingray as "brown glass"), and carnival. In the 1940s and later, these can be found in clear, off clear, and straw. Most had a lead bushing installed inside the bolt hole, and Hemingray catalogs denoted these as "No.518LB" for Lead-Bushed. See the ad on the right explaining the benefits of the lead bushing.

Many, *many* CD 1052 specimens have been found in the Muncie Hemingray Dump, and many have unpunched bolt holes—a layer of glass covered one end of the hole as it was molded, and it was later punched out as part of the manufacturing process. I've heard collectors refer to these by many terms, including "slug", "plug", and "cap". Whichever term you prefer, an unpunched one is a clear indicator that the insulator never saw service.

One other unique feature that isn't currently reflected in the price guide is most (but not all) Hemingray-518 embossed pieces have shallow threads inside the bolt hole. It is very uncommon to find an unthreaded Hemingray embossed piece, but Richard Case has seen some over the years (and I was fortunate enough to pick one up from him at the Farmington National — thank you Richard!) I believe the inverse is also true; I have never seen a *non*-Hemingray-embossed CD 1052 *with* threads. If you've seen one, please let me know!

As these have gained in popularity recently, more and more embossings are being discovered. In fact, two new unlisted pieces can be seen on the next page. Remember to keep a sharp eye out; there are still new embossings out there just waiting to be discovered!



ABOVE, LEFT: TYPICAL NO NAME D_518 IN ICE BLUE WITH LEAD BUSHING. **ABOVE, RIGHT:** NO EMBOSSING "MINI MOLD" VARIANT, WHICH IS ABOUT $\frac{1}{8}$ " SMALLER IN HEIGHT AND WIDTH; ALL SPECIMENS I'VE SEEN SO FAR ARE CARNIVAL, HAVE AN UNPUNCHED BOLT HOLE, AND A METAL SLEEVE INSTALLED. THESE WERE CLEARLY DUMP PIECES; POSSIBLY A PROTOTYPE OF THE FINAL CD 1052 DESIGN?



HEMINGRAY 518-LB (LEAD BUSHED) ADDS UNIFORMITY TO HIGH MECHANICAL STRENGTH

THAT SMOOTH.
UNIFORM BOLT HOLE MEANS LASTING ECONOMY

In addition to the inherent qualities of glass — non-deterioration, non-absorption of moisture, high dielectric strength, and ease of inspection—this spool-type insulator offers other advantages: Low original

inspection—this spool-type insulator offers other advantages: Low original cost . . . Greater Strength because of the lead sleeve (it withstands 4,200 pounds lateral pull, the stress being distributed over a large bearing area) . . . No Single Point Contacts with

Bolt . . . Fewer Maintenance Problems. Hemingray 518-LB's are obtainable in clear or brown glass.

OWENS-ILLINOIS GLASS COMPANY

First in Glass

First in Glass
HEMINGRAY DIVISION
MUNCIE, INDIANA

ABOVE: A DECEMBER 1938 OWENS-ILLINOIS SMALL ADVERTISING CALENDAR & NOTEPAD, WITH AN AD INSIDE FOR THE 518-LB (LEAD BUSHED) INSULATOR.



ODDS & DEAD-ENDS (PART 1)

CD 1052 HEMINGRAY-518



ABOVE: UNLISTED CD 1052 NO NAME: (F-BELOW WIRE GROOVE) D_518 (R-BELOW WIRE GROOVE) 2. THIS EMBOSSING PREDATES THE ADDITION OF "MADE IN U.S.A." ON THE BACK, ALSO NOTE THE EXTENDED, SQUARED "INNER SKIRT".



ABOVE: UNLISTED CD 1052 HEMINGRAY-518 EM-BOSSED WITH A SMALL MOLD NUMBER "5". THIS PIECE ALSO HAS AN UNTHREADED BOLT HOLE (VERY UNCOM-MON FOR A HEMINGRAY EMBOSSED PIECE). PICTURED UPSIDE-DOWN TO SHOW THE MOLD NUMBER.



ABOVE: HEMINGRAY-518 "TAPER TOP" MOLD VARIANT. NOTE THE SLOPED TOP. THIS PIECE ALSO HAS THE UNCOMMON, LARGER ³/16" EMBOSSING STYLE (SEE MIDDLE PHOTO ON RIGHT)



ST. LOUIS MALLEABLE [010]

3/16" EMBOSSING SIZE

MOLD NUMBER "1"

UNTHREADED BOLT HOLE

HEMINGRAY [010]
³/16" EMBOSSING SIZE
"TAPER TOP" MOLD
THREADED BOLT HOLE

HEMINGRAY [UNLISTED]

½" EMBOSSING SIZE

MOLD NUMBER "5"

UNTHREADED BOLT HOLE



ST. LOUIS MALLEABLE [020]
AMBER DUMP PIECE; UNPUNCHED
& UNTHREADED BOLT HOLE



NO EMBOSSING [010]
CLEAR
UNTHREADED BOLT HOLE



NO NAME [010]

DARK RED AMBER

UNTHREADED BOLT HOLE



HEMINGRAY [010] FLASHED AMBER THREADED BOLT HOLE



80 INTERESTING INSULATOR INFORMATION ITEMS ABOUT 800 INSULATORS PRICED AND ILLUSTRATED

BY RICK SOLLER * NIA #2958

In 2007, I wrote a booklet titled, "80 Interesting Insulator Information Items about 800 Insulators Priced and Illustrated." Less than 20 copies were made and sold so if you have one, you have a real rarity, espe-

cially since I can no longer find the finished Word document and only have random bits of a rough draft.

The book drew my attention because it was the first book on insulators I and many other collectors purchased. Doug Netzke recounts the same story on his web site. The success of the book, originally published in 1971, is suggested by the multiple printings made by the publisher, Collector Books (Bill Schroeder) of Paducah, Kentucky. The 68-page book was being reprinted at least up to 1981.

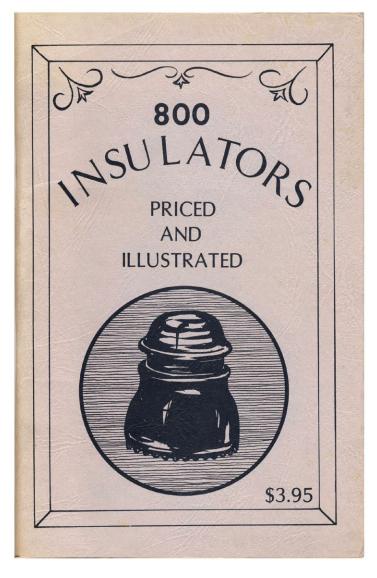
Given the limited readership of my booklet and the number of years since I wrote it, I thought I would share some of the information that was in the booklet.

Here's an interesting trivia question to ask a fellow collector: "How many insulator illustrations are in the book 800 Insulators Priced and Illustrated? You would think the answer would be 800 but the correct response is 549. This is because the same sketch is used for each variation in color noted. If each color, shape and marking combination is considered, how many variations do you think are priced and illustrated in the book? Again, you would think the answer would be 800, but the answer is actually 805 combinations.

The listing for a HEMINGRAY-43 makes no mention of any embossing on the rear skirt of the insulator. An insulator without the "MADE IN U.S.A." embossed on the rear skirt would be a major new listing. What makes this even more intriguing is that the same style is pictured next to this listing with the expected "MADE IN U.S.A." marking, although the two illustrations make the insulators look significantly different and the insulator without the "MADE IN U.S.A." is reported to be 1/8 inch narrower.

Who measured these? Look at the two Hemingray-21s in the book. CD 145s are the only known Hemingray-21s so why does the book have two of them illustrated? It is because one of them is reported to

be 4-3/8" tall and the other is supposed to be 3-1/4" tall. That's nearly an inch difference! The first is close to the 4-1/4 nominal height used for this design.



Throughout the book, many insulators are referred to as "pottery." Jack Tod, author of many books on porcelain, always argued that these pieces were made of porcelain, a much higher quality of material than pottery. Gerald Brown (1971) reported on this controversy in his book (pages 3-5).

Both wood insulators listed on page 63 are probably incorrectly identified as to the type of wood used to make them. These are wood insulators used on the San Francisco streetcar line and were made of Lignum Vitae, not white oak, or white cedar. They may appear to be one of these other woods because of the hardness of the wood or because there are often darker and lighter parts to the wood.

The greatest number of colors listed for a single illustration is four for an Isorex insulator. For several insulators, no color is given. Are they invisible? For some insulators, rather than giving a color, the material used to make the insulator is given, (e.g., "wood," "Bakelite," "composition," "white oak," or "white cedar.")

If you would like to borrow a copy, on January 16, 2007, a search

of World Cat found this book available in 48 libraries in Canada and the United States. Some libraries probably will not loan the book such as the Corning Museum of Glass or the Smithsonian Institution but there are plenty of regular libraries that would. If you did a subject search for the book, you would find it in the category of "Electrical Insulators and Insulation Collectors and Collecting."

The book is filled with lots of information and misinformation. For a seasoned collector, it is fun to page through it looking for the mistakes. On the other hand, perhaps the author knew something that has not yet penetrated the conscience of the general hobby.

PHANTOM INSULATORS SOLVED: THE BABY MICKEY MOUSE & LARGE EXCHANGE

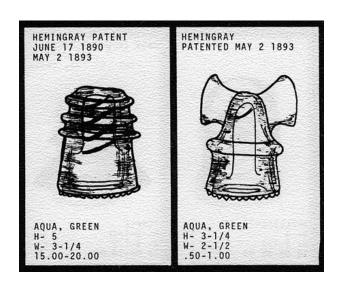
EDITOR'S ADDENDUM * BY CHRISTIAN WILLIS

To add onto Rick's article on the preceding page, while browsing the Crown Jewels of the Wire archives, I was intrigued by the description of two mysterious Hemingray insulators in the article "Phantom Insulators" by William C. Ogden, published February 1981, page 31:

"This next one I would call a baby "Mickey Mouse", which is found on p. 37 of Bill Schroeder's 800 Insulators, 1971 ed. It was made in aqua and green; it is 3-1/4" x 2-1/2", making it considerably smaller than the usual "Mickey". It carries the following embossing: HEMINGRAY//PATENTED/MAY 2 1893. It would be a pleasure to find one of these if indeed they exist!

"Another phantom is a rather large -- 5" x 3-1/4" -- single skirted, two wire-groove insulator with a somewhat flattened dome. From the drawing, it resembles a large version of the CD 115 or exchange style. This also is a Hemingray with both the June 1890 and the May 2 1893 patent dates. Drip points are shown, and it was made in both aqua and green. This is also on p. 37 of Schroeder's 800 Insulators. What was the intended purpose of this insulator? The rather large size might suggest a power insulator, but if so, why then the two wire grooves? The wire grooves are far too close together to use this as a transposition. Again, an interesting insulator!"

William's article did not include any photos of these "phantom insulators," so I had to hunt down a copy of the aforementioned book to see these oddities for myself. Once I turned to page 37, the explanation became painfully obvious to me: *the illustrations were swapped!* These two insulators appear side-by-side in the book, so this one can be chalked up to a simple printing error.







Hawkeye State Swap Meet

SHOW REPORT BY BILL SNELL * NIA #2624

The 23rd Hawkeye State Swap Meet in Tama, Iowa

Most years, the Hawkeye State Swap Meet provides a relaxed, laid-back show that embodies Iowa's un-fussy hospitality. After last year's lockdown led hosts to cancel this meet and many others, collectors enthusiastically arrived the first weekend of June to participate in an insulator show. Host Dave Shaw welcomed us all back to the Tama, Iowa, Civic Center for the 23rd Hawkeye State Swap Meet! Participants arrived from all over Iowa, Nebraska, Illinois, Missouri, Kansas, South Dakota, and Minnesota. For most of us, it was the first insulator-related gathering in a long time.

The show regulars are used to starting early. The doors opened for dealer setup at 7:00 a.m., with the show open to the public by 8:00 a.m. This year's excellent walk-through crowd brought brisk sales for insulators in all price ranges. I saw many faces I hadn't seen in well over a year, and folks were eager to find new goodies for their collections.

The many items for sale or show and tell included a CD 257 electric blue mickey mouse, CD 145 H. G. Petticoats in a honey amber and a narrow skirt in purple, CD 126 Brookfields in both bright yellow green and a stunning olive amber, a peacock N.A.T. Co., and far too many colored signals, 151s and beehives to count. Many fantastic insulators found new homes.

Rick Soller started his auction earlier than previous years, around 10:00 a.m., with many boxes and buckets of insulators in glass, porcelain, and rubber, along with a wide assortment of hardware and even a light panel suitable for a display. Eager bidders kept the action going for a few hours. A portion of the proceeds supports the show.

It wouldn't be the Tama swapmeet without a fantastic lunch. Many thanks to Rhonda Shaw, Chris Murphy, and their hard-working crew who kept us well fed. Of special note are Linda Connell's cookies, which came out a bit early and kept us going all morning. When you start a show at 7:00, it's a long time to noon and a snack to nibble on is most welcome!

We wrapped things up and headed home in the hot afternoon sun, very satisfied that we'd found new treasures and sold and traded many to good homes. Many thanks to Dave Shaw and all the other folks who make the swapmeet possible.



DENNIS SELTRECHT AND ALLISON FEE CHAT WHILE BUYERS ROAM THE AISLES.



SHOPPING THE AISLES



HAWKEYE STATE SWAP MEET

(CONTINUED)





RICK SOLLER RUNS THE AUCTION, WITH SEAN DUFFEY AS RUNNER AND RUSS FRANK AS CLERK.



DEB BOOKER AND GENE HAWKINS ABSORBED IN SOME DEEP INSULATOR-RELATED CONVERSATION.





THREE HAWKEYE STATE ORIGINALS... WAYNE ALEXANDER, WHO STARTED THIS SWAPMEET 23 YEARS AGO, TALKS WITH PAT AND LARRY WHITLOCK, TWO OF THE ORIGINAL PARTICIPANTS WHO'VE BEEN HERE EVERY YEAR.



FARMINGTON NATIONAL

SHOW REPORT BY MIKE GREEN * NIA #3175









After the difficulties we have faced over the past year and a half, it feels so good seeing things starting to get back to normal. After the cancellation of the Logan National in 2020, expectations were high for 2021 in Farmington. Everyone in attendance will agree that those expectations were met and surpassed during this incredible show! The generosity and kindness of our host Tommy Bolack could be felt throughout the event. The meticulous and thoughtful planning of show coordinator Lou Hall was also evident at every turn. It was everything we could have hoped for and more. The turnout was excellent, sales were brisk, displays were outstanding, and the joy of seeing old friends brought joy to all. Just about everyone found a new gem to bring home including Tommy, who found some awesome new goodies while making the rounds with the "Black Hole Bucket". Perhaps the most interesting sale of the show, for those privy to the information, was the outhouse from Dan Gauron's display which will now reside in California with Kat McClanahan. In addition to a bustling show hall, Tommy's house and museum tours were wonderful and left everyone with lasting images. Seeing the new porcelain section of the museum recently put together by Tommy and Bill Rohde was really special. It was four days filled with smiles and fun. In short, it was a great show that will be remembered for a long time to come.

SHOW HALL





LOU HALL



BUSY SHOW HALL



TOM AND LYNDA KATONAK



JUSTIN MARTIN AND RON YUHAS



GIL HEDGES-BLANQUEZ



JILL AND BILL MEIER



CHRIS HEDGES AND SEAN GREEN



KEVIN JACOBSON



NATHAN HOLMES



WENDY GAURON



MAY AND COLIN JUNG



JOANNE AND LAYTON WOOD



DWAYNE ANTHONY DRAWS A CROWD



WILD BUNCH?



FARMINGTON NATIONAL

SHOW HALL



ARTSY INSULATORS



LOU HALL AND BILL ROHDE



GENE HAWKINS



ELTON GISH



NEW MEXICO TOM



ARIEL AND DAVID BARON



MIKE BLISS



KEVIN AND TAMMY JACOBSON



ROGER ZIESAK



TROY EVANS



ROBERT BAUMANN



LORI AND MIKE GREEN



MIKE GAUDY



JOHN WEBER

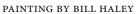


DAVID AND GRAHAM BARNES

SHOW HALL









DARRYL AND MARGARET WAGNER



CHRISTIAN AND MAGGI WILLIS



RAFFLEMEISTER BILL ROHDE



GUS STAFFORD AND JACKALOPE



KATHY FIELDING



JACK RIESELMAN









PETER ABBOTT BROUGHT SOME AMAZING SHOW AND TELL PIECES











DALE HUBER SHOWS OFF HIS EXCEPTIONAL CLIMBING SKILLS





FARMING TON NATIONAL

DISPLAYS



INSULATOR STAMPS FROM AROUND THE WORLD



TOM KATONAK'S AMAZING COPPER TOP DISPLAY



DARRYL WAGNER'S GREAT VARIETY OF WHITALL TATUM GO-WITHS



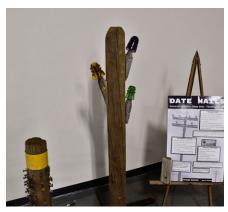
FAKE AND ALTERED DISPLAY



GIL HEDGES-BLANQUEZ



MIKE GAUDY



ISRAEL JONES



PEOPLE'S CHOICE AWARD



DISPLAYER AWARD



SOME OF THE COLOR ON DISPLAY

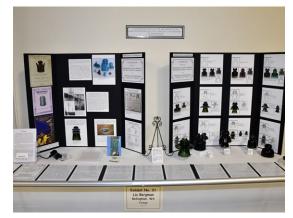


EAR MINICHION NATIONAL

DISPLAYS







LIS BERGMAN'S DISPLAY WAS HUGE AND SPECTACULAR

LIS BERGMAN



GRAHAM BARNES



LOU HALL'S INCREDIBLE PIN AND BRACKET DISPLAY



RICHARD CASE



CAMERON CASE



DAN GAURON'S ELABORATE PRIVY DIGGING DISPLAY





FARMING-TON NATIONAL

DISPLAYS



MIKE SPADAFORA'S AMAZING LAMP DISPLAY



DON BRIEL'S TRIBUTE TO COLLECTORS



DAVE HALL'S GREAT CALIFORNIA DISPLAY



RICK SOLLER



MIKE GREEN



EAR MINCHON NATIONATE

AWARDS BANQUET



The awards banquet at the host hotel was well planned out and a ton of fun. Our host Tommy showed a wonderful sense of humor using a KFC bucket to draw names for the displayer awards. Many will remember the 2014 National food mix-up at the banquet that resulted in everyone pitching in to buy up all the fried chicken in Farmington. It was a moment that turned frowns into smiles and showed what a great bunch of people we have in this hobby.

Collectors acknowledged and thanked spouses for their support with a rose from the center piece at their banquet table, one from each table that led to a \$25 NIA Product gift certificate at the end of the banquet. This was an additional gift provided by show host Tommy Bolack.



WELL DESERVED STANDING OVATION FOR TOMMY



TOMMY SHOWING A GREAT SENSE OF HUMOR



LOU HALL SHOW COORDINATOR AWARD



THANK YOU FOR EVERYTHING TOMMY



TOMMY BOLACK SHOW HOST AWARD



BILL MEIER PRESIDENT'S AWARD



DAVE BARON PRESIDENT'S AWARD



BOB BERRY PRESIDENT'S AWARD



STEVE ROBERTS PRESIDENT'S AWARD



TOMMY BOLACK PRESIDENT'S AWARD



A BEAUTIFUL EVENING





FARMING TON NATIONAL

AWARDS BANQUET







MARGARET WAGNER PRESIDENT'S AWARD AND THANK YOU FOR PUTTING UP WITH DARRYL

MIKE GREEN PEOPLE'S CHOICE AWARD



DON BRIEL 1ST PLACE GENERAL



DARRYL WAGNER 1ST PLACE GO-WITHS



MIKE SPADAFORA 1ST PLACE POLE LINE EQUIPMENT



MIKE GREEN 1ST PLACE COLOR



LIS BERGMAN 1ST PLACE FOREIGN



MIKE SPADAFORA AND LIS BERGMAN MILHOLLAND EDUCATION AWARD TIE



DAVE HALL BEST USE OF CALIFORNIA GLASS



ISRAEL JONES BEST 1ST TIME DISPLAYER



MIKE SPADAFORA NIA BEST OF SHOW

AWARDS BANQUET





TAMMY JACOBSON



ISRAEL JONES 1ST PLACE JUNIOR POLE LINE EQUIPMENT



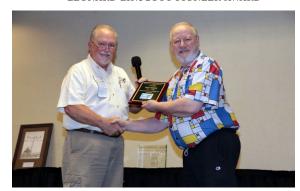
BILL ROHDE AND KAT MCCLANAHAN LEONARD LINSCOTT PIONEER AWARD



ISRAEL JONES LON C. HOLY AWARD



DOUG RUSHER OUTSTANDING SERVICE & PRESIDENT'S AWARDS (RON YUHAS ACCEPTING)



BILL MEIER OUTSTANDING SERVICE AWARD



TOM KATONAK 1ST PLACE POWER



TOM KATONAK GCIC AWARD



MIKE GREEN JIM OVERSTREET AWARD



LAYTON WOOD LON C. HOLY AWARD



CAMERON CASE JUNIOR THREADED GLASS



MIKE GREEN MVIC AWARD



FARMING-TON NATIONAL

AWARDS BANQUET



DOUG RUSHER OUTSTANDING SERVICE AND PRESIDENTS AWARD



KAT AND BILL LIFETIME MEMBERSHIP AWARD



MIKE SPADAFORA N.R. WOODWARD AWARD "FRED LOCKE CHRONICLES"



FIRST USE OF SIGN LANGUAGE AT A NATIONAL



 $\begin{tabular}{ll} \begin{tabular}{ll} \beg$



BEAUTIFUL COUPLE



GREAT JOB DARRYL!



GETTYSBURG 2022!



UTAH 2023!



INSULATOR CHEESECAKE DESSERT



ALL TEARED UP WITH FRIEND DAN



WONDERFUL BANQUET FACILITY



ROSS AND DONNA BAIRD



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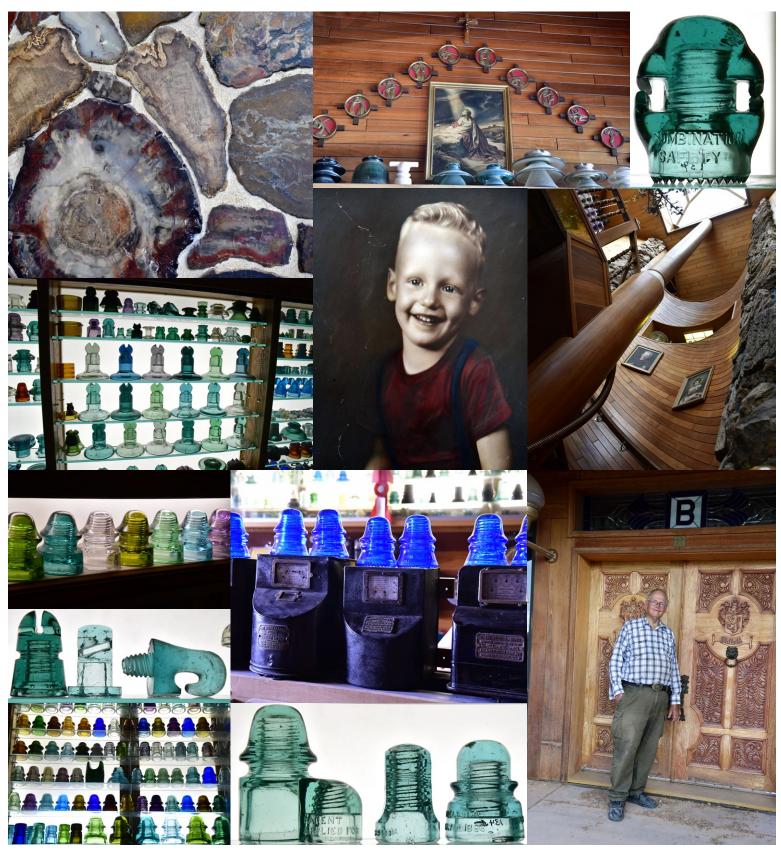
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House Tour







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SHOW HALL



INSULATOR ART



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BOB AND CAROLYN BERRY



BRIAN RIECKER



ARIEL BARON'S PINSULATORS



YES, KAT BOUGHT THE OUTHOUSE!!



DONNA, JEFF, TERRY, AND STEVE



MIKE SWANSON ON OBOE



ROGER NAGLE



SUNDAY MORNING DEVOTIONAL



ETHAN WILLIS, CAMERON CASE, CHRISTIAN JR. & CAITLIN WILLIS ENJOYING POP TARTS FROM THE RAFFLE



SPENCER GARTEN & FAMILY WITH "STUMPY" (THE GALLOWAY ROOT)



A THANKFUL MIKE BLISS



PLENTY OF NICE GLASS

FIREWORKS & FINAL THOUGHTS







Those who stayed for the fireworks show on Sunday evening were treated to a nearly hour long aerial display. Certified "Thump Junkie" Tommy loves setting the pyrotechnics off himself from on top of the mesa. In that proximity he can feel the full effects of the huge mortars. Not a man who does things halfway the fireworks and the entire National were a reflection of his generosity and love for the hobby. Please join me in thanking Tommy and Lou for an incredible show! Let us also thank others who helped make this show a success. DeeDee Hall for handling the mailings, editing, and providing Lou with moral support. Diane Tjerrild for graphics and website development. Bill Rhode as Rafflemeister and Kat McClanahan for help with mailing. Miles Wilhelm for website hosting. Photography for the event was provided by yours truly and the talented Kevin Jacobson. While the insulators we saw during our visit to Farmington were spectacular it is the friendships and camaraderie we will remember most. We must take care of each other and be kind to each other just as Tommy was so kind to all of us who attended the amazing 2021 Farmington National. Tommy and Lou you have set the bar high as we begin to turn our attention to Gettysburg in 2022. This year's National will be a fond memory for all those who attended for many years to come. Once again our sincere and lasting gratitude.

BY RUSS FIRTH

The corrugated insulator was patented by Fuller & Langdon of Bow, London in 1882. They were only ever used on railways in England, never used by the General Post Office (GPO), as many other types were already in use by the GPO (Cordeau, Potheads & many others). Corrugated insulators were made in several colours, the most common were bright white, but also made in cream and various shades of brown. They were predominantly used by the Midland Railway, though also used on the Hull & Barnsley Railway (HBR) and the London & South Western Railway (LSWR). The earliest patterns of corrugateds were stoneware and dark brown glazed earthenware examples and were a two piece design, with a separate inner shed (skirt). The inner was cemented to the main insulator body and the inner

was cemented onto the pin. Photo X1 shows two very rare examples known as button-tops, due to the early rounded design of the head. Hardly any of these two types have ever been found. The stoneware one on the left, is stamped MR 1883 on the top of the head; I have found parts of broken ones of these on the Settle to Carlisle line, but never a whole one. Another stamped variant of this stoneware one (not shown) is stamped LANGDON & FULLERS PATENT No8 on the top of the head. The brown glazed earthenware one in photo X1 on the right, is also stamped with the same wording on the head, this type was used by the LSWR. This pattern is thought to be an intermediate design, between the earlier Fullers button-top cone insulator (Patented in 1877) and the standard corrugated design of 1882.



As mentioned above, the bright white ones were the most commonly used, examples of these have been found on exMidland Railway and HBR lines.



Photo X2 shows two early types, the left one although very cracked, is still in one piece and is stamped LANGDON & FULLER on the side of the head, the right one is stamped FULLER & LANG-DON on the crown. The cracked one is a screw thread type, the other is an earlier design with a cemented pin. Corrugated insulators were turned by hand, not made in moulds, so every pottery that made them had ones which looked different to ones made by other potteries. The differences included shape and depth of wire groove, shape and height of the crown above the uppermost corrugation and even how deep the corrugation went into the body of the insulator.

(CONTINUED)



Photo X3, above, shows three examples of these differences on the most common corrugated type, the bright white ones. These are usually unstamped and are thought to have been of European origin, possibly made in Germany or Czechoslovakia.



In photo x4, above, you'll see a clear comparison of the different shaped wire grooves on three cream coloured ones. These are stamped FULLER & LANGDON PATENT on the head top.

(CONTINUED)



Photo A shows a very rare recently discovered insulator (1), quite similar body pattern to a standard corrugated but with straight sides. It is thought this might possibly be a pre-cursor to the corrugated design.



This type is stamped FULLER & SON, BOW on the side of the head and was found by a fellow collector above ground, over the top of a railway tunnel on a South Eastern & Chatham Railway (SE & CR) line. Often the telegraph pole route went over the tops of tunnels, rather than through the tunnel. Luckily, I managed to purchase one from the collector who found them. Other stamped ones of this type were also found with the marking FULLER BOW on the top of the head. In photo A on the right (2) is shown a white one with very narrow wire groove and shallow corrugations, I found this one on a section of the Hull & Barnsley and Great Central Joint (HB & GC) line. Photo B shows a BULLERS LTD, LONDON stamped cream colored type, examples of these have been found on Midland Railway lines and also on the H&BR line.





(CONTINUED)

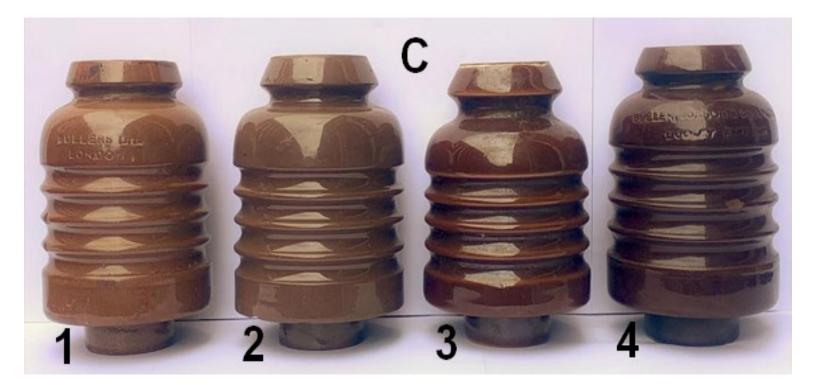


Photo C shows four distinct shades of the brown ones; the first three are made of brown earthenware and the last one is actually a white corrugated with a brown overglaze. Some have normal sized wire grooves, others are the narrow type. Number one is stamped BULLERS LTD, LONDON and was from an LSWR line, this one dates from 1892 onwards. Number 2 is stamped on the top of the head FULLER LANGDON PATENT and was found on the Grassington branch of the Midland Railway. The third one is the white type with dark brown glaze, this one was bought from ebay. The darkest shade one, number four, is stamped BULLER JOBSON & CO. LIMITED DUDLEY ENGLAND, this one was also from an LSWR line and dates from 1885 to 1887.



The two shown in photo X5 are both cream coloured ones and are stamped HBR, apart from the MR 1883 button-top one mentioned earlier, the HBR was the only other company to stamp its initials on corrugated insulators. The one with the wires still attached, was the first cream HBR one I found a couple of years ago, it was on the side of an embankment on a HB & GC Joint line, I was scrambling through the trees and bushes and saw this insulator from about 30 yards away (!) and could see that it was a corrugated, I just thought at first it would just be a broken one, like so many I find are, but on getting to it and picking it up I was overjoyed it was a complete HBR stamped one! The other one was purchased from a fellow collector a few years ago, he picked it up on the disused trackbed about 30 years ago he told me. I had never seen this stamp variation before with the dots between the letters. Both these two were made by Taylor Tunnicliffe and have the TTC stamp on the top of the head.

(CONTINUED)



The HBR also used white stamped ones with the company initials on them. These are the only known stamped bright white corrugated, all other types are unstamped. The type shown in photo H1 was the first HBR stamped white one I ever found, just on the outskirts of Hull near the Spring Head Loco Works, I just spotted at the top of a small embankment a few bits of broken corrugated ones sticking out of the soil, so went up to them and started digging. There were two complete HBR ones and a few unstamped and lots of broken bits of them. The one shown in photo H2, also bright white, has a different style of lettering stamp, this one I found at the site of a disused station, at the top of a small cutting, it was partly buried but complete.



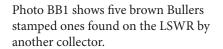
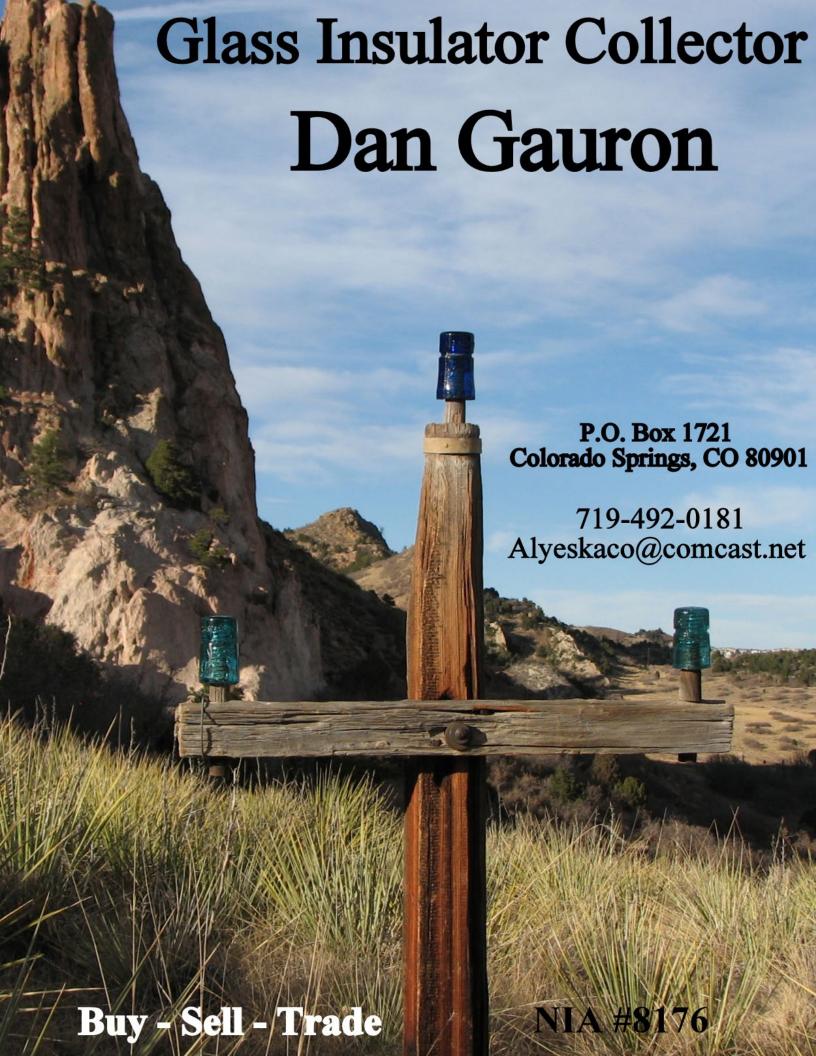




Photo HBR1 shows the buried ones I dug out from the embankment top near the Hull & Barnsley Railway Loco Works.



Photo SE&CR shows two straight sided type as found on the SE&CR Tunnel top by a fellow collector. This type was used both on the wooden crossarms and on the pole tops with saddle pin brackets (shown). As this type was a very recent discovery (not even W. Keith Neal mentioned this type in either of his books), there is very little information about them or known dates when they were made. These are an extremely rare pattern and only a handful of lucky collectors have managed to get hold of one of the several found. **A**



UPCOMING EVENTS



AUGUST - SEPTEMBER 2021

August 13-14, 2021 (Friday–Saturday) Bend, Oregon

The annual Jefferson State Insulator Club's Quatro Amigos and Dos Amigas Insulator Show & Sale in Central Oregon will be held August 13-14 starting with dinner Friday evening followed by our traditional bonfire and story-telling time. On Saturday the show will begin early. Tables will be provided. If you would like a table, please let us know beforehand so the correct number can be ordered. There will be a BBQ lunch at 11:35 AM. Side dishes are welcome. Be sure to bring your "Go-Withs" and any other treasures along with your hunting and adventure stories for the Friday evening bonfire. Please RSVP. Lodging and camping available at nearby Tumalo State Park or camp on site. Our location is 64420 Research Road, Bend, OR 97703. Info: JIM SINASEK (541) 383-8067 (oregonjim@q.com). You may also contact Howard Banks at 541-761-9456 (hbanks@budget.net) or Tim Wood at 541-923-4116 (cewtim@gmail.com). Your RSVP is appreciated and will help us with knowing how much food to order and serve.

August 14, 2021 (Saturday) Martinsburg, West Virginia

The 21st annual Chesapeake Bay Insulator Club Fall Show and Sale takes place in the Historic B&O roundhouse, 9AM-1PM. 100 E Liberty St., Martinsburg, WV 25404. For questions or additional show information, contact Jeff Hollis, redoak1953@gmail.com, (304) 671-5359 or visit https://www.insulators.info/clubs/cbic/martinsburg.html

August 21, 2021 (Saturday) Mountain Home, North Carolina

The Dixie Jewels Insulator Club will resume our swap meets on Saturday, August 21, 2021 at the Mountain Home Fire and Rescue on U.S. Hwy. 25 in Mountain Home, North Carolina from 9:00-2:30. Fred Pittman will be our host. This is always a popular meeting location and collectors are expected from 6 to 10 states. If you have insulators, go-withs and collectibles to show, sell or trade, you will need to bring your own table(s). Show Host: Fred Pittman, (828) 692-6236, trailat@bellsouth.net

August 27-28, 2021 (Friday - Saturday) Helena, Montana

2021 BIG SKY INSULATOR SHOW - NEW LOCATION AT A-STORAGE, 3333 CANYON FERRY ROAD, HELENA MT. Show Starts Friday the 27th at 12:00 PM and runs until 5:00 PM. Show and Tell At Ron and Peggy's Home at 6:00 PM until 9:00 PM. Saturday Show starts at 8:00 AM and ends at 4:00 PM. Inside table rent is \$20.00; outside tables are \$10.00. For outside tables we suggest you bring your own canopy and you will be responsible for your items when show closes on Friday night. For Info and to reserve your spots please contact Ron Yuhas at 406-439-4573 or email him at gramapig@bresnan.net or Doug Rusher 406-461-7341 or email drusher@aol.com

August 28, 2021 (Saturday) / Rain Date: August 29 (Sunday) Manchester, Connecticut

The Somers Antique Bottle Club's 51st annual Antique Bottle Show and Sale. To be held at Brimfield Auction Acres, 35 Main Street, Brimfield, MA Show hours will be 9:00 AM to 2:00 PM. There will be a \$5.00

admission charge. For information contact Don Desjardins, (413) 687-4808 dondes@comcast.net

August 28, 2021 (Saturday) Brimfield, Massachusetts

The Somers Antique Bottle Club's 51st annual Antique Bottle Show and Sale. To be held at Brimfield Auction Acres, 35 Main Street, Brimfield, MA Show hours will be 9:00 AM to 2:00 PM. There will be a \$5.00 admission charge. For information contact Don Desjardins, (413) 687-4808 dondes@comcast.net

August 28, 2021 (Saturday) Nisswa, Minnesota

The North Western Insulator Club will host the 2021 Summer Swap Meet and Tailgater on Saturday, August 28 at the home of Colin and Karen Yennie. There is plenty of room to spread out your treasures in the yard,the garage or under the canopies in case of rain. The hours are 9:00 AM to 3:00 PM with an auction mid-day to benefit our club. This is usually a lively exchange of merchandise and all are welcome to bring in as much as you want to sell or buy to your heart's content. Lunch will be grilling with all our favorite sides. Please bring your own tables and chairs. The address is 1126 Ebert Drive, Nisswa, MN 56468. For information and to confirm your attending, contact the Yennies at 507-271-3457 or cryennie@hotmail.com. We'll see you in August!

September 18, 2021 (Saturday) Lawrence, KS

Border States Antique Mart - 9:00 AM to 3:00 PM - 2110 Harper St., Lawrence, KS 66046. The 2021 show will be a combined NW Missouri Insulator & Bottle Show/Platte City, MO, with the 2020 Kansas Territory Bottle & Post Card Show/Hutchinson, KS. We will be looking for additional dealers and this will probably be an annual event every fall. For more show information, call or email one of the show hosts: Darryl Wagner - darryl@dwagnerkc.com / 816-719-0801 and Mark Law - kansasbottles@gmail.com / 785-224-4836

September 25, 2021 (Saturday) Fresno, California

The Rohde-Merzoian BBQ will be held Saturday, September 25th at 12441 North Friant Rd, Fresno, CA from 7:00 AM to 4:00 PM. You'll enjoy free-of-charge the famous Deep-Pit BBQ feast. Numerous tables are provided, or you may bring your own, or just open your tailgate and sell & trade. Swapping stories and bringing your recent finds are strongly encouraged. Info: BILL at (530) 701-4377 or KAT at (559) 974-3890.

September 25, 2021 (Saturday) Mechanicsburg, Pennsylvania

The 6th Annual Mechanicsburg Swap Meet, 816 Flintlock Ridge Road, Mechanicsburg, PA 17055, will be held on Saturday, September 25, 2021 from 9AM-3PM. Come join us for a swap meet under the oak trees. Bring your table, chairs, and something for the potlluck lunch. See you there! Gus and Debra Stafford, gus.stafford@gmail.com, (717) 790-9183

UPCOMING EVENTS

SEPTEMBER 2021 - JULY 2022



≈ 25TH ANNUAL ⇒ ROHDE-MERZOIAN BBQ & TAILGATI

Saturday, September 25 12441 North Friant Rd. GPS: 2000 Birkhead Ave. Fresno, California 7:00AM-4:00PM

The Rohde-Merzoian BBQ will be held Saturday, September 25th at 12441 North Friant Rd, Fresno, CA from 7:00 AM to 4:00 PM. You'll enjoy free-of-charge the famous Deep-Pit BBQ feast. Numerous tables are provided, or you may bring your own, or just open your tailgate and sell & trade. Swapping stories and bringing your recent finds are strongly encouraged. Info: BILL at (530) 701-4377 or KAT at (559) 974-3890.



October 2, 2021 (Saturday) River Falls, Wisconsin

The North Western Insulator Club will host our Fall Swap Meet, Show and Sale at a new venue for us this year. Our host will be Mike Braun and we will be at the Glen Park Pavilion at 361 West Park St. in River Falls. This is a newer facility with indoor space and tables. Hours will be 8:00 AM to 2:00 PM. An auction to benefit our club treasury will be held around 11:30 AM and all are welcome to bring in merchandise for sale or to bid early and often. For more information or questions, contact Mike Braun at mbraun61@yahoo.com or 651-999-9961 See you in October!

October 3, 2021 (Sunday) Chelsea, Michigan

The Huron Valley Bottle and Insulator Club annual Show, 9:00 AM to 2:00 PM at the Comfort Inn Conference Center, 1645 Commerce Drive, Chelsea, MI. North off I-94 at M-52 exit. For more information or table reservations, contact MIKE BRUNER at abbott4girl. sbcglobal.net or ROD KRUPKA at (248) 627-6351 or rod.krupka@ yahoo.com

November 5-7, 2021 (Friday-Sunday)

Springfield, Ohio

51st Mid-Ohio Insulator Show. Clark County Fairgrounds. 4401 South

Charleston Pike. Exit 59 off I-70. Springfield, Ohio. Show Hours: Friday Noon - 6 PM Saturday 8 PM - 5 PM Sunday 9 AM - ??? CON-TACT: Curt Boster (614) 301-5125 cboster530@att.net



July 29-31, 2022 (Friday-Sunday) Gettysburg, Pennsylvania

The 2022 NIA National Show and Convention on July 29th - 31st is in Gettysburg, Pennsylvania. The Wyndham Gettysburg is located two short miles from the Battlefield that changed the course of our Nation's History. For reservations (after 27 July 2021) call

717-339-0020 extension 0 to talk to a hotel representative. Our Group Code is: 072722NAT. All activities for the show occur at the Wyndham. The Chesapeake Bay Insulator Club is the overall sponsor for the NIA National Show, while your show hosts are: Gus Stafford, 816 Flintlock Ridge Road, Mechanicsburg, PA 17055 Gus.Stafford@gmail.com; Mary Ann Pike, 1280 Sugar Run Rd, Venetia, PA 15367, mapike@earthlink. net; Justin & Emily Stoudt, 1531 Helffrich Rd, Kutztown, PA 19530, justin@theinsulatorstore.com; Steve Gosciminski, 118 Tyson School Road, Catawissa, PA 17820, rcpandc@yahoo.com. For more information, visit https://www.nia.org/shows/2022 national/

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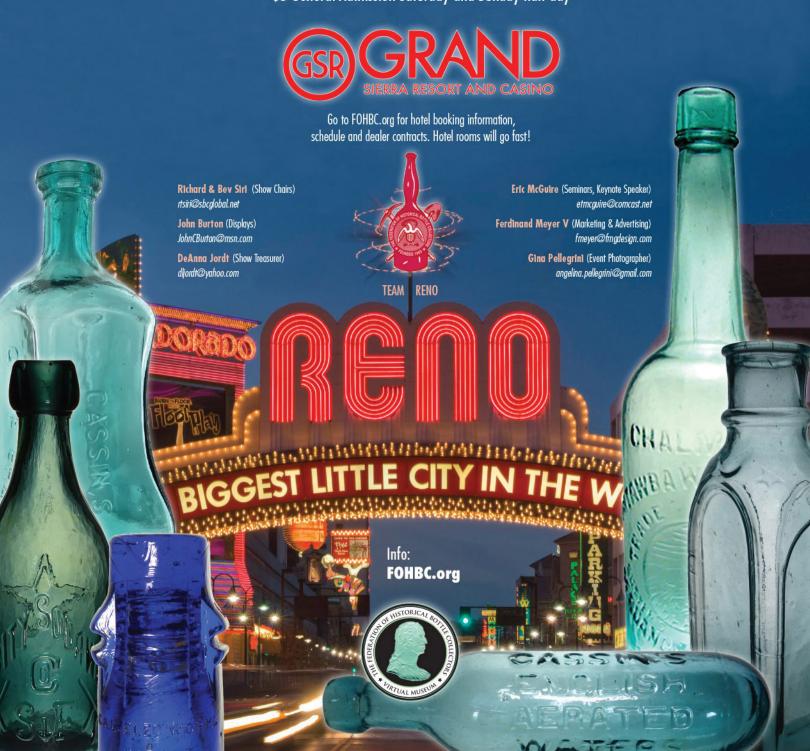
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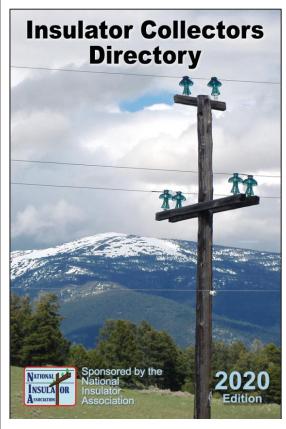
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Helena, MT 59602 admanager@nia.org



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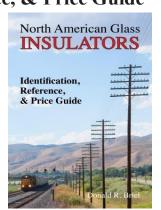
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A REQUEST FROM THE NIA DEVELOPMENT COMMITTEE

Dear Fellow Collector,

The NIA is a 501(c)3 nonprofit organization and as such, gifts may be tax deductible. Gifts of support will help the Association improve existing benefits and services as well as create new benefits and services for members and those collectors who are yet to become members. Your gift will allow the NIA to continue its mission to encourage growth and public awareness of the insulator hobby through collecting, dealing and educational endeavors. The NIA has identified four areas where donations will help create and enhance programs directed to that mission:

SCHOLARSHIP FUND: Currently the NIA can grant up to two scholarships totaling \$2,000.00 each year. Additional funding would give additional funds for future years; scholarship grants could be increased; or additional scholarships could be granted each year.

EDUCATIONAL RESOURCE DEVELOPMENT: There are projects that have been suggested but haven't been implemented for lack of funding such as the production of classroom video presentations, NIA traveling displays for use by learning facilities such as libraries, schools, museums and a Speakers Bureau. These are just a few of the new ideas for greater community awareness of our hobby.

NATIONAL & REGIONAL SHOW SUPPORT: The NIA has assumed a financial supportive role intended to assist National Show Hosts/Organizers in reducing their financial risk. With your donations the NIA could possibly increase advertising and promotional reimbursements, possibly provide all awards at National/Regional Shows and possibly provide financial assistance for Regional Shows.

INTERNET TECHNOLOGY: The desire for instant communication and information retrieval is with us and cannot be denied. For the association and the hobby to continue to grow it must have a strong presence on the Internet and social media. Donations in this area can help redesign the NIA web site, create videos for posting on social media, develop and present "live" shows including interviews, auctions and sales.

<u>Amour</u>	nt of D	<u>onation</u>	Donation Level	Donation Area (circle one)	
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\$ 50.00	-	\$ 99.99	Green		
\$ 100.00	-	\$ 249.99	Emerald	Educational Development	
\$ 250.00	-	\$ 499.99	Carnival		
\$ 500.00	-	\$ 999.99	Amber	National & Regional Shows	
\$ 1,000.00	-	\$ 2,499.99	Peacock		
\$ 2,500.00	-		Purple	Internet Technology	
\$ 5,000.00	-	\$ 9,999.99	Cobalt		
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Other Donatio	n area	:		Amount \$	
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All donors will be listed on the NIA website and any donors of \$50.00 or more will be listed in Drip Points.

Please mail form and payment (payable to NIA) to: NIA Treasurer, Bill Rohde, P.O. Box 28, Colusa, CA 95932

For additional information regarding gifts to the National Insulator Association, Inc., please contact the NIA Development Committee, E-mail address: donations@nia.org. Your gift is deductible, to the fullest extent of the law. The National Insulator Association (www.nia.org) is a 501(c)(3) non-profit organization.

Thank you for your support of the NIA!

NIA DONORS & SPONSORS

THANK YOU FOR YOUR SUPPORT!



Additional Information

2021 NIA Donors & Sponsors

The NIA would like to acknowledge this year's Donors & Sponsors

Level

Hanne	110111	LCVCI	/ tdartional information
Tommy Bolack	New Mexico	Hobby Benefactor	Drip Points Expansion to Bi-Monthly
Dianne George	Washington	Carnival	General Fund
Andrew Black	Kentucky	Emerald	Technology Fund
Bill Sagatis	New York	Emerald	General Fund
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Thank you for your support!

The list above is compiled from multiple sources and may not be complete. If you have donated this year, but don't see your name (unless you wanted to be anonymous), please contact the development committee chairman.

Name

From



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THE FOLLOWING INSULATOR CLUBS ARE MEMBERS OF THE NIA



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rdmclau@comcast.net



Huron Valley Bottle & Insulator Club

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Lone Star Insulator Club

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lsic@clubs.insulators.info



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Darryl Wagner 14615 NW Skyview Ave Smithville, MO 64089 816-719-0801

mvic@clubs.insulators.info



North Western Insulator Club

Colin Yennie 504 White Birch CT NW Oronoco, MN 55960 2030 507-289-1095

nwic@clubs.insulators.info



Triple Ridge Insulator Club

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Western Reserve Insulator Club

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John Rajpolt 17 Pheasant Lane Monroe, CT 06468 203-261-1190 ypcic@clubs.insulators.info Do you represent a local insulator club or other related organization? Become an NIA Affiliated Club today! See next page to apply for or renew your membership.



NIA MEMBERSHIP & RENEWAL FORM

Prospective members may join the NIA at any time; however, the "membership year" begins on January 1st and ends on December 31st. New memberships issued within three months of the beginning of the new membership year (October – December) will be good for the following calendar year. New members are entitled to all membership privileges immediately upon acceptance by the NIA. If you are joining the NIA during the months of January through September, your membership will expire on December 31st of this Calendar year.

Andrew Gibson	Check class of membershi	p:	Check years of Paymen
5997 Springwater Rd.	Single/Family Member		
Dansville, NY 14437-9772	Single/Family Member	ship w/Printed Drip Points	\$40.00 Multi-year
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		nder 18) w/Electronic or Printe	
Please Print Legibly	Or renew online at:	http://nia.org/membership/	<u>/</u>
Name		Additional Family Mem	bers residing in the same
NIA # (If renewal)		household at no additio	nal cost.
Address		(e.g.: spouse, minor chil	dren or dependents)
City		Name	NIA # (if renewal)
State/Province		1	
Zip/Postal Code	(+4)	2	
Country (if not U.S.)		3	
Telephone Number		4	
E-Mail Address		5	
(An e-mail address is required for ele	ctronic version of Drip Points)		Fees to be submitted
Include me in NIA Hobby Direc	ctory: On-Line Yes No P	rinted Yes No	Membership Amount:
Include my USPS Address in:	On-Line Yes No F	Printed Yes No	
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You may pre-purchase the nex	t printed Hobby Directory for \$		Donation Amount
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Signed		Date	Total Enclosed \$
			Make Checks Payable to the NIA
NIA MEMBERSHIP BE	NEFITS		Revised March 1, 2020
Connect to a worldwide netwo	ork of over 1000 insulator collectors sl	naring information, history and the	e latest news on insulator collecting.
Receive electronic notification of u			gh the bi-monthly electronic distribution
Receive members only	or the Drip Points Magazine (access to an enormous digital library o	Also available in printed form).	osulator manufacturer history
·	,	3 / .	in person or on the NIA Facebook page.
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l ~	National Awards and Recognition for y	1 // /	
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Use your membership to run for the National Insulator Association Board of Directors to shape the future of the hobby. Contribute to a National Scholarship Program and financial support for NIA Show Hosts in your local area. Continue membership to sustain these benefits and help raise the next generation of insulator collectors through your knowledge & engagement.

> Note: The NIA Member Handbook is available on the NIA website (www.nia.org/membership/index.htm). Hard copies of the Handbook are available upon request to the NIA Membership Director (membership@nia.org).





MERCHANDISE

SHOW YOUR SUPPORT WITH CLOTHING, BADGES & MORE



Embroidered Logo T-Shirts

Hanes Adult T-Shirt, Embroidered logo on front

Colors: Smoke, Smoky Graphite, Sky Blue, Electric Blue, Aqua, Dark Cobalt, Lt Brown Amber, Med Amber, Rootbeer Amber, Lt Olive Green, 7 Up Green, Dark Olive Green, Yellow, Golden Amber, Oxblood, Deep Red Amber

Price: \$17 (S-XL) \$20 (2X-3X)

Color(s): ______ Size: ____ Qty: __

Shirt Sizing Chart

S 32-34 XL 44-46 M 36-38 2X 48-50 L 40-42 3X 52-54

Special Orders: If you don't see a size or color that you'd like, contact us for availability and price.



Gildan Adult T-Shirt – Small logo on front, large logo on back



Screen Printed T-Shirts

Colors: Smoke, Smoky Graphite, Steel Blue, Peacock Blue, Dark Cobalt, Lt Brown Amber, Med Amber, Olive Amber, Rootbeer Amber, Apple Green, 7-Up Green, Olive Green, Yellow, Golden Amber, Flashed Amber, Oxblood

Price: \$17 (S-XL) \$20 (2X-3X)

Color(s): _____ Size: ____ Qty: ____



Short or Long Sleeve: _____

Button Down Shirt

Port Authority SanMar Blend, embroidered logo on front

Colors: Dark Smoke, Aqua, Cobalt, Lt Brown Amber, Yellow, Flashed Amber

Price:

Short Sleeve: \$32 (S-XL) \$34 (2X) Long Sleeve: \$34 (S-XL) \$36 (2X)

Color(s): ______ Size: _____ Qty: _____



Hooded Sweatshirt

Gildan Adult Full-Zip Hooded Sweatshirt, embroidered logo on front

Colors: Medium Smoke,

Cobalt

Color(s): _____ Qty: _____

Price: \$32 (S-XL) \$36 (2X)

Denim Button Down Shirt

Sierra Pacific, Short or Long Sleeve

Color: Aqua

Price:

Short Sleeve: \$33 (S-XL) \$36 (2X-3X) Long Sleeve: \$36 (S-XL) \$39 (2X-3X)

Short or Long Sleeve: _____ Size: ____ Qty: ____



Crew Neck Sweatshirt

Gildan Adult Crewneck Sweatshirt, Screen print with small logo on front & large logo on back

Color: Smoke

Price: \$29 (S-XL) \$33 (2X)

Size: _____ Qty: ____

Rev. 2021-05-16





Un-Structured

Embroidered Caps

Colors (Un-Structured):

Smoke, Dark Smoke, Aqua, Cobalt, Lt Brown Amber, 7 Up Green, Olive Green, Yellow, Gold Amber, Flashed Amber, Pink, Oxblood

Colors (Structured with Mesh):

Khaki-Brown, Royal-White, Kelly-White, Red-White, Heather-Gray-Black, Royal, Cardinal, Gray-Charcoal-Black, White-Royal, Khaki-White



Structured with Mesh

	Price: \$15.00	Cap Type:		Color(s):	Qty:
Insulator Caliper Measures up to 7" Plastic will not scratch insulators Long outside & short inside jaws Price: \$18 Qty: 2 20 oz. Copper-Lined Stainless Steel Tumbler On Sale! Yeti-like Stainless tumbler keeps	4	PATIONAL NATIONAL INSULA	3 NOR 9 NOR	MANA CR. MAN	Mining II. Amount II. Amount III. Amount
drinks cold or hot for hours! One color imprint (blue) Price: \$25 \$20 Qty:	NSULA OK 550CLATION	SOCIATION SOCIATION WE WIN NIA Arg	6		Tote Bags Sturdy with white screen print NIA logo - Dimensions: 12 ½" W x 13 ½ H x 8 ½" D; 14" handles
3 16 oz. Travel Tumbler On Sale! 4 color imprint Price: \$14 \$10 Qty:	2019; 50 Years o	enge Coin f Meets & Shows; 2 sideo Qty:	d Price: \$7	/Lapel Pin	Colors: Sapphire, Light Brown Amber, Cobalt, Oxblood, Black Price: \$8 Color(s): Qty:
• NIA Collector's Patch 2 ¾" x 3 ¾" embroidered patch		Badge Engraved; bev		netic back Pr	ice: \$12
Price: \$4	Name	1	VIA#	_City	State
· · · · · · · · · · · · · · · · · · ·		1			
6 NIA Window Decal (Color)	Name	1	NIA#	_City	State
For outside car window - 4 ½ x 5 ¾ Price: \$7 Qty:	•	NIA or Club position, raving Information:		w Bars, Awara Custom Badge	ls or Custom Bars Price: \$5 Bar:
	Club Bar		Qty: I	ine 1	
6 NIA Window Decal (White)	Show Bar	·	YearL	ine 2	
For outside car window - 5 ½ x 6 ¾ Price: \$10 Qty:	Insulator Colle area or around	ectors Hobby Director the world Price: \$ 9	ry – 2020 <i>Hob</i> (shipping inclu	by wide direct ded) Qty	ory to locate other collectors in your :
Contiguous U.S. Postage Rates: • \$8.00 for the first item of clothing, tumbler, tote or caliper & \$3.50 for additional item in same group.	aach	al: \$ ostage: \$	Address: _		State: 7in:

- Patches & Badge Bars \$0.75 ea.
- Decals, Name Badges, Hat Pins, Challenge Coins.....\$3.75 ea.
- If patches, badge bars, decals, name badges, hat pins & challenge coins are ordered with clothing, there is no additional postage for these items.
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Total Enclosed: \$ _____

Please make check or money order payable in U.S. funds to the National Insulator Association.

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Please send detached, completed form and payment to: Margaret Wagner, 14615 Skyview Ave., Smithville, MO 64089 (816) 719-0802 • niaproducts@nia.org

Rev. 2021-05-16

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Auction 155 coming soon!

We are planning two more auctions for this year.

Accepting consignments!

We have just started assembling items for these auctions and only a very few of them are shown below.





DARIO@DARIODESIGNS.COM



