

Kevin Kell, President
Kenny Smith, Vice President
Jim Jeska, Treasurer
Sam Fairchild, Secretary

**The coin club meeting is at 7PM the second Thursday of each month at:
The Mission Church, 3224 Cheek Sparger Rd., Bedford, Texas 76021**

A stack of yellow BINGO cards. The top card is clearly visible, showing a grid with the word 'BINGO' at the top. Below it is a 5x5 grid of numbers. The numbers are: Row 1: 10, 15, 20, 25, 30; Row 2: 35, 40, 45, 50, 55; Row 3: 60, 65, 70, 75, 80; Row 4: 85, 90, 95, 100, 105; Row 5: 110, 115, 120, 125, 130. The word 'BINGO' is printed in large, bold letters across the top of the grid. The cards are stacked, with several others visible underneath.



2020 Membership Dues

2020 Membership dues are \$15.00 for Adults and \$5.00 for Juniors, and are a major support for club activities. Membership not only qualifies you for the monthly progressive door prize, but should also give you a discounted meal at the 2020 Christmas party. Jim Jeska will take 2020 dues at this meeting.

Collectors Forum

A group of collectors normally meets on the fourth Tuesday of each month at the North Richland Hills Library at 7:00 pm. This is a casual meeting with no specific format, but with a topic for each meeting (suggestions are welcome) and the conversation is allowed to flow freely. No meeting will be held in December; the next meeting will be on Tuesday, January 27th.

Artificially Toned Coins

Many collectors are drawn to beautifully toned coins, especially those with hues of blue, violet and other vivid rainbow colors. Auctions of these coins often garner premium prices with a multiple of untuned examples of the same grade. This leads unsavory dealers to find ways of artificially toning their untuned inventory. Unless a collector has educated himself to identify signs of this artificial toning, he could suffer a significant loss when trying to sell his damaged coin.

Toning is the result of a chemical reaction between the metal surface of a coin and an atmospheric element (most often sulfur or oxygen). As that reaction occurs, a compound forms on the surface of the coin, gradually changing the color of the metal over many years.

Of the metals most often used to produce coins, copper is the most chemically reactive and therefore the most prone to toning. When first minted, copper cents have a bright red color. Over time, the copper oxidizes and the coin's color darkens to brown. Copper cents can also acquire "rainbow" multicolored toning, but it is much less likely.

Silver coins usually oxidize over time towards a grey color. Silver frequently reacts with sulfur to form rainbow toning. Nickel by itself is a fairly unreactive metal, and generally only oxidizes to a deeper grey color over time. But when alloyed with copper, as in US nickels, the metal becomes slightly more reactive, and rainbow toning is not uncommon. Gold is very unreactive; due to the small content of copper, gold coins oxidize to an orange color over time, but very rarely red or purple.

Some dealers try to induce toning within a shorter period of time. These "coin doctors" expose their coins to sulfur and other elements in humid, high heat conditions - trying to artificially speed up the toning process to produce vividly toned coins.

Color patterns of artificially toned coins are a strong indicator of the doctored example. Generally, artificially toned coins tend to have more dramatic toning. Deep blues, purples, and reds are common on artificially toned coins, often with no transitions between colors. A naturally toned coin will tend to have gradual transitions between colors, along the normal color spectrum- green to yellow, yellow to pink, pink to red, red to violet, violet to blue, and blue to green.



Toning of these coins will also appear to "float" on the surface of the coin rather than having greater depth.

Most artificially toned coins have been cleaned or dipped to remove the original toning. Therefore, these coins will likely have hairlines beneath the toning and have somewhat impaired luster.

Special Meeting Activity Calendar

- December** – Christmas party
- April** – Donation auction
- May** – Quiz Night
- June** – Youth Night
- July** – Weenie Roast
- September** – Show and Tell Night
- November** – Veteran's night, Officer/Director elections

We need volunteers to give the 2020 programs. Contact Allen Scott if you have an interest.

Upcoming Local or Major Coin Shows

- December 6-7** – Cowtown Coin Show, 8905 Clifford, White Settlement. \$3.
- January 9-11** – FUN Show, Orlando Convention Center, Orlando, FL. Free.
- January 17-18** – Houston Money Show, Lonestar Convention Center, Conroe. \$3.
- January 24-25** – Cowtown Coin Show, 8905 Clifford, White Settlement. \$3.
- January 31-February 2** – Texas Coin Show, Grapevine Convention Ctr. \$3/free with NETCC membership.
- February 15** – Texhoma Coin Show, 405 North Rusk St., Sherman. Free.

November New Members: Richard Laster.

November First Time Visitors: Jose Serrano, Pierre and Philippe Lavedan, Shere Thomas, Tegan and Avery Brennan, Alex Thomas and Richard Laster.