

# MINT **ERROR** NEWS MAGAZINE



Bringing the latest mint error news to the collector. Also featuring Die Trials, Test Pieces, Numismatic Rarities, Currency Errors and Discoveries from the U.S. Mint & the BEP.



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## Special Edition: **MULES**

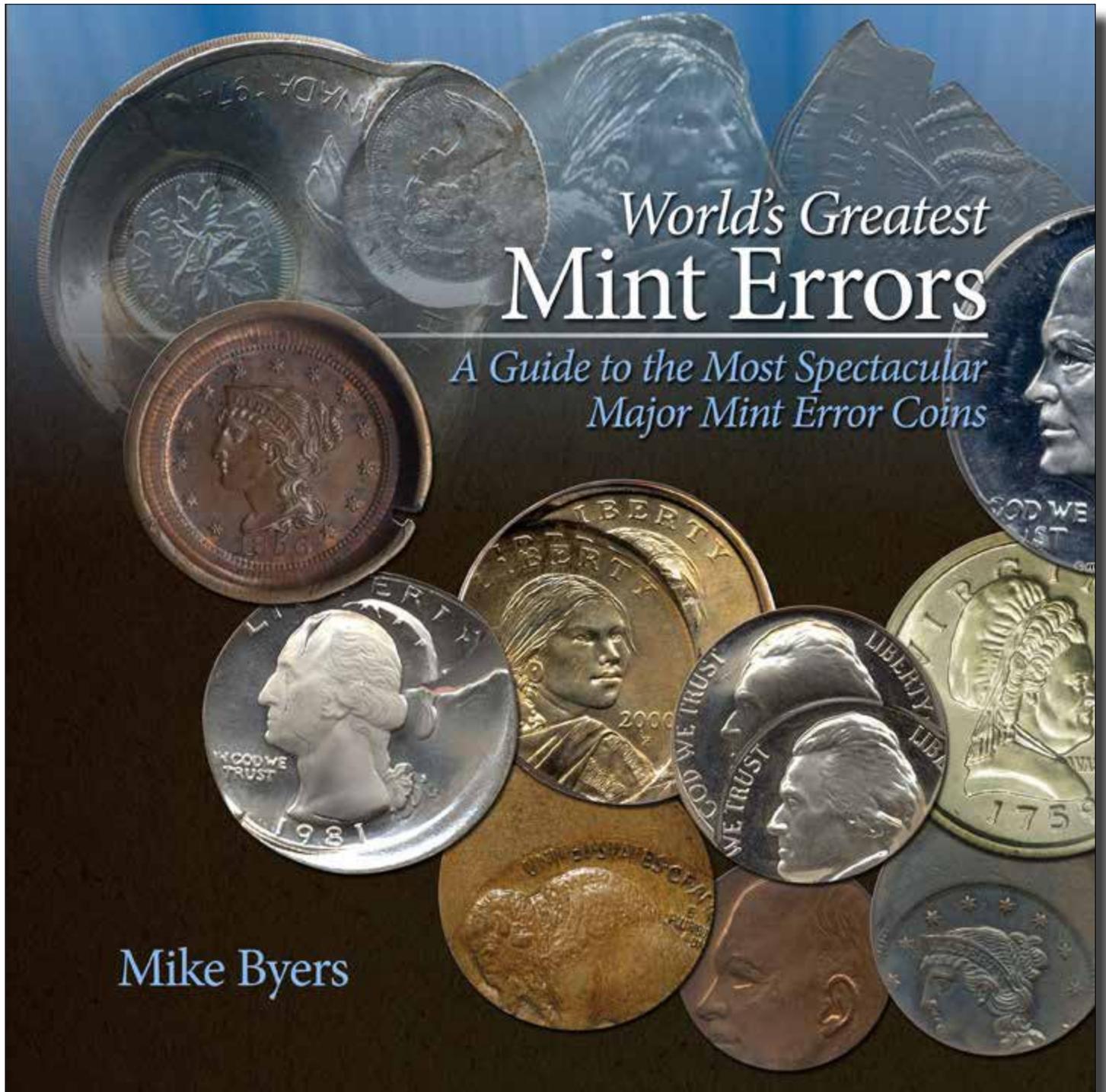


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# MINT ERROR NEWS MAGAZINE

Bringing the latest mint error news to the collector.



Special Edition • 2017

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# Mint Error News Magazine

Special Edition • 2017

## - Table of Contents -

<b>Mike Byers' Welcome</b>	<b>4</b>
<b>The Unique Roosevelt Dime Two-Tailed Mule</b>	<b>5</b>
<b>PCGS Certifies Unique TWO-HEADED Nickel</b>	<b>13</b>
<b>NGC Certifies 1976-S 5C Obverse Impression Struck Into Center of \$1 Planchet (Proof Nickel/Dime Mule)</b>	<b>18</b>
<b>A Collection of U.S. Mules</b>	<b>26</b>
<b>Unique "Two Tailed" Off-Metal</b>	<b>35</b>
<b>1982 Canadian Dime Muled with Cent Die</b>	<b>39</b>
<b>ANACS Certifies Unique "Two Tailed" Euro Set</b>	<b>42</b>
<b>Two-Headed &amp; Two-Tailed Coins</b>	<b>47</b>
<b>PCGS Certifies Incredible Canadian "Two Tailed" Die Cap</b>	<b>50</b>
<b>Just Discovered &amp; Certified by NGC: A Two Headed Off-Metal Mint Error</b>	<b>53</b>
<b>Unique "Two Headed" Off-Metal</b>	<b>56</b>
<b>Mint Error News Glossary</b>	<b>79</b>

# MINT **ERROR** NEWS<sup>TM</sup> MAGAZINE

Bringing the latest mint error news to the collector.



Mike Byers, Publisher & Editor, Welcomes You!

Welcome to Mint Error News Magazine, bringing the latest mint error news and information to the collector. This is our thirteenth year bringing you both an online PDF magazine and the Mint Error News website. There are over 1,000 articles, features, discoveries, news stories with mint error related info from the United States and around the World. Our website, [minterrornews.com](http://minterrornews.com), has become the most popular and informative Internet resource for mint errors and is read by thousands of dealers and collectors.



Mike Byers ([mikebyers.com](http://mikebyers.com)) is president of Mike Byers Inc. He has been a professional numismatist for over thirty-five years. He is one of the largest dealers handling U.S. Gold Coins, Patterns and Rarities certified by PCGS and NGC. He has handled major coin collections and attends every major coin convention. Mike Byers carries an extensive inventory as well as solicits want lists and is always looking to purchase fresh inventory and collections. You can visit Mike Byers and view his rarities at the ANA, Central States, FUN show and the Long Beach Coin Expo.



Mike Byers was a consultant to ANACS for Mint Errors from 2000 to 2006. He is also the Owner, Publisher and Editor of Mint Error News Magazine and the Mint Error News Website that was founded in 2003. In 2009, Mike Byers published his first book, *World's Greatest Mint Errors*, which received the NLG Award for Best World Coin Book and is available on [Amazon.com](http://Amazon.com).



Fred Weinberg is a highly respected numismatist, with 40 years of full time experience in the rare coin marketplace. He deals in numismatic United States Gold & Silver coinage, as well as specializing in buying & selling Major Mint Error coinage of all types. He is one of the original 31 dealers selected as an authorized P.C.G.S. (Professional Coin Grading Service) dealer at its inception in 1986.



Andy Lustig has been dealing in U.S. and World Coins since 1975 and has attended more than 2,000 coin shows and auctions. Andy is the co-founder of the Society of U.S. Pattern Collectors ([uspatterns.com](http://uspatterns.com)). He has been a member of the Professional Numismatists Guild (PNG #614) since 2005. He is a member of NGC and was also a former grader and authenticator for PCGS.

# The Unique Roosevelt Dime Two-Tailed Mule

by Jon Sullivan

**M**ules are the king of U.S. mint errors. As an error type, mules are the rarest, with just 23 examples known (excluding patterns.) They are an error type that most error collectors never have the good fortune to own, and are almost unobtainable due to both their rarity

and price. They are the “dream coin” for error collectors, and often make the headlines when they sale due to the high prices they fetch, which are usually between \$50,000-\$150,000. Recently, I had the opportunity to acquire the unique two-tailed Roosevelt dime, and wanted to share it.



# The Unique Roosevelt Dime Two-Tailed Mule

What is a mule? A mule is a coin which is struck with mismatched dies, or said another way, it is struck with dies that were not intended to be used together. The dies can include the obverse, reverse, or even the collar die that produces the coin's edge design. The

dies can be a combination of dies from two different coin denominations (e.g. 25c obverse with Sacagawea \$1 reverse), or just an improper combination of dies for the same denomination of coin (e.g. 10c reverse with a 10c reverse.)



**Above: The unique two-tailed Roosevelt dime mule. The “SMS” side is on the left, while the “business strike” side is on the right.**

# The Unique Roosevelt Dime Two-Tailed Mule

The two tailed Roosevelt dime is unique, and is one of the earliest known U.S. mule errors. It is made up of a combination of two Roosevelt dime reverses, with each side of the coin

being a dime reverse. It has a reeded edge, as is expected on a dime, and is also struck on a normal clad dime planchet.



**Above: The unique two-tailed Roosevelt dime mule. The “SMS” side is on the left, while the “business strike” side is on the right.**

# The Unique Roosevelt Dime Two-Tailed Mule

On one of the reverses, the coin appears to be SMS, with mirrored surfaces, and a slight “frosty” appearance to the design and lettering. However the other side of the coin is a business strike die, and is a late die state with cartwheel luster, and strong clashed dies of Roosevelt’s head (which shows that at some point in that die’s life, it was paired with an obverse dime die.)

The strike is weak on the outer area of the coin on both sides, which is likely due to the press not being able to sufficiently strike up the design due to the two reverse dies not being “designed” to be struck together, resulting in poor metal flow into the design of the die. Also, one of the dies is rotated 15 degrees, which may have been because the die couldn’t fit properly into the press.

Written documentation has been found for the dime, which dates it back to at least 1973, although it is believed to have been struck in 1965 or 1966

due to the existence of (2) two-tailed Washington quarters, which are also believed to be from this era. Probably this two tailed dime and the 2 two-tailed quarters were made at the same time at the Mint, either intentionally or possibly unintentionally. We can never truly know “what happened” unless we know the person who made them or were “there when it happened.” A mint employee is quoted as saying (paraphrased) that the dies have lugs on them which prevent them from going into the wrong side of the press (meaning a reverse die could not fit into a obverse die’s collar), and so the only way to have a two tailed dime would be for the lugs to have been intentionally ground off. He surmised that the coin was likely made intentionally by a Mint employee during a “midnight shift.”

There are a total of 23 U.S. mules known, excluding patterns. Interestingly, the most “common” of the mules, the Sacagawea/State Quarter coins, are typically the most valuable.

# The Unique Roosevelt Dime Two-Tailed Mule

1979 OYNW  
JULY EDITION PRICE 1.00

**SURPRISE!**

Here we are again, so soon! Because of our time on the road attending the ANA show in St. Louis, and the MECCA show in Indianapolis, we decided we had better get another catalog in the mail. Otherwise rather than a couple of close catalogs, we would end up with a couple of far-apart ones. While we are gone we will have phone service for your orders from noon to five p.m. California time.

In this issue you will find some of the many Bi-centennial coins that we told you about. Feast your eyes on these fine coins as we did. We are certain that these are the coins of the future and on a par with all of todays most desirable type coins.

In our next issue we will tell you all about Tom Miller. As you read this, Tom and I are most likely at our meeting point in St. Louis and hopefully we are finding lots of fine new coins.

Our two-tailed dime is in New York. Arnold Margolis has it for photography and it will be in an upcoming issue of Error Trends Coin Magazine. We will obtain the coin while in St. Louis and we plan to show it for sale in our next catalog.

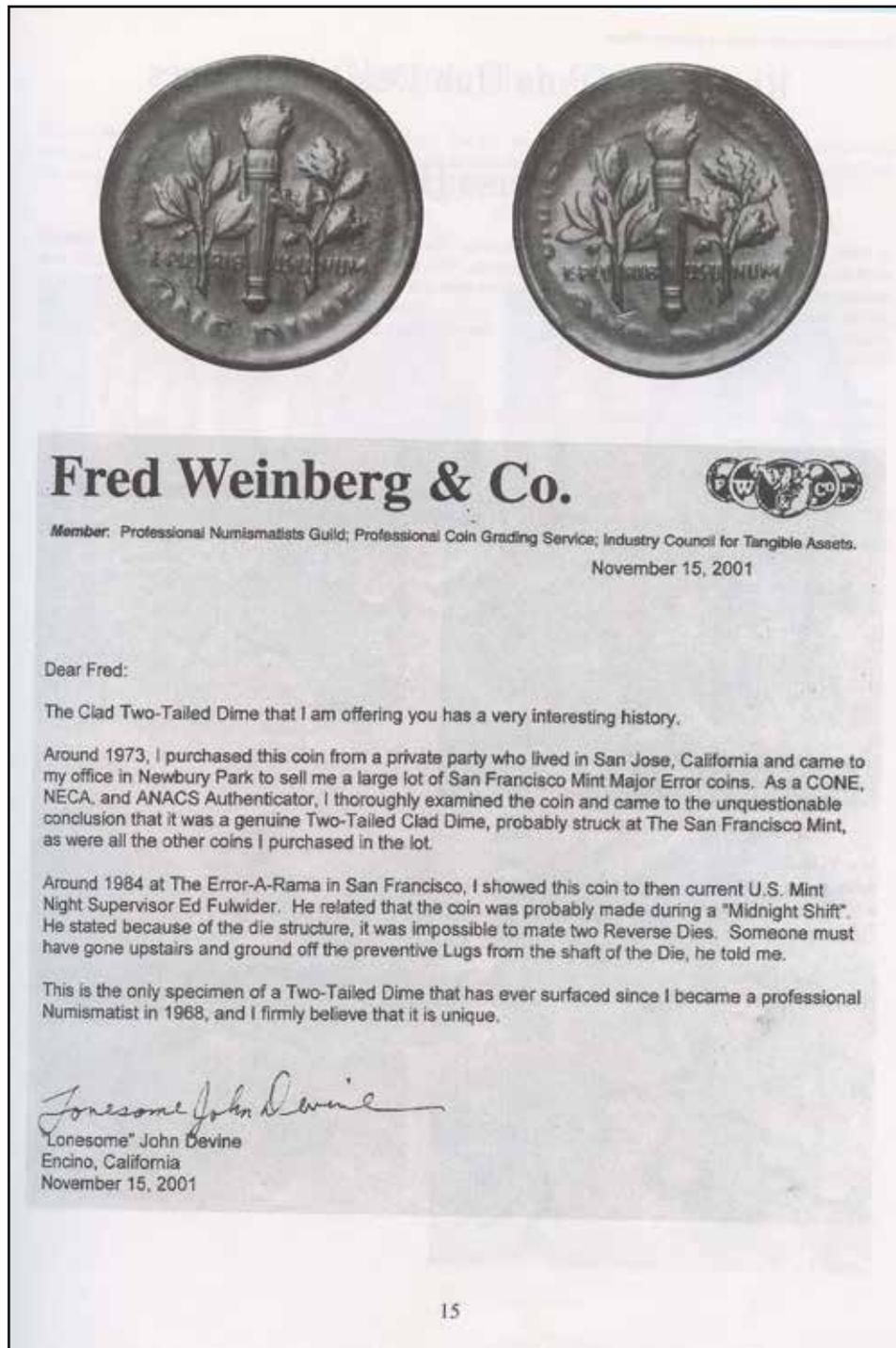
**Coin Show Schedule**

DATE	PLACE	TOWN	TABLE?	
July 29-Aug. 3	St. Louis Conv. Ctr.	St. Louis		NO
Oct. 4-5-6-7	L.B. Conven. Ctr.	Long Beach	YES	
Aug. 4 & 5	Airport Quality Inn	Indianapolis	YES	

635

Above: A mention of the two-tailed dime mule is found in the last paragraph of this July, 1979 issue of "Lonesome" John Devine's error catalog. John says the coin is being photographed for ETCM. I'm not sure which issue of ETCM it appeared in, but presumably it did sometime in 1979.

# The Unique Roosevelt Dime Two-Tailed Mule



**Above: In this 2001 letter written by "Lonesome" John Devine to Fred Weinberg, he states that he purchased the coin in 1973, and also speculates about the coin's creation at the Mint.**

# The Unique Roosevelt Dime Two-Tailed Mule

Here is a list of known mules as well as the prices they brought if they were sold at auction:

1. \$1 2000-P Sacagawea Reverse/State Quarter Obverse (16 Known)

Sold for various prices, but of late, approximately \$100,000 is the average.

2. 25c (Believed 1965-1966) Washington Quarter Reverse/Washington Quarter Reverse (2 Known)

1 of the Known Examples sold for \$41,975 August 14th, 2006, Heritage Auctions.

3. 10c (Believed 1965-1966) Roosevelt Dime Reverse/Roosevelt Dime Reverse (1 Known)

4. 5c 2000-P Jefferson Nickel Obverse/ Jefferson Nickel Obverse (1 Known)

5. 1c 1999 Lincoln Cent/Roosevelt Dime Reverse and Struck on a Cent Planchet (1 Known)

Sold for \$138,000 April 19th, 2006, Heritage Auctions.

6. 1c 1995 Lincoln Cent/Roosevelt Dime Reverse and Struck on a Dime Planchet (1 Known)

Sold for \$57,500 January 7th, 2010, Heritage Auctions.

7. 1c 1993-D Lincoln Cent/Roosevelt Dime Reverse and Struck on a Cent Planchet (1 Known)

Sold for \$51,750 January 7th, 2010, Heritage Auctions.

Although most of us cannot afford a mule for our personal collections, mules are aspirational, dream coins, which we all would like to own one day. However, don't feel like you cannot own a mule—foreign coin mules are much more affordable, typically selling for several hundred dollars, and making for a good “hole filler.” If you don't have a mule, go find one—it may not be one of the U.S. mules, but a foreign mule is nice as well.

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U.S. & WORLD MAJOR MINT ERRORS



*World's Greatest Mint Errors*  
by Mike Byers

**NLG Award Winner:  
Best World Coin Book**

Mike Byers has been a professional numismatist for forty years. He is one of the largest dealers handling U.S. Gold Coins, Patterns and Rarities certified by PCGS and NGC. He has handled major coin collections and attends every major coin convention. Mike Byers carries an extensive inventory as well as solicits want lists and is always looking to purchase fresh inventory and collections.

Mike Byers was a consultant to ANACS for Mint Errors from 2000 to 2006. He is also the Publisher and Editor of Mint Error News Magazine and the Mint Error News Website that was founded in 2003. In 2009, Mike Byers published his first book, *World's Greatest Mint Errors*, which received the NLG Award for Best World Coin Book and is available on Amazon.com.

Mike Byers is a life member of ANA since 1985, a charter member of NGC and a featured dealer/member of PCGS. He is also a life member of the Central States Numismatic Society and the Florida United Numismatists. He is member A71 in the Certified Coin Exchange (CCE) and a member of CDN Exchange (BYRS).

Mike Byers was born in the coin business attending coin shows since he was six years old. When he was seventeen, he issued his first coin catalog. He has been a Market-Maker in U.S. Gold Coins and a dealer in major mint errors. In 1987 he offered limited partnerships and rare coin funds. He has written articles for *The Coin Dealer Newsletter* and has been featured on the front page of *Coin World* numerous times with his numismatic rarities. Mike Byers is a contributing author on mint errors for *CoinLink & CoinWeek*. He also assisted with the mint error section of *Coin Facts* on the PCGS website. You can visit Mike Byers and view his rarities at the ANA, Central States, FUN show and the Long Beach Coin Expo.



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# PCGS Certifies Unique TWO-HEADED Nickel

by Mike Byers (mikebyers.com)

*Editor's Note: This article originally appeared in Mint Error News Magazine Issue 40.*

**This is the only known U.S. regular issued coin of ANY denomination that was struck with two obverse dies (two-headed). It stands alone as a major U.S. numismatic rarity and proves that a U.S. two-headed coin exists!**



# **PCGS Certifies Unique TWO HEADED Nickel**

**T**here are three known U.S. regular issued coins struck with two reverse dies. Fred Weinberg sold a two-tailed Washington Quarter for \$75,000 and a two-tailed Roosevelt Dime for \$45,000. The third known two-tailed was a Washington Quarter that sold in a Heritage Auction for \$41,975.

Fred Weinberg stated that:

*“this amazing unique major mint error is the only known U.S. two-headed coin. It is very dramatic since both sides are identical, having been struck with two obverse dies.”*

Although slightly weakly struck, it is in gem condition and was certified and authenticated by PCGS as MS 65. It is exciting that this unique and spectacular major mint error survived the minting process. This unique mule was authenticated and certified by PCGS in 2016.

# PCGS Certifies Unique TWO HEADED Nickel



# PCGS Certifies Unique TWO HEADED Nickel



# Fred Weinberg & Co.

Dealer in Major Mint Error Coins & Currency

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If you have a single major mint error coin, either a recent issue or an older type coin, or 1,000 Off-Center Cents, please contact us. We stock over 60,000 Major Mint Error Coins and constantly need to purchase Major Error Coins for our clientele (please note that we do not deal in or buy Die Varieties, Damaged Coins, Doubled Dies, Filled Dies, or Die Cracks).

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# fredweinberg.com

# NGC Certifies 1976-S 5C Obverse Impression Struck Into Center of \$1 Planchet (Proof Nickel/Dime Mule)

by Mike Byers (mikebyers.com)

*Editor's Note: This article originally appeared in Mint Error News Magazine Issue 35.*

This unique striking is a proof mule, struck by the San Francisco Mint on a proof Ike Dollar planchet. The obverse

shows Jefferson's portrait and the 1976-S date and Mint Mark.



# NGC Certifies 1976-S 5C Obverse Impression Struck Into Center of \$1 Planchet (Proof Nickel/Dime Mule)

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The reverse shows the design of the dime struck by either a proof Dime obverse die or hub. This is the only known U.S. coin struck in proof, with two different designs from two different denominations, on a large proof planchet.

This proof Nickel/Dime mule is possibly a die trial or test piece. The Jefferson Nickel obverse die was perfectly centered when it was struck into the Ike Dollar blank. A reverse Dime die or hub was deliberately used to strike the dime design on the reverse.

It is unique in several ways. Not only is it the only known proof U.S. mule, it is also the only known U.S. mule struck on a larger planchet. This unique striking provides insight into the U.S. Mint's testing and production methods.

The San Francisco Mint struck Jefferson Nickels in 1976 but only in proof. In addition, the San Francisco Mint only struck proof Eisenhower Dollars in copper-nickel clad intended for the Bicentennial Ike coinage of 1976. Therefore, this is obviously a proof mint error or die trial from the San Francisco Mint.

It is incredible that this dramatic proof mule was discovered and subsequently sent to NGC for authentication. Although this mint error or die trial was struck 40 years ago in the San Francisco Mint, it was previously unknown to the numismatic community until its recent discovery. Having dealt in major mint errors, die trials and unique numismatic rarities for 40 years, I consider this piece to be one of the most spectacular and unique U.S. coins of all time.

Dave Camire and NGC authenticated and certified this unique striking as a U.S. 1976-S Jefferson Nickel struck into an Ike Dollar blank. This unique proof striking was part of a 40 year old proof and mint state collection of mint error coins and die trials which recently surfaced and was certified by NGC. After Fred Weinberg, Andy Lustig, Mike Diamond, Jon Sullivan and other experts studied this coin, the consensus was that this Nickel/Dime Mule is the only known proof U.S. mule.

Fred Weinberg stated that "I've handled mint state mules and coins struck by two obverse or two reverse dies, but this incredible proof Nickel/Dime striking

# NGC Certifies 1976-S 5C Obverse Impression Struck Into Center of \$1 Planchet (Proof Nickel/Dime Mule)

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is unique. It is amazing that it survived and was just discovered after 40 years.” Fred Weinberg is the PCGS consultant for authenticating mint errors and is a recognized world expert on the minting process.

Andy Lustig, co-publisher of U.S. Patterns and the editor of Mint Error News, when shown this unique mule, stated that it is “not just unique, but practically unimaginable! I’ve never seen or heard of anything similar from any U.S. Mint.”

Mike Diamond described this on his Error Coin Information Exchange as “a large dollar or dollar sized planchet that was weakly struck by a proof Nickel obverse die on one face and a proof Dime obverse die on the other face. The Dime design was hubbed or transferred into a larger area marked by many irregular features.” Mike Diamond, error coin specialist, is lead author of Coin World’s weekly “Collectors’ Clearinghouse,” which delves into how errors and varieties are created in U.S. coinage.

Jon Sullivan examined this unique striking and said that “this is the only known muling of a U.S. Dime obverse and a U.S. Nickel obverse. This is one of the most fascinating mint errors I have ever seen.” Jon Sullivan of [sullivannumismatics.com](http://sullivannumismatics.com) is a recognized mint error expert and full time mint error dealer.

There are 14 known Sacagawea Dollar/State Quarter mules. Several of these have sold as high as \$125,000. There are 3 known Cent/Dime mules. These have traded for as high as \$138,000 in a Heritage Auction. This Proof Nickel/Dime mule is unique and in a class of it’s own.

This U.S. proof striking of a muled Nickel obverse die and Dime obverse die or hub on a large proof planchet is unique and one of the most spectacular mint errors or die trials ever discovered. It is a combination of rarity, fantastic eye appeal and numismatic significance. Whether or not it is a mint error or a die trial adds mystique to an already unique and spectacular numismatic rarity.

# **NGC Certifies 1976-S 5C Obverse Impression Struck Into Center of \$1 Planchet (Proof Nickel/Dime Mule)**

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# **NGC Certifies 1976-S 5C Obverse Impression Struck Into Center of \$1 Planchet (Proof Nickel/Dime Mule)**

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# **NGC Certifies 1976-S 5C Obverse Impression Struck Into Center of \$1 Planchet (Proof Nickel/Dime Mule)**

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# **NGC Certifies 1976-S 5C Obverse Impression Struck Into Center of \$1 Planchet (Proof Nickel/Dime Mule)**

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# A Collection of U.S. Mules

*From the Heritage auction listing:*

## **Famous (2000)-P Mule Error, Lustrous Premium Gem, Quarter Obverse, Sacagawea Reverse and Planchet**

(2000)-P Sacagawea Dollar -- Muled With Statehood Washington Quarter Obverse -- MS66 PCGS. Die Pair 1 (of 3), cracked through the F in OF on the reverse. This “mule” error, which combines a Sacagawea dollar’s planchet and eagle “tails” design with a “heads” side that shows George Washington and the legends from the Statehood quarter design from 1999 on. A “P” mintmark represents Philadelphia.

While the coin itself is dateless -- in 2000, Washington quarters were dated on the reverse and Sacagawea dollars the obverse -- the coins were identified and documented in 2000, the first year of Sacagawea dollar production, hence the date attribution. It is worth noting that in theory, similar errors could have been created from 2001 to 2008 while the Sacagawea dollar had an eagle on the reverse, but after the considerable public embarrassment these “mules” caused the U.S. Mint -- the Office of Public Affairs released a statement on August 4, 2000, confirming the genuineness of at least four “mules” and citing rumors of further discoveries -- one would expect the U.S. Mint to have been “on alert” during that time.



# A Collection of U.S. Mules

The market for these “mules,” ranked #1 in 100 Greatest U.S. Error Coins, has been unusual, to say the least. Early auction appearances were in the five-figure range, but the vast majority of the known coins were snapped up, at least in the early going, by a single collector, Tommy Bolack (as detailed in Appendix B of 100 Greatest U.S. Error Coins). After almost a decade of exclusively private transactions for these coins, the auction route is making a comeback. It is clear the winning bidder will have to rise above the scrum to win this prize. In the print edition of the auction catalog, we noted the following:

“For now there are 11 confirmed distinct examples of these ‘mules,’ though others may well exist. (The 11th piece did not come to light until 2011, after the publication of the reference.) Identifying this coin within that roster is tricky, as there are several MS66 PCGS examples from Die Pair #1 and the market for these coins was almost exclusively private from 2001 to 2011. This coin does not appear to be a match for the ‘Discovery’ coin as pictured in the Bowers and Merena Sale of the Millennium from August 2000, but the ‘Fred Weinberg’ and ‘Tommy Bolack 1’ specimens remain possibilities.”

More recent information has come to light through Coin World, which considers this specimen to be a new addition to the census

of known survivors. The December 31, 2012 edition includes a front-page article about this specimen that rules out the two pedigree possibilities Heritage mentioned. The article quotes Tommy Bolack as saying the coin is not his, but that he hopes to add it to his collection. Coin World does not believe this piece is the ‘Fred Weinberg’ specimen, either.

In addition to the 11 specimens that were confirmed as of July 2011, Coin World reports that there were three other certification events for Sacagawea dollar/Washington quarter mules in 2005, two at NGC in March and one at PCGS (the present specimen) in an unknown month; the PCGS submission, as described by Ron Guth, was a new submission and not an NGC crossover. The “certified in 2005” mules have begun to emerge in the marketplace via auction; one of the NGC-graded pieces from 2005 appeared in a Stack’s Bowers auction in August 2012, while the other’s whereabouts were not traced by Coin World. Assuming no duplications, crackouts, or other complications in the existing census, this is the 14th known specimen of the “mule.”

This example is yellow at the base with a few grayish areas on the obverse and broad lavender-to-violet overtones on the reverse. The most notable shallow planchet voids, which may aid in future identification, are at the top of Washington’s temple and a pair in the field to the left of his nose.

# A Collection of U.S. Mules

*From the Heritage auction listing:*

## **Unusual Washington Quarter, Struck From Two Reverse Dies With Indent**

Undated 25C Washington Quarter--Double Struck With Two Reverse Dies and Indent--MS66 NGC. This unbelievable modern error is extremely important, a coin that was thought to be impossible until a similar specimen was discovered and authenticated a few years ago. This coin has been struck from two reverse dies, and authenticated both by the Secret Service and NGC. The nickel-gray fields are fully lustrous and lightly reflective. The first reverse (face-forward reverse in the NGC encapsulation) is well struck, but a bit flat at the centers of UNITED STATES OF AMERICA and showing minor distortion atop QUARTER DOLLAR. The other reverse was apparently struck normally once. It was then struck a second time by a blank planchet on top, resulting in swelling and distortion. The arc-shaped outline of the second planchet is most visible at ER DOLLAR. There are no abrasions on this fascinating and clearly Uncirculated piece.

This coin was found in a California safe deposit box in about the year 2000, with many other errors struck in the mid to late 1960s at the San Francisco Mint. This piece was once paired with another clad quarter with two reverses. Fred Weinberg sold that coin by private treaty at the 2001 ANA show for \$80,000. The pieces,



thought be experimental, were coined at a time in San Francisco when many other unusual and provocative pieces were produced. Many of them came onto the market from the same hoard, which the State of California auctioned. This piece is similar to another special coin struck from two dies that were not intended to be used together, the famous 1999 cent/dime mule that Heritage recently sold for \$138,000. While this piece is not unique, it is equally special and would be the highlight of any advanced error or rarity collection.

# A Collection of U.S. Mules

Unusual Washington Quarter, Struck From Two Reverse Dies With Indent



# A Collection of U.S. Mules

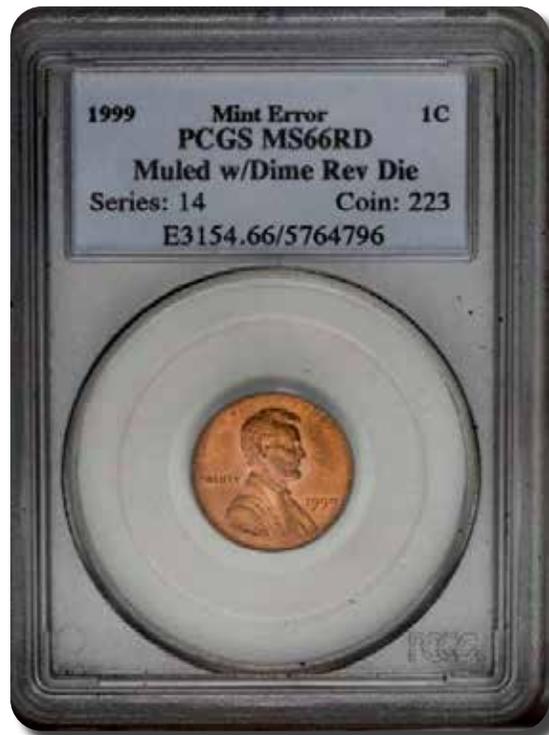
*From the Heritage auction listing:*

## **Unique 1999 Lincoln Cent Obverse Muled with a Roosevelt Dime Reverse**

1999 1C Lincoln Cent Obverse Die Muled With a Roosevelt Dime Reverse on a Lincoln Cent Planchet MS66 Red PCGS. This incredible error somehow escaped the scrutiny of Mint employees. We are uncertain how a Lincoln cent obverse die was paired with a Roosevelt dime reverse, but this coin proves that it happened. Only seven double-denomination mules had been certified by November 2003. Interestingly, the consignor of this piece also owns two of those coins, a 1993-D cent/dime on a cent planchet and a 1995 cent/dime on a dime planchet. This type of error occurred only recently, during the entire history of U.S. coinage that spans more than 200 years.

The obverse is sharply struck on the figure of Lincoln and the date, although the opposing dime die, being slightly smaller than the cent planchet, caused minor peripheral weakness on the obverse. In other words, nothing was behind the periphery of the cent die to force the expanding metal into the recesses. Naturally, the slightly smaller reverse dime die caused that side to be boldly struck.

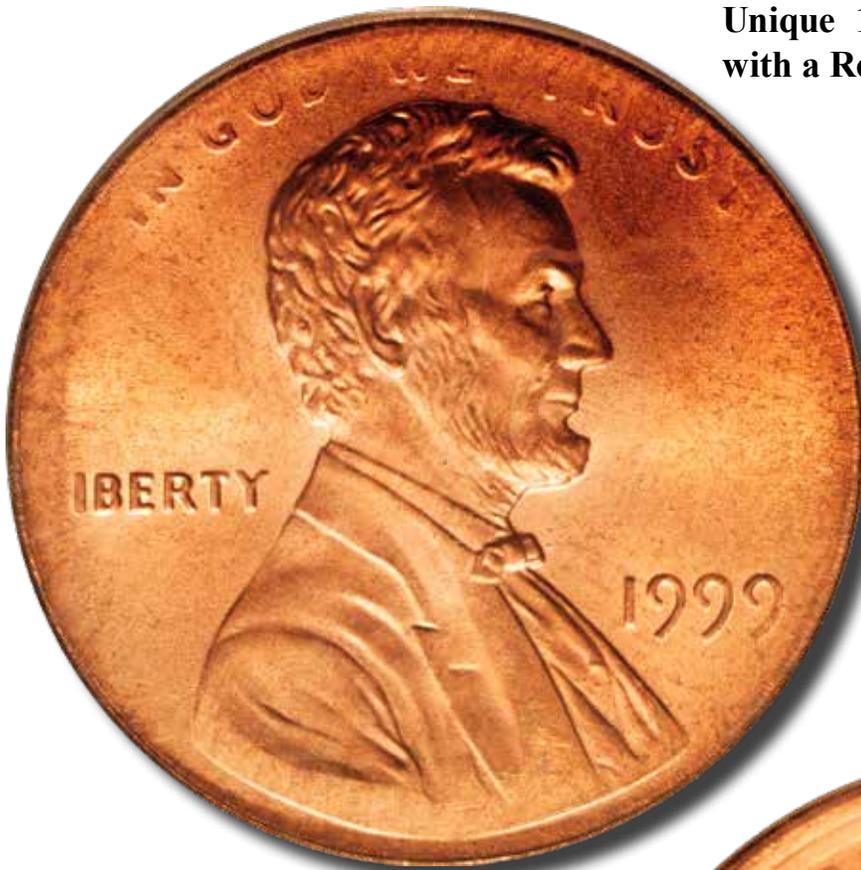
Shortly after this phenomenon dropped from the (mismatched) dies, it was discovered in Erie, Pennsylvania by someone who found the coin in a roll of 1999 cents obtained from a local bank. The discoverer then sold the piece to Dempsey & Baxter, a local jewelry store. Dempsey & Baxter held onto the piece until the present consignor “made them an offer they couldn’t refuse” in 2003. The consignor had hoped to surprise his father with the coin as a Christmas gift; however, his father unexpectedly died on October 2 of that year, several days before the coin was actually to be purchased. The consignor went ahead and bought the coin after his father’s death and kept it alongside his other double-denomination errors.



It has since been carefully handled, and has developed no spots or other distractions. The coin remains a solid Premium Gem MS66, with full mint Red. For the error specialist, this would be the centerpiece of an advanced collection. Error collectors will long remember the present coin and hope that someday it will again be publicly offered. This piece was widely publicized in Coin World and Numismatic News soon after its discovery. This prize represents a unique opportunity. It is undoubtedly one of the most important highlights of this or any numismatic auction.

# A Collection of U.S. Mules

Unique 1999 Lincoln Cent Obverse Muled  
with a Roosevelt Dime Reverse



# A Collection of U.S. Mules

*From the Heritage auction listing:*

## **Amazing Double Denomination Cent and Dime Mule**

1995 10C Roosevelt Dime--Struck With Cent Obverse Die--MS64 NGC. An astounding mint error that prior to the 1990s was believed impossible to occur. Only the narrow difference in die diameter between the cent and dime makes it plausible that a busy mint worker could erroneously pair dies of different denominations. Most likely, a press run was made from this die pairing and detected by an inspector, possibly the operator of the mint press. Perhaps the entire batch was melted, aside from the present coin.

This satiny near-Gem displays the characteristics expected of a dime struck with a cent obverse die. The obverse has only a partial rim. IN GOD WE TRUST and the L in LIBERTY are tight against the border. This is because the dime planchet was less in diameter than the cent die. On the dime side, the border displays minor softness of strike, principally on ES OF AM. This was partly due to the die alignment, but also because of metal flow of the planchet toward the collar to fill the unexpectedly wide cent obverse die. The strike on the cent is sharp except for minor incompleteness on the truncation of Lincoln's bust near the VDB initials.



# A Collection of U.S. Mules

*From the Heritage auction listing:*

## Remarkable Double Denomination Mule

1993-D Lincoln Cent--Struck with Dime Reverse Die--MS65 Red PCGS. U.S. coins struck with dies of different denominations are extremely rare. Until recent years, none were known. The most famous among those are the Sacagawea dollar reverse, paired with a statehood quarter obverse, of which ten examples are known, per Fred Weinberg. In our April 2006 Central States Signature, a 1999 cent with a dime reverse hammered down for \$138,000, the largest prices realized for an error coin in a Heritage auction, excluding the 1944-S steel cent that sold for \$373,750 in our 2008 ANA Signature.

Aside from malfeasance of a mint worker, the muled denomination error is only possible when the denominations involved are similar in diameter. A

cent is 19 mm, and a dime is 17.9 mm, a difference of 1.1 mm or approximately 5%. Given the billions of cents struck annually at the Federal mints, it was inevitable that an absent-minded worker would pair cent and dime dies. Presumably, the mistake was discovered and the struck pieces were destroyed before dispersal, with the single exception of the present survivor.

This lustrous Gem shows the characteristics expected of a cent and dime mule. The dime side has a broad, tall rim, since metal was forced into the collar of the dime die by the wider diameter cent die opposite. As a result, the cent side has a soft strike near the rim, since metal in the vicinity flowed into the dime collar. The strike on the devices is normal. The lustrous surfaces are pristine aside from a solitary faint graze above the date. The color is predominantly orange, with shades of fire-red and olive-green occasionally present.



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**1033677 | GREAT BRITAIN.** *Victoria. (Queen, 1837-1901).* 1872 AR Gothic Florin, Two Shillings Die Cap. NGC MS62 Mint Error. BRITT... With die number (Illegible due to error)/ Crowned shields of England, Scotland and Ireland in cross formation with flowers at corners. KM 746.2; SCBC-3893; ESC-2878(Prev. ESC-840 Type B).

A spectacular mint error, one of the most dramatic error pieces we have ever encountered.

NGC Certification Number 4224665-001. *Includes photo certificate*..... **\$26,500**

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# Unique “Two Tailed” Off-Metal

by Mike Byers (mikebyers.com)

*Editor's Note: This article originally appeared in Mint Error News Magazine Issue 39.*

This is one of two known U.S. or World Coins in numismatic history that were struck by either two obverse or two reverse dies and struck on an off-metal planchet. It is a Chile 2003 5 Peso struck with two reverse

dies on a Ni-Brass 1 Peso planchet certified by PCGS. The only other coin which fits this criteria is a Great Britain 1971 Halfpence struck with two obverse dies on a Copper-Nickel planchet that was certified by NGC.



# Unique “Two Tailed” Off-Metal



# Unique “Two Tailed” Off-Metal



New From Krause Publications:

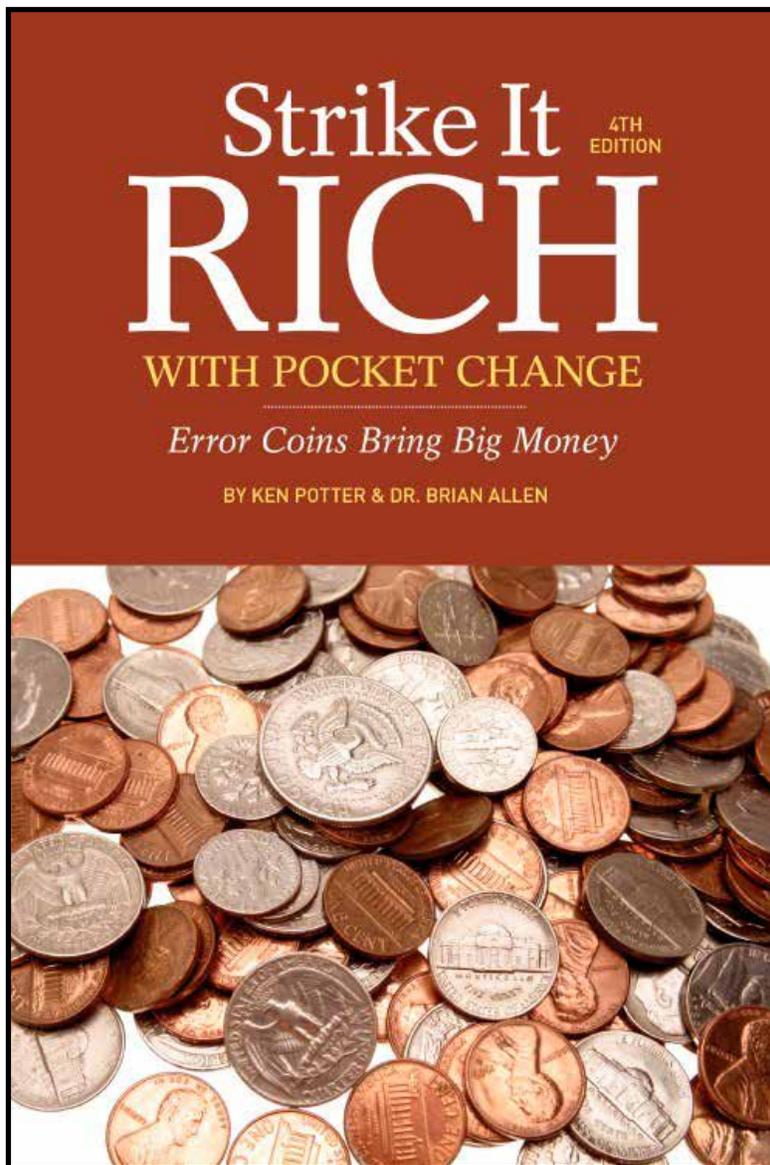
# Strike It Rich With Pocket Change

## *Error Coins Bring Big Money*

by Brian Allen & Ken Potter  
NEW 4th Edition

It takes a keen eye to spot them - and a little know-how - but errors on coins produced by the U.S. Mint occur every year. And these errors can be worth a fortune to coin collectors. *Strike It Rich with Pocket Change* shows the reader how to detect errors, what to look for and how to cash in on them. This book has a strong appeal for someone with a mild to dedicated

interest in coins, while drawing upon the treasure hunter in all of us - anyone who is looking for a hobby that does not require a great up-front investment, yet offers the potential of discovering valuable rarities. Any collector who has completed the standard set of a type or series now has an opportunity to broaden the scope of that collection.



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# 1982 Canadian Dime Muled with Cent Die

*Editor's Note: This article originally appeared in Mint Error News Magazine Issue 15.*

To date, this is the only reported specimen of a Canadian Dime that was muled with the reverse die of a 1982 Cent. It was purchased from a Canadian collector who discovered it in change. Major Canadian mint errors such as two-headed or two-tailed, and certain mules of different denominations are highly collected by US collectors and are very valuable.



# 1982 Canadian Dime Muled with Cent Die



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“Two-Headed” 2000-P Jefferson Nickel

Struck With Two Obverse Dies

PCGS MS 65

UNIQUE

\$100,000



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World's Greatest  
Mint Errors  
Author

# ANACS Certifies Unique “Two Tailed” Euro Set

by Mike Byers

*Editor's Note: This article originally appeared in Mint Error News Magazine Issue 2.*



This incredible “Two Tailed” Euro Set was just certified by ANACS. Mike Faraone, one of the graders and finalizers at ANACS, stated that “this is one of the most exciting mint error discoveries that I’ve examined and authenticated at ANACS. It is amazing that these new Euro coins were all struck by two reverse dies.”

Since twelve member countries use the same reverse dies, it is impossible to determine the origin of these mint errors. This is one of the most dramatic and unique mint error discoveries in modern times. My personal favorite is the 50c Euro / 20c Euro Mule struck by two reverse dies. I am very excited to debut this amazing set in Mint Error News Magazine.

# **ANACS Certifies Unique “Two Tailed” Euro Set**

On January 1, 2001 the Euro officially became the first common European Currency, replacing the individual National Currencies of the 12 Member Countries of the European Monetary Union. These countries are: Austria, Belgium, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, Netherlands, Portugal and Spain.

Every Euro Coin carries a common reverse design. Each of the 12 Member Countries strike the Euro with its own unique obverse design. Regardless of which Country is depicted on the obverse of a Euro Coin, it is accepted in any of the 12 Member Countries.

Euro Coins were minted starting in 1999. Not every country struck every denomination of Euro Coins in the first year. By the beginning of 2001 each country had a sufficient supply of Euro Coins on hand. Euro coins were then distributed and released into circulation.

There are approximately thirty genuine two-headed or two-tailed coins that have been authenticated by ANACS, PCGS or NGC. There are only three known “Two Tailed” U.S. coins: two Quarters and one Dime. One of the Quarters recently sold for \$80,000.





# ANACS Certifies Unique “Two Tailed” Euro Set

An incredible error:

A 50c Euro / 20c Euro Mule  
Struck By Two Reverse Dies



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A. 2003 ANA National Money Show, lot 6963  
1919 Quarter  
Struck 50% Off Center  
XF45 PCGS  
**REALIZED \$15,525**

B. 2002 September Long Beach Sale, lot 9648  
1999 SBA Dollar  
Multiple Strike, Reeded Edge  
MS65 PCGS  
**REALIZED \$6,900**

C. 2002 New York Sale, lot 7290  
1999 Cent  
Die Cap With Second Coin Bonded  
MS64 Red Uncertified  
**REALIZED \$920**

D. 2002 February Long Beach Sale, lot 7300  
Undated Struck Through  
Capped Die Indian Cent  
MS64 Brown PCGS  
**REALIZED \$1,265**

E. 2002 FUN Sale, lot 9040  
1963 Half Dollar  
Split Planchet  
AU58 Uncertified  
**REALIZED \$1,610**

F. 2001 ANA Sale, lot 8658  
1963 Half Dollar  
Double Struck, Indented by a Cent Planchet  
MS66 PCGS  
**REALIZED \$20,125**

G. 2001 ANA Sale, lot 8651  
1999-P Dime  
Bonded Strike, Struck More Than 10 Times  
MS64 Uncertified  
**REALIZED \$2,300**

H. 2001 ANA Sale, lot 8657  
1999 Mated Pair of Georgia Statehood Quarters  
Partial Collar, Indent and Stretch Strike, Indent  
MS64 Uncertified  
**REALIZED \$2,415**

I. 2001 February Long Beach Sale, lot 7497  
1912 Quarter Eagle  
Struck 5% Off Center  
MS64 NGC  
**REALIZED \$4,370**

# Two-Headed & Two-Tailed Coins

*Editor's Note: This article originally appeared in Mint Error News Magazine Issue 1.*

There are approximately twenty known genuine two-headed or two-tailed coins that have been authenticated and certified by ANACS, PCGS and NGC.

There are only three known "Two Tailed" U.S. coins: two Quarters and one Dime. One of the Quarters recently sold for \$80,000.

Most of these world coins that were struck with either two obverse or two reverse dies have been handled by Mike Byers of Byers Numismatic Corp. (mikebyers.com). Two of these are Canadian Copper Cents that were struck with two reverse dies and authenticated by PCGS. A few others from this collection of two headed and two tailed coins are featured below.





# **CONECA**

The Combined Organizations of Numismatic Error Collectors of America



**CONECA is a national numismatic organization devoted to the education of error and variety coin collectors. CONECA focuses on many error and variety specialties, including doubled dies, Repunched mintmarks, multiple errors, clips, double strikes, off-metals and off-centers -- just to name a few. It publishes an educational magazine, The Errorscope, which is printed and mailed to members bimonthly. CONECA offers a lending library, examination, listing and attribution services; it holds annual meetings at major conventions (referred to as Errorama) around the country, and offers auction services to its members. Please visit [conecaonline.org](http://conecaonline.org) and enjoy!**

#### **CONECA Variety Attribution Services**

CONECA offers two attribution services. One service enables members and non-members to send their coins directly to an authorized CONECA attributer. The other service is offered through the numismatic grading firm of ICG and enables CONECA members and non-members to have their coins attributed by a CONECA attributer and then graded and slabbed by ICG.

#### **CONECA Error Examination Services**

CONECA offers two examination services. One service enables members and non-members to send coins to an authorized CONECA examiner who will return an opinion of each coin's error classification. The other service is offered through the numismatic grading firm of ICG and enables CONECA members and non-members to have their coins examined by a CONECA examiner and then graded and slabbed by ICG.

# **[conecaonline.org](http://conecaonline.org)**

# PCGS Certifies Incredible Canadian “Two Tailed” Die Cap

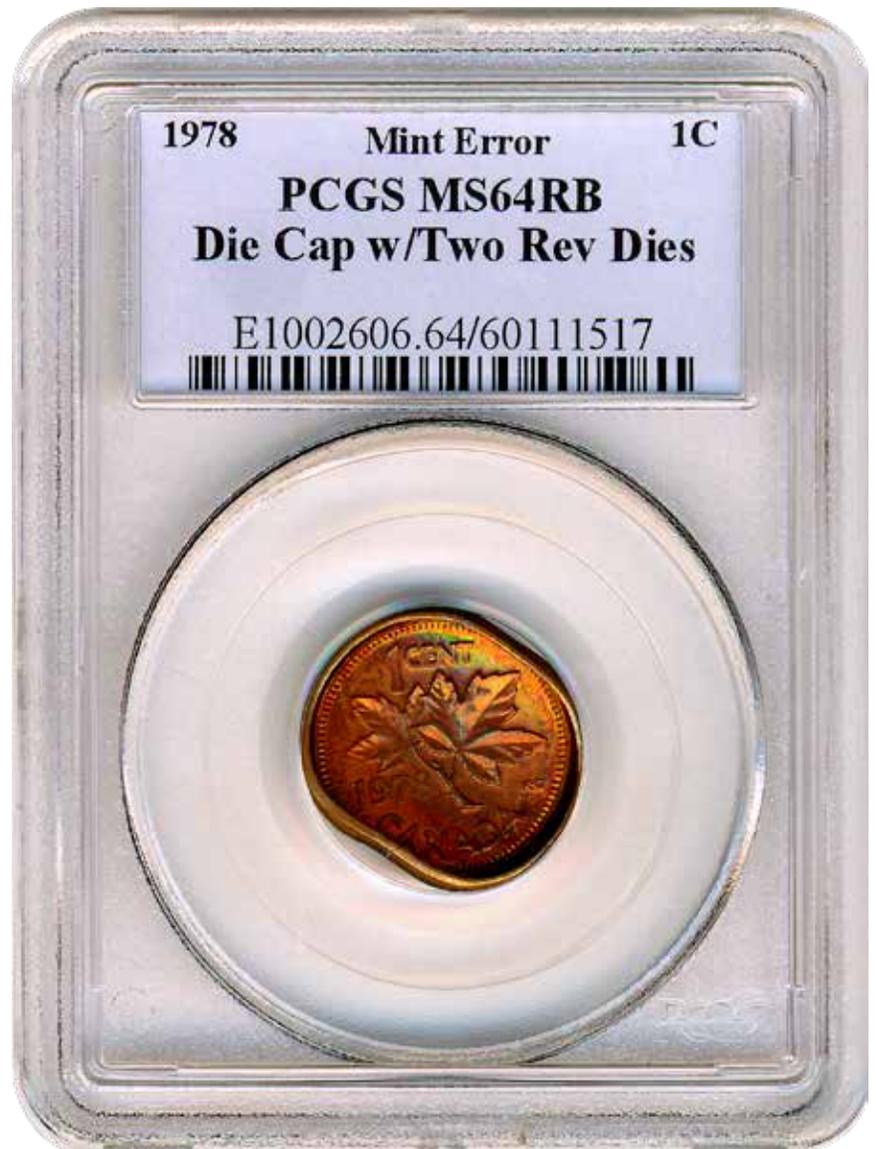
by Mike Byers (mikebyers.com)

*Editor's Note: This article originally appeared in Mint Error News Magazine Issue 6.*

Although struck over 25 years ago, this new discovery was just certified at PCGS. It is the only known certified two headed or two tailed coin that is also a die cap. The odds of this combination occurring are extremely rare.

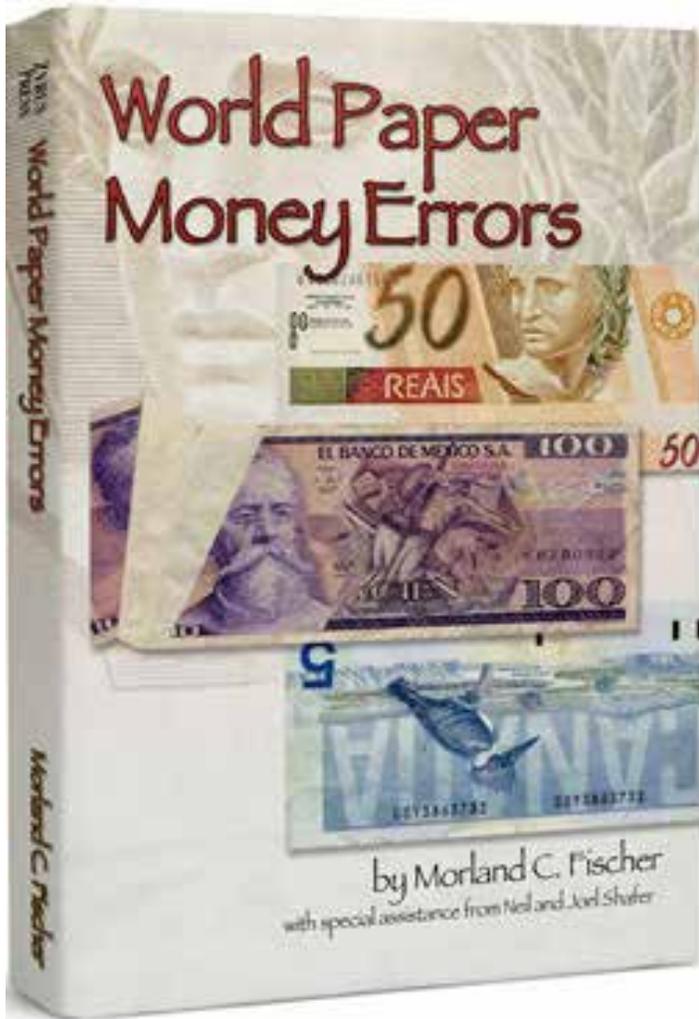
There are approximately thirty genuine two-headed or two-tailed coins that have been authenticated by ANACS, PCGS and NGC. There are only three known “Two Tailed” U.S. coins: two Quarters and one Dime. One of the Quarters recently sold for \$80,000.

I have handled most of the world coins that were struck with either two obverse or two reverse dies. Two of these are Canadian Copper Cents that were struck with two reverse dies and authenticated by PCGS. I purchased these in a Canadian Mint Error Collection and they have since been featured in a front page Coin World article.





# WORLD PAPER MONEY ERRORS



## World Paper Money Errors Explored!

Odd shapes, upside down prints, intriguing cuts and folds, and missing design elements are only a few of the different printing errors examined in this expansive collection on foreign error notes. World Paper Money Errors is a visually compelling avenue into the fascinating and rarely explored area of numismatics that expands on the hobby of collecting paper currency.

Author Morland Fischer's comprehensive collection reflects the attraction and advantages of exploring foreign printing errors. An overview of collecting paper money errors in today's numismatic market offers insights on the great disparity between domestic and world notes. Market values are discussed, acknowledging what variables make an error note precious in the trade. Incorporating these concepts and more, Fischer expands the method of collecting currency errors by introducing a Foreign Error Note (FEN) scale to gauge price levels based on error type.

With over 200 examples of dramatic, colorful and intriguing foreign paper money errors, collectors and spectators alike are exposed to a new form of collecting currency. The numismatic community will benefit from this thorough guide that is unlike any other on the market.

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# Just Discovered & Certified by NGC: A Two Headed Off-Metal Mint Error

by Mike Byers (mikebyers.com)

*Editor's Note: This article originally appeared in Mint Error News Magazine Issue 13.*

There are approximately thirty genuine two-headed or two-tailed coins that have been authenticated by ANACS, PCGS or NGC. There are only four known "Two Tailed" U.S. coins: three Quarters and one Dime. One of the Quarters recently sold for \$80,000.

I have handled most of the world coins that were struck with either two obverse or two reverse dies. Two of these are Canadian Copper Cents that were struck with two reverse dies and authenticated by PCGS. I purchased these in a Canadian Mint Error Collection and they have since been featured in a front page Coin World article.

The coin featured here is a Great Britain ½ Pence. It was struck with 2 obverse dies. Instead of being struck in bronze, it is on a Copper Nickel blank planchet. To date, this is the only known "Two Headed" or "Two Tailed" mint error that is also an off-metal.

It is an exciting discovery since this a unique combination. This occurred when mismatched dies were selected to strike ½ Pence coins and a wrong planchet inadvertently remained in the collar. Unique.



**Just Discovered & Certified by NGC: A Two Headed Off-Metal Mint Error**



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Contributor  
to  
COINWEEK



World's Greatest  
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# UNIQUE “TWO HEADED” OFF-METAL

BY JEFF YLITALO

This is one of three known U.S. or World coins that were struck by either two obverse or two reverse dies and struck on an off-metal planchet. It is a Chile 10 Pesos struck with two obverse dies on a magnetic copper plated steel planchet and weighs 2.22 grams. A normal 10 Pesos for this design is struck on an Aluminum-Bronze planchet.

This off-metal planchet can be traced to 1997 when for one year only the Bolivian 10 Centavos coin was struck on a copper plated planchet having a weight of 2.23 grams. The Santiago Mint in Chile strikes coins for a number of countries including Bolivia.

Two other unique coins are known to have been struck by either two obverse or two reverse dies on an off-metal planchet. The first is a unique two headed 1971 Great Britain ½ pence struck with two obverse dies on a nickel copper planchet and is certified by NGC. The other is a two tailed 2003 5 Pesos from Chile struck with two reverse dies on a 1 peso nickel brass planchet and is certified by PCGS.

With this two headed off-metal 10 Pesos from Chile becoming only the third known off metal struck by either two obverse or two reverse dies, it will be certified and authenticated by one of the major grading companies in the near future.

# UNIQUE “TWO HEADED” OFF-METAL



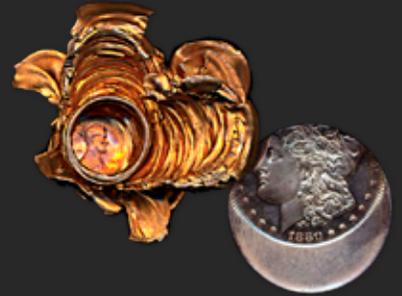
# UNIQUE “TWO HEADED” OFF-METAL



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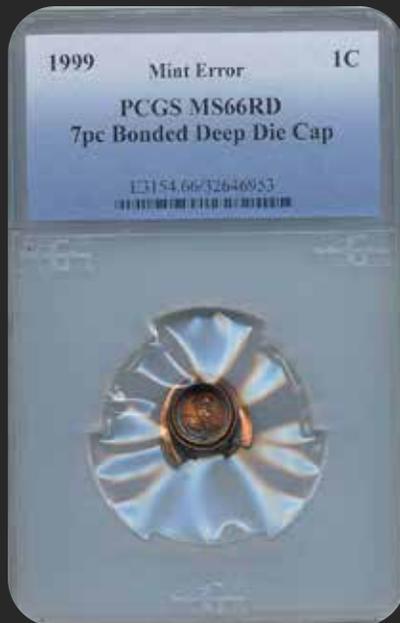
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1999 Lincoln Cent 7-pc. Bonded Deep Die Cap  
PCGS MS-66 RED

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1964 Lincoln Cent Struck on a CLAD Dime  
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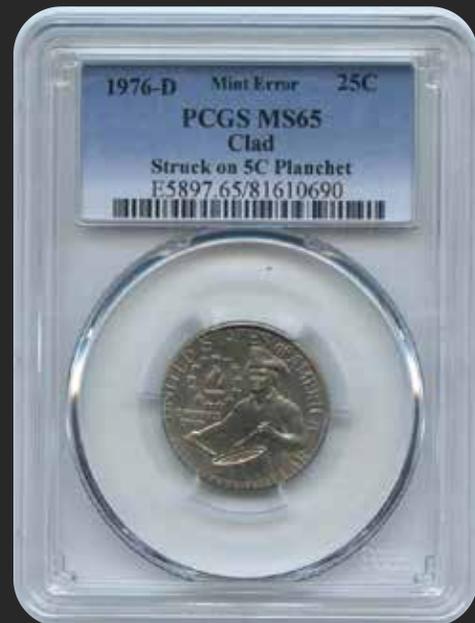
1999-P Pennsylvania Quarter Struck on  
Experimental plan PCGS MS-66

**\$3,750.00**



1976-D Bi-Centennial Quarter Struck on  
a Nickel planchet. PCGS MS-65

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1887 Seated Liberty Dime Struck 10% Off-Center  
PCGS MS-63

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2015 \$50 American Gold Eagle Obverse Indent  
PCGS MS-69

**\$3,350.00**



1999 Lincoln Cent Dual Date-Double Denomination  
PCGS MS-66

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1979-D Lincoln Cent Three Bonded Planchets PCGS  
MS-66 RED

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Mike Byers is the Publisher & Editor of Mint Error News Magazine

# COINWeek

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Our mission is a simple one, to inform, entertain and educate our readers about coins, paper money, and every other area of numismatic pursuit.

We accomplish that mission by having the best numismatic writers and contributors in the industry. In fact since 2011, CoinWeek writers and contributors have won over 40 Numismatic Literary Guild Awards and CoinWeek itself has been named the “Best Online News Site” for the last 4 years straight.

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*New Edition of Bart's United States Paper Money Errors Available Now*

# UNITED STATES PAPER MONEY ERRORS

A Comprehensive Catalog & Price Guide



**DR. FREDERICK J. BART**

FOURTH EDITION

Comprehensive Catalog and Price Guide makes first appearance since 2008

By Coin & Currency Institute....

After a lapse of seven years, a new edition of United States Paper Money Errors, Fred Bart's ground-breaking book is now available. The fourth edition is more than just an update to the third: Bureau of Engraving and Printing (BEP) errors have been added, nearly all the illustrations have been changed, there is a rarity guide for each note—which additionally are now priced in four grades (EF, AU, Choice CU and Gem CU)—and, for the first time, there is a section showing some notes in color.

This has always been an enormously popular book, not only among established collectors but also with newcomers seeking to learn more about their "find." There is no other book like it on the market. More than a price guide, its 296 pages contain a wealth of information on what to look for and what mistakes to avoid. It is a necessity for all dealers, collectors, and anyone who comes into regular contact with paper money.

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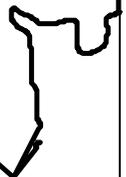
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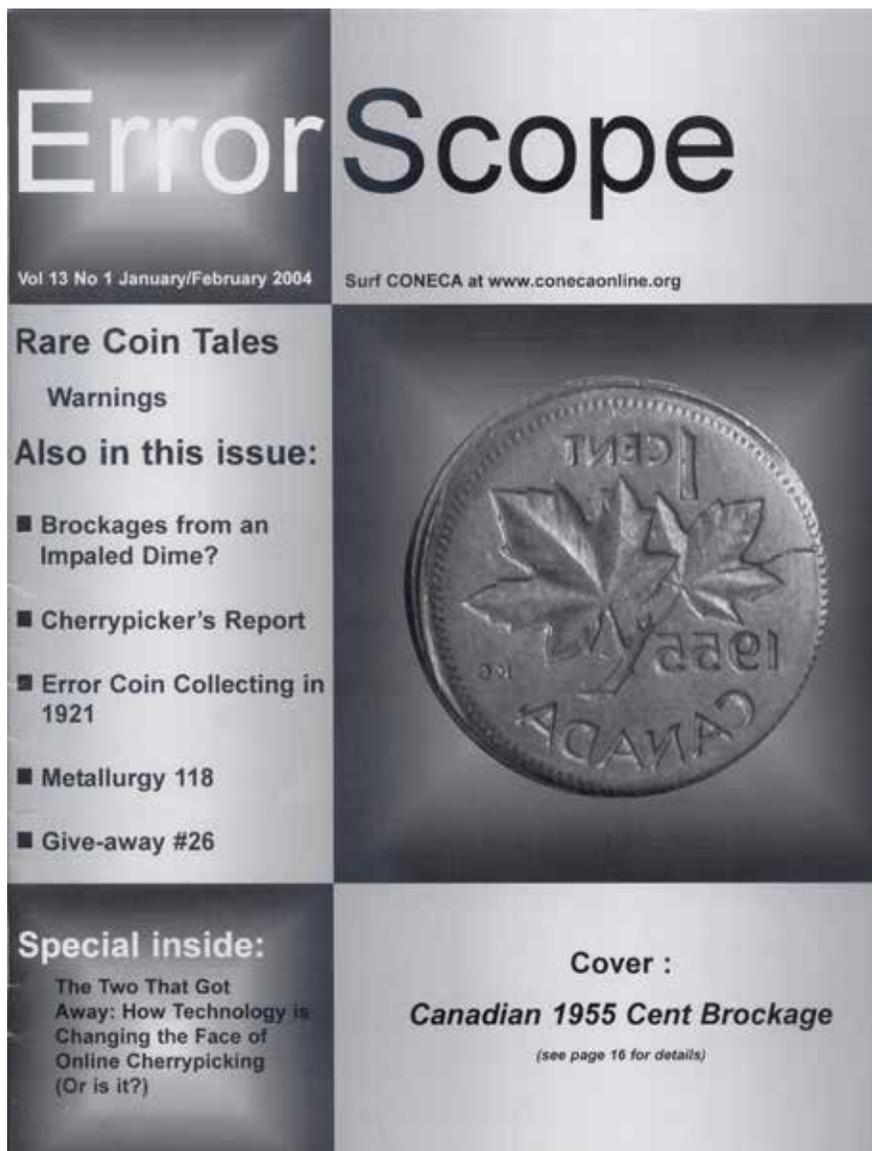


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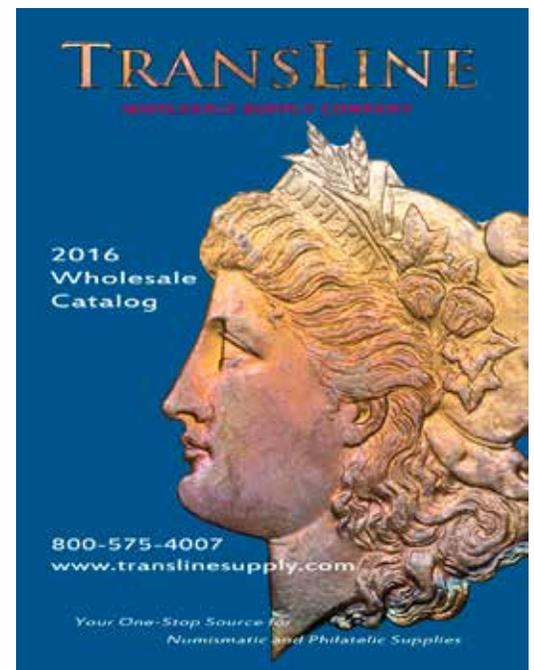
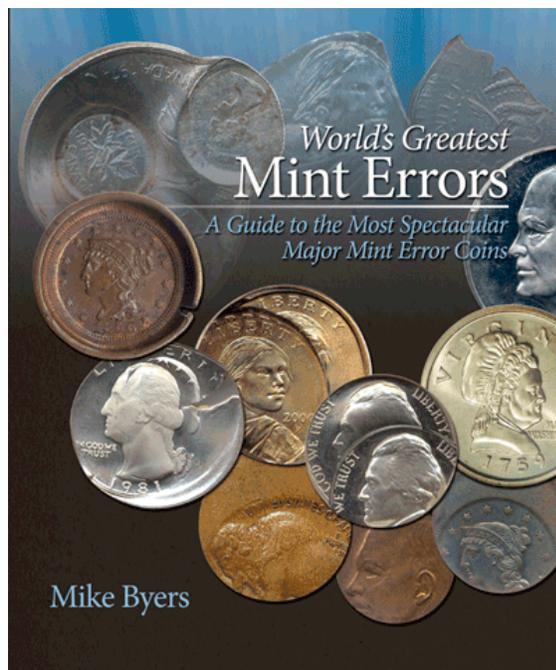


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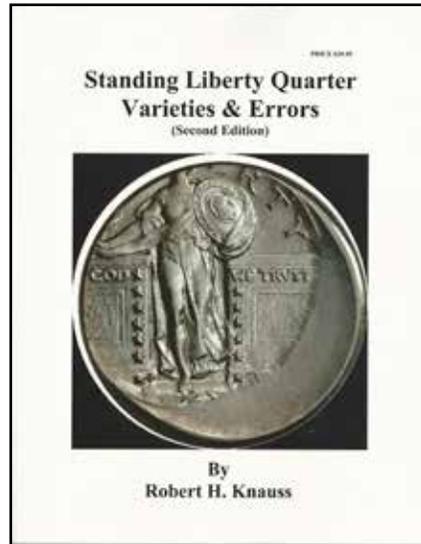
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# MINTERRORNEWS GLOSSARY



## What Are Mules?

A mule occurs when a coin is produced with mismatched dies. In some countries, the Mints use dies for different denominations with the same dimensions. In these instances, mules have been known to exist and are not that rare.

An example would be a New Zealand/Bahama mule where thousands were struck and they are worth \$50 each. The obverse of a Bahama 5 Cent piece was muled with the reverse of a New Zealand 2 Cent piece.

On the other end of the spectrum are the extremely rare mules including a few from the United States. An example would be a mule with a Sacagawea Dollar reverse and a State Quarter obverse.

The photo shown above is a rare example of a Euro 50 Cent reverse that was muled with a Euro 20 Cent reverse. This rare piece is also a “two-tailed” coin because both dies were reverse designs and both are denominations of Euro coinage.

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