



The Hamilton Hinge



APS Chapter #C-104282 – ATA Chapter #127

Hamilton Township Philatelic Society (HTPS)

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November-December 2015

NOVEMBER – DECEMBER MEETINGS



For our November 17th meeting, **Sid Morginstin** will give a talk on *Lundy Island Commercial Mail*. Sid has accumulated an impressive set of covers to and from countries around the world.

So come to the meeting and enjoy Sid's presentation. Due to the length of Sid's talk, we will not have time for Show and Tell.

December's meeting is always a lot of fun. We will have a member show 'n tell and our annual Holiday party. The meetings start at 7:15 PM, but come early to check out the displays and items for trade / sale or to chat with your fellow philatelists.

STAMP IDENTIFICATION

Paul Shumacher was the first of many to correctly identify our prior issue's stamp as Montenegro #45 issued in 1896.



This month's entry has plenty of information in the design so we won't provide additional hints. Just get out those catalogs and start your search.

\$1.00 in mint U.S. stamps for the first correct responder.

2016 Membership Drive . . .

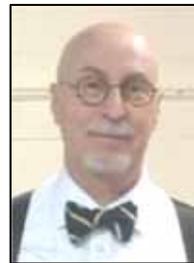
It is that time of the year. **Dues remain at \$10.** This is a real bargain considering all that the HTPS offers. So send a check or cash to HTPS at the masthead address above, or see Jack Sack at our next meeting.

Also, remember that the club will waive one year's dues to any member who either brings a new member to the club or joins the APS for the first time.

IN THIS ISSUE . . .

- *Meeting Proceedings*
 - *Chemistry on Stamps*
 - *Upcoming Events*
- . . . and much more!

PRESIDENT'S MESSAGE



Please join us for our Holiday party on December 15th. We promise a variety of food, drink and sweets. Don't forget to bring something for show and tell.

On behalf of the HTPS membership, I hope that you and yours have a wonderful holiday time and a very happy and healthy New Year.

PHILATELIC EXHIBITION . . . [Source: MSC email]

The Merchantville Stamp Club (MSC) hosted a philatelic exhibition titled – "Knowledge through Books and Stamps" – at the Pennsauken Library. The exhibit ran from October-24-30. The 38 people who attended the opening ceremony received a commemorative cover. The photo below shows Robert Fisher-Hughes, VP of the Friends of the Pennsauken Library, addressing some of the opening day visitors who later enjoyed pizza and other refreshments.

A big thank you to all the stamp exhibitors, Carol Anne Visalli (cachet /program), Mary Sanchez (refreshments) and the set-up team of Tom Lausi, Bill Schnug, Charlie McGinley, Paul Schumacher and Roger Randall.



SEPTEMBER MEETING PROCEEDINGS . . . by Jack Sack

The **September meeting** was a sign that fall had finally arrived. At the brief business meeting, President **Jeff Boyarsky** announced two new membership incentives. The club will waive one year's dues to any member who either joins the APS for the first time or brings a new member to the club.

Ken Steel reported that over 48 pounds of stamps were sent to the "Stamps for the Wounded" program over the summer. **Jack Sack** announced that the 2016 membership drive will begin in October.

The formal meeting was followed by several interesting "Show & Tells" and Mini-presentations. **Jeff Boyarsky** showed examples of several colorful advertising covers from the early 20th century. Some covers have designs

on both the front and back.

This cover from Iver Johnson in



Boston, MA has a front cachet of their products and drawings on the back showing some of their wares in use. The company operated until 1993 supplying products created by various manufacturers. As an aside, both President McKinley and Sen. Robert Kennedy were killed by assassins using Iver Johnson model guns.

Tony Zingale gave a mini-presentation on "bisect" stamps. He showed several examples where stamps were cut or perforated in half to pay postage during periods of stamp shortages. In the unusual example shown here, two stamps from Portugal (#61 - 50 Reis) and (#59 - 10 Reis) were each bisected to pay a 30 Reis postal rate.



Most bisects were made by cutting stamps in half, but some have perforations running diagonally across the stamps in addition to the normal perfs around the stamp edges. The question came up as to how those bisect perforations were made – by hand or by machine. Tony will do more research on the topic and will ask members to help with bisect articles and examples.

Jim Cope showed some modern pre-cancelled stamps and meters for use on presorted letters. There are numerous postage rates depending on the number, size and weight of the letters being mailed, whether the letter is bar-coded or not, and whether the mail is sorted by distribution center, ZIP code, or even by individual postal route. See: <http://savepostage.com/> for all the current bulk and pre-sorted rates.

Jim also showed several examples of special rate stamps such as the "Stars & Stripes" issue from last February where three presorted coil stamps together form a design of a waving flag.



Andrew Boyajian gave a presentation on the "New Sweden" issue of 1988 to commemorate the 350th anniversary of the Swedish-Finnish colonization on the Delaware River. The United States, Sweden and Finland issued stamps on the same day to honor that event.

Andrew showed a presentation book issued by the Swedish Post Office to commemorate the event. While the US has many joint postage issues with other countries, this was the only time it prepared such an issue with two other countries.

Shown here are the First-Day cancellations for the three stamps – Sweden #1672, Finland #768, and U.S. #C117 – as found in the presentation booklet.

All three stamps have a similar design, showing the two ships, *Kelmar Nyckel* and *Fogel Grip*, and the settlers negotiating with American Indians.



Sweden also issued a booklet showing some famous Swedish-Americans including the poet Carl Sandburg and aviator Charles Lindberg.

Check out the Presentations page on our website at www.hamiltonphilatelic.org for a copy of Andrew's presentation.

OCTOBER MEETING PROCEEDINGS . . . by Jack Sack

At the brief business meeting, **Ken Steel** reported that he received acknowledgements for the seven pounds of stamp donations sent to the "Stamps for the Wounded" program in September. Not only does Ken handle this effort, he also pays for the shipping costs himself.

Len de Groot reported that member **Don Bunker** is recovering from his recent illness and is looking forward to returning to the club meetings in the near future. Len also noted that HTPS was again mentioned in the latest issue of *Topical Time*, the journal of the ATA.



Our presentation for the evening was provided by **Milton Keiles** on "Making Your Own Album Pages using Free Software." There are many computer drawing programs designed for creating album pages, but Milt promotes the use of free software.

Milt uses the starter edition of program SerifDraw Plus to create his album pages. The program allows you to draw borders and text, as well as boxes to outline each stamp or cover. You can center the boxes and text horizontally or vertically to create a nice looking page.

Milt described the mechanics of creating a page including the effort required to measure the stamps and covers. This helps in the creation of the correct size boxes. Another important step is creating a layout for the page that makes a pleasing presentation. Below is a cropped album page example of Milt's work.



We thank Milt for taking the time to show us this technique. He offered his help to anyone who wants to give it a try. We plan to add a special award category of "Best Self Made Album Page" at the HTPS August HAMPEX '16 exhibition.

New Member . . . Welcome to **Richard Daoust as the newest HTPS member. Rich collects various topical stamps and covers including insects, mushrooms, medical pioneers and presidents.**

The objective of our Newsletter is to promote philately, educate and inform our members and to encourage other like-minded individuals to join the Hamilton Township Philatelic Society.

----- HTPS Officers -----

President Jeff Boyarsky
Vice President Milt Keiles
Treasurer / Publicity Ron Gonzalez
Secretary Bob Stolarz

----- HTPS Support Team -----

Advertising and PR Bill Andersen
APS Representative Dennis Kennedy
ATA Representative Len DeGroot
Historian Joe Seliga
Membership Chairman Jack Sack
Newsletter Editor Tony Zingale
NOJEX Contact Andrew Boyajian
Philatelic Donations Ken Steel
Program Coordinator Bill Andersen
Webmaster Jack Sack
50 / 50 Handlers Jim Cope, Ken Steel

----- HTPS Meeting Program -----

- ⇒ Nov. 17 - "Lundy Island Commercial Mail" by Sid Morginstin
- ⇒ Dec. 15 - Holiday Party / Show 'n Tell
- ⇒ Jan. 19 - Society Auction
- ⇒ Feb. 16 - Tom DeLuca or TBA
- ⇒ Mar. 15 - Tom DeLuca or TBA
- ⇒ Apr. 19 - "Introduction to Confederate States Postal History" by Patricia Kaufmann

We are looking for one more speaker for the 2015-2016 season. Please contact us if interested.

NEWSLETTER ARTICLES . . .

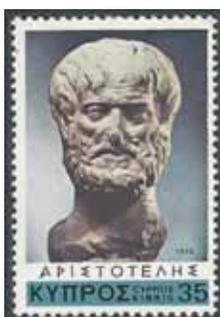
We always welcome philatelic articles, ideas or suggestions. Contact Tony Zingale at P.O. Box 3443, Mercerville, NJ 08619 . . . or call 609-586-7663 . . . or email us at hinge@HamiltonPhilatelic.org.

Chemistry – the study of matter and the changes matter undergoes – plays an important part in many fields including agriculture, engineering, medicine, nutrition, petroleum and pharmacy. Chemical research has led to the development of numerous medicines, nylon and other synthetic fibers, plant fertilizers, petroleum derivatives, synthetic rubber and plastics. The DuPont Chemical slogan – “*Better Things for Better Living through Chemistry*” – sums it up best.

So it is not surprising that there are many stamp issues related to Chemists and Chemistry – in fact, the ATA chemistry checklist has over 3000 entries! Here are some examples of Chemistry on Stamps, also known as chemophilately.

Theories of Chemistry

Greek philosophers were among the earliest to study the structure of matter. Aristotle (384-322 BC), seen here on Cyprus #505, is often credited with originating the theory of four elements – Earth, Air, Fire, and Water. However, Empedocles (495-430 BC), among others, proposed that theory almost a century earlier.



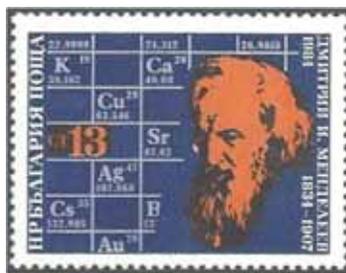
[NOTE: Scott catalog numbering used for all stamps.]



Antoine Lavoisier (1743-94), shown here on France #464, published the first modern list of the 29 elements (and their properties) known at that time. However, it took another 80 years to organize the elements.

Russian chemist Dmitri Mendeleev (1834-1907)

formulated the Periodic Law and created the Periodic Table of chemical elements in 1869 that became the foundation of modern chemistry. The scientist is seen below on Bulgaria #2947.



Mendeleev arranged the elements in order of increasing atomic weights and in columns by chemical properties. His work is deemed one of the most important contributions to chemistry, and he is considered one of the fathers of modern chemistry.

Element Names

More than 100 elements have now been identified and assigned a chemical symbol. This consists of one or two letters from the common or original Latin name of the element such as (H) for hydrogen, (C) for Carbon, (N) for Nitrogen, (Ca) for Calcium, (Fe) for Ferrum (the Latin word for Iron), and (Hg) for Mercury (the Latin word Hydrargyrum).

Other elements are named after the mythological gods such as Palladium (Pd) for Pallas and Thorium (Th) for the Scandinavian god of war, Thor.

Elements are also named for famous scientists such as Curium (Cm) for Marie Curie (shown at right on Poland #1518); Einsteinium (Es) for Einstein; and Fermium (Fm) for Fermi.



Sometimes names were given by the geographical location related to their discovery such as Americium (Am) for America; Francium (Fr) for France; Germanium (Ge) for Germany; Hafnium (Hf) for the old name for Copenhagen; and Polonium (Po) for Poland.

Chemistry Branches

Chemistry is generally divided into six groups: Biochemistry, Inorganic, Organic, Physical, Analytical and Medicinal.

Biochemistry is the study of chemistry applied to plants and animals. All the reactions that occur in your body are governed by chemistry – from the conversion of food into energy to the replication of your genetic material (DNA). Japan #927 (above) shows a bacterial protein model and the Gerty Cori stamp (US #4224) shows the (incorrect) structure of the energy storage sugar, glucose.

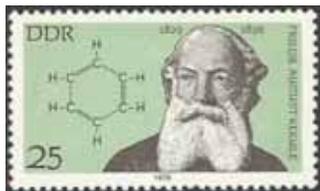


Inorganic Chemistry is the study of all elements, metals, and minerals that do not contain the element Carbon (C). The stamp at the right, Mexico #1173, shows the symbols of some inorganic substances exported from Mexico including Silver (Ag), Lead (Pb), Zinc (Zn), Calcium Fluoride (CaF₂) and Sodium Chloride (NaCl) that we know as common table salt.



(continued on next page)

Organic Chemistry involves carbon and carbon compounds. The element Carbon is found in nature as coal. Examples of carbon compounds include plant and animal tissue, sugar, carbohydrates, proteins, plastics, petroleum products and rubber.



Identifying the molecular structure of organic compounds revolutionized organic chemistry. The structure of benzene, a component of gasoline and other petroleum products, was discovered by Friedrich Kekule (1820-1896) shown above on GDR #1997.

The structure of aniline, another organic compound, was developed by Nicolai Zinin (1812-1880) depicted on Russia #2618. Aniline is used in the production of inks and many products useful in the drug and pharmaceutical industry. Aniline inks were also used in printing postage stamps. Zinin was the teacher of a young chemist named Alfred Nobel.



Physical Chemistry applies physics to the study of chemistry. For example, it is used to predict how much energy is produced by a chemical reaction. Several stamps were issued by Sweden showing atomic models developed by European physicists such as Werner Heisenberg. His



model is shown on Sweden's #1429 stamp issue.

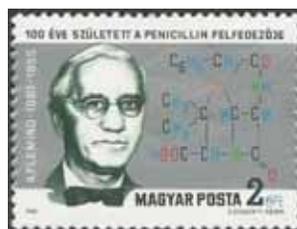
Analytical Chemistry is the study of the properties of chemicals, such as what elements are present in a sample. One of the methods analytical chemists use is **spectrometry** or spectroscopy to study how a chemical product disperses. Christmas Island #97 shows a spectrometer used for those tests.



Scientists also use **chromatography** to separate a chemical sample into its constituent components. This is useful in determining the purity of a sample. GB #808 shows a chromatographic analysis (chromatogram) where each colored stain represents a constituent component present in the sample tested.

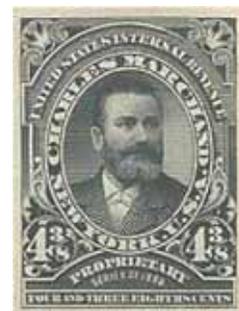


Medicinal Chemistry is the discipline involved in the design of new medicines and the improvement of existing ones. Many stamps have been issued to honor famous medicinal chemists. Monaco #2444 shows Daniel Bovet (1907-1992) who developed anti-histamines used to treat allergic reactions.



Hungary #2699 was issued to commemorate Sir Alexander Fleming (1881-1955) and the discovery of Penicillin for which he was awarded the 1945 Nobel Prize in Medicine.

The United States has produced a number of stamps that depict chemists and chemistry. An unusual group is the **Private Die Proprietary Medicine** stamps (RS# Series) which depict little known chemists. The example at the right (US #RS295) shows chemist Charles Marchand who is famous for developing a stable form of hydrogen peroxide for use in hair coloring.



We finish up with a beautiful example of an engraved Proprietary Medicine issue – US #RS212.



Joseph H. Schenck introduced his Mandrake Pills in 1836 to help people ". . . keep their insides clean, as nature intended . . ." The stamp design also advertises Pulmonic Syrup (a treatment for consumption) and Sea-Weed Tonic (for dyspepsia).

This article touched on selected topics and fields of chemistry and was written to demonstrate the various facets of chemistry and the many contributions made by chemistry to improve our standard of living.

For a chemist like me, collecting chemistry on stamps is an ideal way of combining my occupational knowledge with my enjoyment of stamp collecting.

Editor's Note: This article is a rewrite of a previous piece on the same topic published in Topical Times in 2005 (Volume 56, pages 26-31).

UPCOMING EVENTS

November 2015 . . .

- 11/1 → Garden State Stamp, Coin & Currency Show – P.A.L. Building – 33 Baldwin Rd – Parsippany, NJ – 9 AM to 4 PM – www.gscsshow.com.
- 11/5 → Merchantville Stamp Club Meeting – Temple Lutheran Church – 5600 Route 130 North (Merchantville Ave) – Pennsauken, NJ – Opens at 7 PM – merchantvillestampclub.org.
- 11/7 → MSC Stamp Bourse – Temple Lutheran Church – 5600 Route 130 North (at Merchantville Avenue) – Pennsauken, NJ – 9 AM to 4 PM – merchantvillestampclub.org.
- 11/14 → 2nd Saturday Bourse – Bordentown Senior Center – 3 Municipal Drive – Bordentown, NJ – 8:30 AM to 3:00 PM – 215-287-9327 – hamiltonphilatelic.org/bordentown.
- 11/15 → Wayne Stamp & Collectibles Bourse – Fire Company #1 – 93 Parrish Drive – Wayne, NJ – 9 AM to 4 PM.
- 11/15 → Old Bridge Coin & Stamp Show – First Aid and Rescue Squad Building – 200 Marlboro Road – Old Bridge, NJ – 8 AM to 1 PM – 732-740-4604.
- 11/17 → HTPS MEETING – Hamilton Township Public Library – Hamilton, NJ – 7:15 PM – *Lundy Island Commercial Mail* presentation.**
- 11/18 → Merchantville Stamp Club Meeting – Temple Lutheran Church – see 11/5 meeting for details.
- 11/22 → Tri-State Coin & Stamp Show (4th Sunday) – Williamson's Restaurant – 500 Blair Mill Rd – Horsham, PA – 10 AM to 4 PM – 305-852-7678.

December 2015 . . .

- 12/3 → Merchantville Stamp Club Meeting – Temple Lutheran Church – 5600 Route 130 North (Merchantville Ave) – Pennsauken, NJ – Opens at 7 PM – merchantvillestampclub.org.
- 12/5 → MSC Stamp Bourse – Temple Lutheran Church – 5600 Route 130 North (at Merchantville Avenue) – Pennsauken, NJ – 9 AM to 4 PM – merchantvillestampclub.org.
LAST SHOW AT THIS LOCATION !!!
- 12/6 → Garden State Stamp, Coin & Currency Show – P.A.L. Building – 33 Baldwin Rd – Parsippany, NJ – 9 AM to 4 PM – 973-335-0555.

12/15 → HTPS MEETING – Hamilton Township Public Library – Hamilton, NJ – 7:15 PM – Holiday Party and Show 'n Tell.

12/16 → Merchantville Stamp Club Meeting – Temple Lutheran Church – see 12/3 meeting for details.

12/19 → 2nd Saturday Bourse – Bordentown Senior Center – 3 Municipal Drive – Bordentown, NJ – 8:30 AM to 3:00 PM – 215-287-9327 – hamiltonphilatelic.org/bordentown.
NOTE . . . 3rd Saturday !!!

12/20 → Wayne Stamp & Collectibles Bourse – Fire Company #1 – 93 Parrish Drive – Wayne, NJ – 9 AM to 4 PM.

12/20 → Old Bridge Coin & Stamp Show – First Aid and Rescue Squad Building – 200 Marlboro Road – Old Bridge, NJ – 8 AM to 1 PM – 732-740-4604.

12/27 → Tri-State Coin & Stamp Show (4th Sunday) –
NO SHOW THIS MONTH !!!

January 2016 . . .

1/2 → MSC Stamp Bourse – Temple Lutheran Church –
NO SHOW THIS MONTH !!!

1/3 → Garden State Stamp, Coin & Currency Show – P.A.L. Building – 33 Baldwin Rd – Parsippany, NJ – 9 AM to 4 PM – www.gscsshow.com.

1/7 → Merchantville Stamp Club Meeting – Temple Lutheran Church – 5600 Route 130 North (Merchantville Ave) – Pennsauken, NJ – Opens at 7 PM – merchantvillestampclub.org.

1/7-9 → Garden State Stamp & Cover Show – Bethwood Manor – 38 Lackawanna Avenue – Totowa, NJ – Thurs. 10 AM to 6 PM – Fri. 10 AM to 5 PM – Sat. 10 AM to 3 PM – tjacks@verizon.net. * **NOTE: Thurs. to Sat. ***

NOTE: For additional and updated information, see www.stampshows.com, www.stamps.org and www.postal-history.com/showpage.html.

HTPS Meetings . . .

Meetings are held on the 3rd Tuesday of each month starting at 7:15pm at the Hamilton Township Library, 1 Justice Samuel A. Alito, Jr. Way, off Whitehorse Mercerville Road, Hamilton, NJ (Mercer County).