



THE DISPATCH

March 2022, Vol. 61, Issue 3

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A NOTE FROM THE EDITOR

Welcome to the March issue of the *Dispatch*. It's a little smaller than February's 57 pages, but it still has some great content. This month we bring you the third and final installment of Rick Sanders' *Flats for Medieval 'Russian' Battles*. Mike Thomas reviews another great bust from Young Miniatures. Robin Howard gives us a little British history in his "Dispatches from Across the Pond" and lastly we give a short synopsis of Bob Prokop's meeting demonstration on 3D printing.

Our next monthly club meeting is this coming

Wednesday, April 27. We will have show reports from the Atlanta AMFS, Richmond ODO and NOVA shows. We are always looking for a presentation and/or someone to share their techniques as well, don't be shy. We will be at our usual location at Thomas Edison High School, 5801 Franconia Rd., Alexandria, VA 22310, Room E-112 (across from the Cafeteria). The meeting officially starts at 7:30pm.

Also, the NCMSS has reserved a block of rooms at the Hilton at a special rate the weekend of the show. Room rates are: \$99.00/109.00 +

13% Tax | Standard King & Standard Queen). Offer ends 08/30/22. To book your rooms click the link below (or call) and use the code NC1001.

[Hilton Reservations](#)

Thanks & Happy Modeling!



David Hoffman
NCMSS Adjutant & Dispatch Editor

MEETING NOTICE

Every Fourth Wednesday
April 27, 2022
7:30-10:00 PM

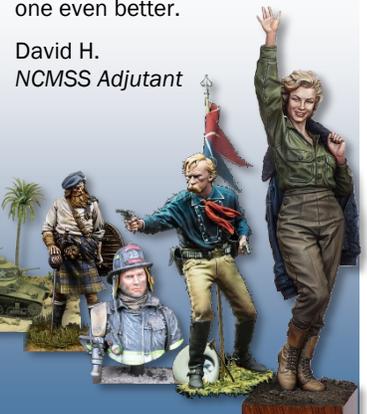
Thomas Edison High School
5801 Franconia Road
Alexandria, VA
Room E-112

Mark Your Calendar!

Work on the 2022 NCMSS 61st Annual Show is ramping up! The interest in this year's event has been great. We'll keep everyone posted on upcoming Zoom and in-person meetings.

We appreciated everyone who pitched in and made the last show happen. With your help we can make our next one even better.

David H.
NCMSS Adjutant



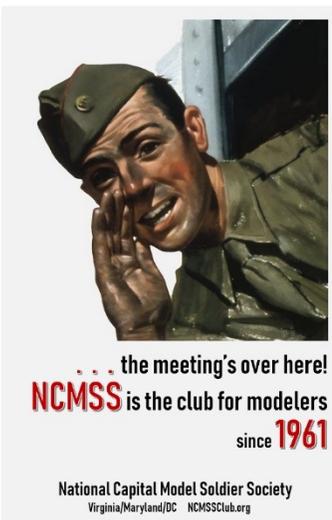


March MOTM

“Mug-of-the-Month”



Jim Richie
Yi Sun-Sin



CLUB NEWS

MEETING MINUTES — March 23, 2022

Call to Order & Club Business [19:40-20:10]

Dave officially started the meeting.

- 1.) Updated club on current status and Washington Show dates, changes (see below).
- 2.) Recapped club news from past meetings, both on Zoom and in-person.
- 3.) Darci mentioned we have had quite a few new members in the last couple of months.
- 4.) Discussed ideas for the show and that everyone can come to our future online planning meetings, will need “all hands on deck” for this years show.
- 5.) Bob brought up the idea of doing a Show Figure produced by and sold by the club for the competition. We could either

buy some or Bob could 3D print them by demand. Subject and scale could be anything. More to follow at April meeting.

Parade Ground [20:10-20:45]

As usual, a great Parade Ground! One topic was the effect the Ukraine War is having on the hobby, as many first rate companies are in both Ukraine and Russia.

Presentation [20:45-21:30]

Bob Prokop gave an outstanding demonstration on 3D Printing, “from soup to nuts”. See article below.

Meeting Adjourned [21:40]



Attendees

Jim Richey, David Hoffman, Darci Hoffman, Michael Dutcher, Luis Fernando Andres, Zach Becker, Scott Sheltz, Greg Paspatis, Bob Prokop

TIPS OF THE MONTH



Tangible Day

A Blog for Miniature Painters and Hobbyists

This month’s tips come from Tangible Day (a blog for miniature painters and hobbyists). Click the link to see the full list of [30 Miniature and Model Assembly Tips for Hobbyists](#).

#7 Consider Wearing a Respirator

“I’m a bit skeptical when it comes to how dangerous dust from sanded plastic, resin, and metal parts is. Then, again I don’t do a lot of sanding with power tools. But, I do agree it is “better to be safe than sorry”. In this case, you should wear a filtered respirator to protect your lungs and airways from foreign contaminants. For those spraying aerosols or airbrushing, you could also consider a hobby spray booth.

Even if the lethality and toxicity of sanded resin or plastic is minimal or non-existent, the dust can exacerbate pre-existing problems such as asthma or allergies. In other words, wear a respirator for a more comfortable and pleasant hobby experience when you’re assembling models and sanding them (either with manual sand paper or power tools).”

#16 Wet Sand for Best Results

“When you sand anything, those tiny particles that come off parts clog the sand paper (or metal file). To prevent that from happening, keep your sand paper or file wet. I use a water spray bottle, or simply dip my working surface into a pot of clean water. This keeps your tools from clogging up, which increases working efficiency and overall pleasantness, and also produces a better sanding result, e.g., parts come out cleaner and more evenly smooth.”





National Capital Model Soldier Society

Member benefits include:

- * Friendly monthly meetings where we share our knowledge of history, painting, and modeling techniques
- * Monthly guest speakers
- * Monthly *Dispatch* newsletter
- * The NCMSS Washington Show
- * Affordable dues

What are you waiting for?

Welcome to the club!



EVENTS AND PLACES



GEORGE WASHINGTON'S MOUNT VERNON

April 30—May 1

9:00 am—5:00 pm

3200 Mt. Vernon Memorial Highway, Mount Vernon, VA

Witness Military Drills & More

Mount Vernon's serene 12-Acre Field transforms into a battleground as Continentals, Redcoats, and Hessians conduct military drills, perform cavalry demonstrations, and engage in 18th-century tacticals.

Meet the soldiers who are encamped at Mount Vernon, discuss military techniques, and greet General Washington



See Washington's Field Headquarters

Walk through the Museum of the American Revolution's replica of General Washington's War Tent, which served as the marquee—or office and sleeping quarters—that he used as the command center of the Continental Army.

Staff from the Museum of the American Revolution will be onsite to discuss the tent and answer questions.

Visit With Camp Followers

During the Revolutionary War, camp followers — mostly women and children — traveled with the army, either because of their relationship to a soldier in the army, or

displacement because of the war.

Like the men enlisted in the army, the camp followers were often "on the strength" of the army and were issued wages and rations for their work. Camp followers supported the army in a variety of ways, including as washerwomen, seamstresses, nurses, and petty sutlers selling their wares to the soldiers. Tour the 18th-century military encampments and see the camp followers go about their daily lives following the army.



[Click HERE for Tickets & Schedule of Events \(Free to Members!\)](#)



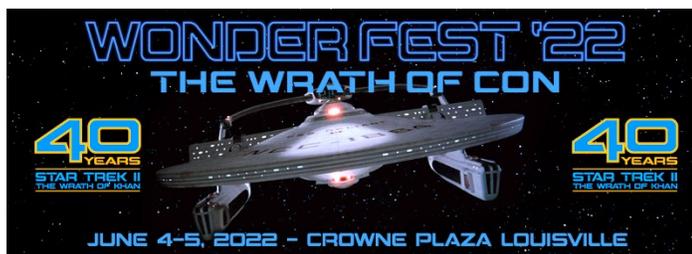
Miniature Figure Collectors of America

79th Annual Show & Mart

May 13th and 14th

**Radisson Hotel Philadelphia East
2400 Old Lincoln Highway, Trevose, PA 19053
215-638-8300**

EVENTS AND PLACES (Continued...)



Wonder Fest 2022

The Wrath of Con
Crown Plaza, Louisville, KY
Sat/Sun June 4 - 5

The Amazing Model Contest
 Greatest in the World for Imaginative Modelers

The Wonder Fest "Amazing" Model Contest is focused on all types of science-fiction, horror and comics models. It's the biggest contest of its type in America, and it's fun to look at even if you don't build models yourself!

The contest is sponsored by Amazing Figure Modeler magazine, which is providing a special \$300 award for the Most Amazing Figure!

Entry Hours: Saturday, June 4th, from 8 a.m. 'til Noon

\$10.00 per first 2 models for adults, up to 8 additional entries free
 \$8.00 per first 2 models for teens, up to 8 add'l entries free (ages 13-19)
 Free for ages 12 & under
 With over 780 entries in 2021, it took up the entire ballroom and featured some of the best modeling we've ever seen.



Listening to Paint Dry with Mike & Dan Podcast



[Episode 45: A Quick Trip to Sweden With Roglan Studios](#)

"Today Dan and I are thrilled to welcome Robert Karlsson from Rogland Studio to the show. Thank you so much Robert for sharing your hobby journey with us. We definitely learned a lot from you. You can Rogland Studio on Facebook

<https://www.facebook.com/RoglandPaintingArtist/>."



Follow us on: [Instagram](#), [Facebook](#), [Youtube](#), and [Twitter](#)
 Drop us an email at: listeningtopaintdry@gmail.com

"The journey to becoming a Better, Braver, Happier Painter is a gift. Enjoy unwrapping it every day. Until next time." —Mike D.

79th Annual Show & Mart
 May 13th & 14th, 2022
 Radisson Hotel Philadelphia East
 2400 Old Lincoln Highway, Trevose PA 19053 • 215-638-8300
 Visit us on Facebook or our website for show updates
www.MFCaClub.com



HOBBY CALENDAR 2022

- MAY**
 - May 13-14 — [MFCa 79th Annual Show & Mart](#), MFCa, Trevose, PA
 - May 14 — [Mid-Atlantic NNL](#), Maryland Automotive Modelers Assoc, Havre de Grace, MD
- JUN**
 - Jun 4-5 — [Wonderfest '22](#), Crown Plaza, Louisville, KY
 - Jun 18-19 — [Museum of the American Revolution Exhibit](#), MotAR, Philadelphia, PA
- JUL**
 - Jul 1-3 — [World Model Expo 2022](#), Veldhoven, The Netherlands
 - Jul 20-23 — [2022 IPMS/USA National Convention](#), La Vista, Nebraska
- AUG**
 - Aug 31 - Sept 4 — [NOVA Open](#), Arlington, VA
- SEP**
 - Sept 23 - 24 — [Barrage 2022](#), Harford Area Weekly Kriegspielers, Havre de Grace, MD
- OCT**
 - Oct 1 — [NCMSS 61st Annual Washington Show](#), Springfield, VA

If you know of any upcoming events that you would like people to know about, please contact Adjutant David Hoffman at bpchasseur@comcast.net and we'll add the date to our calendar.



The Art of Miniatures
 The Artist Preservation Group
 presents
 "The Revolution in Miniature."
 Hosted by
 The Museum of the American Revolution
 June 18 & 19, 2022

A joint program by the Museum of the American Revolution and the Artist Preservation Group
 An exhibit of miniature figures and toy soldiers from American history
 Advance registration only — no fee to exhibit
 Vendors and Awards

Painting Class by Scale 75 and Julio Cabos — June 16-17
 For information and registration visit:
artispreservat.org/miniatures

☆☆☆ PARADE GROUND ☆☆☆



March “Mug-of-the-Month”

WINNER

March 23, 2022
Parade Ground Participants

- Greg Paspatis*
- Jim Richey*
- Darci Hoffman*
- Scott Sheltz*
- Zacharia Becker*
- Mike Dutcher*
- Luis Fernando Andres*
- David Hoffman*



Jim Richey
Yi Sun-Sin

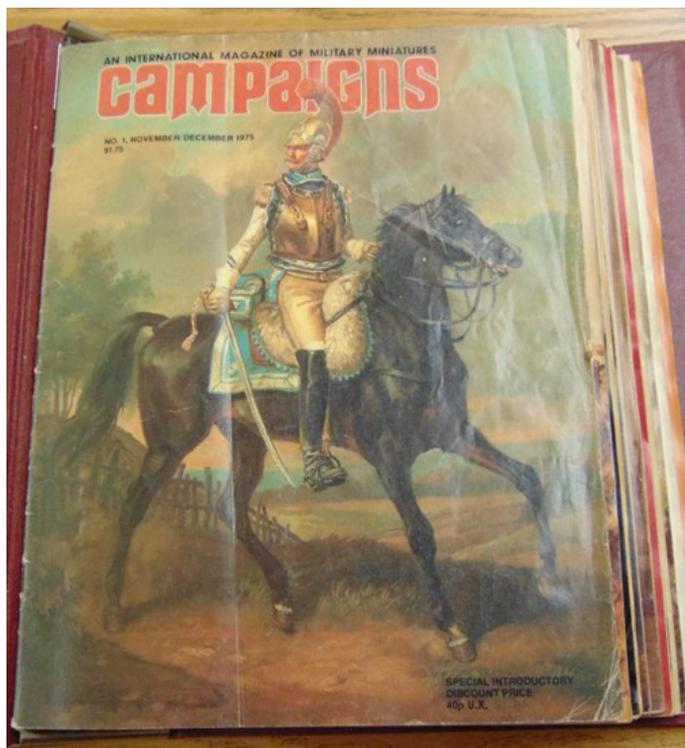
GREG PASPATIS

Greg likes to bring in subjects pertinent to the date. This is a Hitler Jugend circa 1945 figure he had done about 15 years ago and bought at the Squadron Hobby shop. This is a Valiant figure in 54m. Greg talked about the Bridge of Remagen battle on March 7, 1945 and we discussed the battle, the movie and the book the movie was based on, written by a local Virginia Congressman in the 1950s (Tim Heckler).



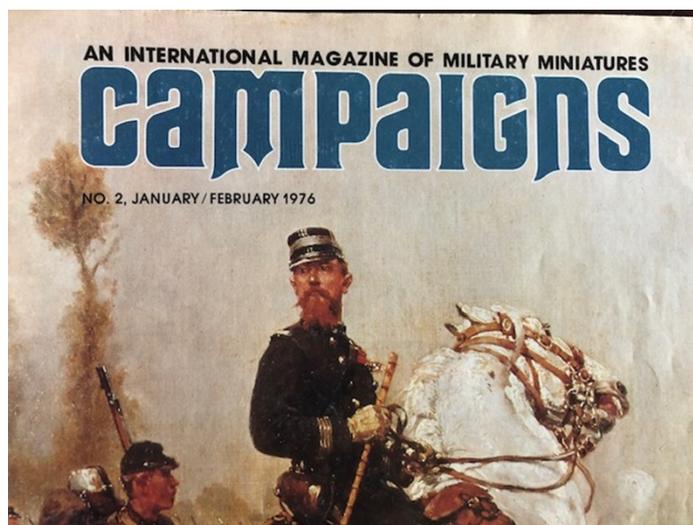
☆☆☆ PARADE GROUND ☆☆☆

JIM RICHEY



Jim brought a volume of his Campaigns magazine collection, this one has the first 12 issues of the magazine from the 70s and 80s. He has four more volumes at home. In many ways this is an iconic magazine for the hobby, featuring many of the great figure artists and illustrators of the time. There have great in-depth history and they have uniform articles in every issue as well.

After our later on-line Zoom meeting, member Gerry Joria pointed out that the 1976 Chicago Show was covered in the second issue and included a photo of his vignette, Vietnam era M-113 (below).



☆☆☆ PARADE GROUND ☆☆☆

JIM RICHEY (CONTINUED)



Jim purchased this at our September Show, a 1/10 scale bust of Yi Sun-Sin from Nuts Planet. As usual, done in acrylics with multiple thin layers of gold. Jim used Andrea Black ink on the helmet. This great bust garnered Jim the "Mug of the Month Award for March.

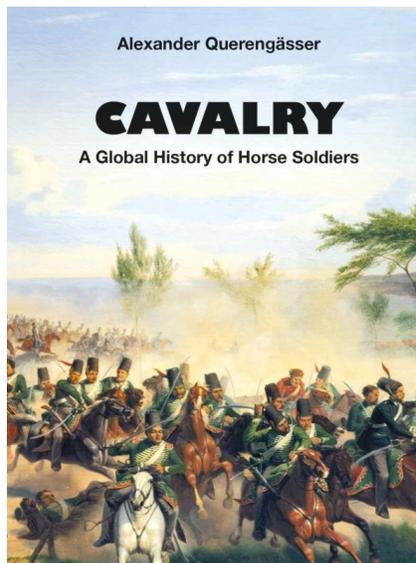


☆☆☆ PARADE GROUND ☆☆☆

DARCI HOFFMAN/RICK SANDERS

Darci brought in a copy of *Cavalry: A Global History of Horse Soldiers* by Alexander Querengässer. Our own Rick Sanders translated this from the original German. Rick also edited the book with a little help from Darci. Both were graciously mentioned in the acknowledgements. We reviewed the book in last month's issue of *The Dispatch*.

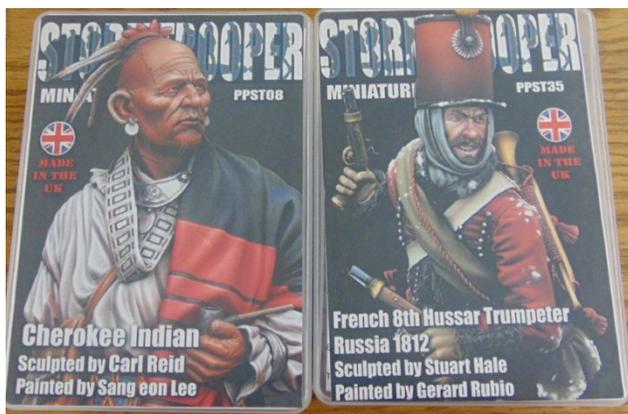
Darci also brought in a copy of our 61st Annual Washington Show flyer that she had created using some figures from our members. You can download a [copy of the flyer on our website](#).



SCOTT SHELTZ

Scott brought in some recent acquisitions, to include two kits from Stormtroopers, one sculpted by the prolific Carl Reid and the other by the company's owner, Stuart Reid. They have always produced high-quality work. He also showed an Alpine Miniatures figure sculpted by the great John Rosengrant, along with a bust by Medieval Forge of a French Infantryman from the tragic crossing of the Berezina at the end of the Russian Campaign. There are two other busts in the series, one of a French Hussar and one of a Russian Hussar. Since this is from a Russian Company, after the meeting I bought the last one that Sabot Miniatures had in stock.

In light of events in Ukraine, club members discussed the many miniature companies that have been impacted in both Russia and Ukraine, to include Masterbox, Miniart, ICM, and Medieval forge, just to name a few.



☆☆☆ PARADE GROUND ☆☆☆

ZACHARIA BECKER

Zach showed an Eastern Woodlands Indian from 1750 he had recently completed after starting and putting on the shelf 15 years ago. He removed the old paint and repainted using acrylics, ink and a nonmetallic metal technique. The base was complemented by paper leaves to reflect Autumn.



MICHAEL DUTCHER



Work in progress from Mike. The figure is from Ritual Casting Miniatures. It's approximately 120mm in size. Mike says the company has a Patreon page and they produce a monthly figure that can be purchased through Etsy.

Although difficult to see in the photo, the armor on the figure has a lot of fine engraving detail that Mike accentuated with a light dry brushing technique.

Mike says Ritual Casting has some great figures and you can find them online [here](#).

☆☆☆ PARADE GROUND ☆☆☆

LUIS FERNANDO ANDRES



Luis, our 28mm expert, brought in these three Spanish Generals that were converted from some French figures from Perry miniatures, as the uniforms were not dissimilar. A lot of fine detail well executed in such a small scale. He did some “plastic surgery” on one face after an inadvertent slip with a Dremel tool. Painted in acrylics.

The Battle of Bailén was fought in 1808 between the Spanish Army of Andalusia, led by Generals Francisco Castaños and Theodor von Reding, and the Imperial French Army's II corps General Pierre Dupont de l'Étang. This battle was the first open-field defeat of a Napoleonic army. A total of 17,000 men were captured, making Bailén the worst defeat suffered by the French in the entire Peninsular War.



☆☆☆ PARADE GROUND ☆☆☆

DAVID HOFFMAN



"Comrade in Arms", French Infantry in Canada 1760. Nuts Planet figure in 75mm. Beautifully sculpted and a great casting, if a bit delicate. I broke a couple pieces along the way.

I am a usually "wet on wet" oil painter, but I enjoyed painting this with my newly acquired Scale Color Artist tube acrylics using a wet palette. Fun trying new techniques and I like the vibrancy and consistency of these painted over my Vallejo base-coat. Flesh tones and leather were in oils, used GS Metallics, and applied some oil glazes/washes elsewhere. Loved painting the Lab Huskey too!



DISPATCHES FROM ACROSS THE POND

Courtesy of Robin J. Howard

Robin Recommends...

Look out for *Trooping the Colour* on BBC in June 2022 for the Queen's Birthday. This, as before, is the BBC at its best. The commentary is informative and respectful, usually by Richard Sturden. He explains what is happening, which piece of music is being played, who the main people—Guardsmen—are.

There is a maneuver called "the Spin Wheel" in which a marching change direction looks confusing, but the band knows exactly what they are doing.

The Queen usually travels in an open horse-drawn carriage (which no US president would do). At one time she rode her horse Burmese (1962-1990) sitting side-saddle at the head of the parade. This apparently is very difficult to do!

Click the picture to watch last year's "[Trouping the Colour 2021](#)" from the BBC.



[The Queen's Guards: A Year in Service, Episode 1 Drums and Guns](#)

Cameras follow the oldest regiment in the British Army, The Coldstream Guards—the Queen's Guards—from raw recruits to high-ranking officers. In the first episode the Guards in Windsor at Battalion HQ are preparing for the most important inspection of the year. In Catterick, aspiring Guardsmen struggle to master the art of drill and marching—with standards excruciatingly high. (2022 documentary, 5 episodes)

[The Queen's Guards: A Year in Service, Episode 2 A State Funeral](#)

[The Queen's Guards: A Year in Service, Episode 3 Officers and Men](#)

[The Queen's Guards: A Year in Service, Episode 4 First Time for Everything](#)

[The Queen's Guards: A Year in Service, Episode 5 Leading From the Front](#)

Scottish Daily Mail

QUESTION Did half-sisters Elizabeth and Mary Tudor have a good relationship?

Families are complex at the best of times, but surely few can compare with the Tudors.

Mary was 17 years her half-sister's senior. Born in 1516, for the early part of her life she was described as 'the pearl' of her father Henry VIII's kingdom. Her world imploded when he divorced her beloved mother Catherine of Aragon and separated from the Roman Catholic Church in order to marry Anne Boleyn.

On the birth of Elizabeth, Mary's status was radically altered. Her rank was downgraded from princess to merely 'the Lady Mary, the King's daughter' and her household was disbanded.

Aged three months, Elizabeth was sent to live in Hatfield House under the charge of Anne's uncle and aunt, sir John and Lady Shelton. Mary's humiliation was complete when she was sent to be the infant's lady-in-waiting. When she arrived, she was asked if she wished to pay her respects to Princess Elizabeth. She replied that she 'knew of no other princess in England but herself; that the daughter of Madame de Pembroke was no princess at all'.

Despite this, reports suggest she acted in a maternal fashion towards her sister, saving her ire for Anne Boleyn, whom she loathed and refused to recognise as Queen.

At Hatfield, Mary was subjected to petty restrictions and bullying. Her jewels were confiscated and she was not permitted to walk in the gardens, attend the parish church or the public gallery of the house lest she attract public support. This oppressive atmosphere took its toll on her health and she remained of a delicate constitution, prone to stress-related illnesses, for the rest of her life.



Royal Sisters: Mary (left) and Elizabeth

The ultimate sibling rivals

Following the execution of Anne in 1537 and the birth of their half-brother Edward the following year, Mary and Elizabeth were restored to the succession. They occasionally met at court and Mary is said to have acted cordially towards her half-sister. However, following the death of Edward VI in 1553 and the plot to put Lady Jane Grey on the throne, Elizabeth's position became precarious. Mary was proclaimed Queen on July 19. On July 31, Elizabeth rode out of London to escort her into the city. In the euphoria of becoming Queen, Mary greeted her younger sister with great affection and, on August 3, when Mary rode in state, Elizabeth was immediately behind her. This warm state of affairs cooled rapidly and Mary spread rumours that Elizabeth did not resemble Henry VIII, but the musician Mark Smeaton — 'a very handsome man', but also the lowest status of the five executed as Anne Boleyn's lovers.

The sisters' relationship reached its nadir in 1554 when Mary crushed a Protestant rebellion led by sir Thomas Wyatt in the name of Elizabeth. The young Princess was taken to the Tower of London suspected of treason. Her life was on a knife-edge, but the clever Elizabeth survived interrogation.

Following a phantom pregnancy, on November 6, 1558, the weak and ill Mary officially recognised Elizabeth as her heir. On November 17, Mary died, aged 42, and 25-year-old Elizabeth succeeded to the throne.

—Alison Thatcher, Kidlington, Oxon, 16 September 2020

WORTHY READS

FROM THE HOFFMAN FAMILY LIBRARY

Waterloo: Napoleon's Last Army — The Art of Keith Rocco

by Keith Rocco with research & text by Paul Lindsay Dawson, 176 pp, Lombardy Studios, Oakland, California, 2021

The NCMSS *Dispatch* is pleased to review the latest book by artist Keith Rocco. *Waterloo: Napoleon's Last Army* is a beautifully crafted example of what it means to "Honor History Through Art."

Rocco needs no introduction in the figure painting world. His attendance at and support of many national figure shows is one of the highlights of our hobby. He is also a member and ardent supporter of the Artist Preservation Group. Rocco is justly renowned for putting historically accurate soldiers of the past on canvas.

From the Kickstarter Campaign

20+ years of research in French army archives by historian Paul Lindsay Dawson. 10+ years of artistic renderings by Keith Rocco. This is the most accurate collection of images to date of the French army as it appeared at Waterloo.

The book includes:

- 64 original paintings portraying many of the French

Armée du nord units at Waterloo

- Plus 4 large horizontal battle paintings on 2-page chapter title spreads
- 150+ photographs of historical artifacts from the holdings of three museums and seven private collections.
- 176 large, oversize pages 9-3/8" by 13-1/2"
- Fine high-grade, art quality paper
- Full color throughout
- Illustrated Uniform Glossary in French and English
- Index of units and officers that are portrayed in the book's paintings
- 2 editions are available:
 - * **GRENADIER** – Standard hard cover edition with dust jacket (jacket illustration shown above).
 - * **OLD GUARD** – Collector's luxury edition has leather cover with foil stamped Smyth binding, raised hubs on spine, gilded edges, ribbon marker, PLUS bookplate signed by Keith Rocco.

Below is just one of the 150+ photos of original shakos, helmets, clothing and equipment presented in this book.

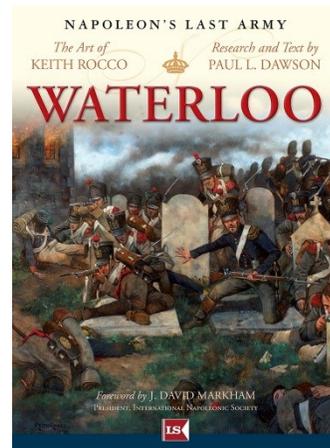
For more information on



Driver of the Equipment Train of the Line – just one of several logistics units in the book



Rare surviving coat or habit-veste of a voltigeur of the 25th Line Infantry Regiment.



the book you can visit the Lombardy Studios webpage at LombardyStudios.com.

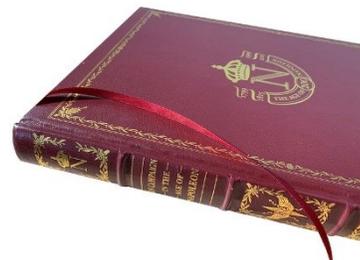
First Impressions

This book is a must-have for your Napoleonic library. It wasn't difficult to justify the added cost of getting the Old Guard luxury collector's edition to the spouse. (Thanks Darci!) The included four-page insert *French Napoleonic Uniforms: Cloth and Dyes* by Paul L. Dawson was worth the added cost alone. Not to mention the classy leather binding. It looks good on the shelf.

Like all of Rocco's work, the attention to historical detail in his paintings helps this miniaturist in my painting of Napoleonic subjects.

His other books in the same format, both Napoleonic and American Civil War are also worth the investment.

I highly recommend adding this book to your collection! —DH



OLD GUARD luxury collector's edition will have leather binding like Rocco's previous art book ON CAMPAIGN (2006)



Painted by Peter De Hann from Nederland



Preserving the Past for the Future



"The Artist Preservation Group is a gathering of like-minded historical artists whose mission is to...aid in the preservation and restoration of threatened historical sites and/or artifacts."

For more information visit

ARTIST PRESERVATION GROUP



KIT INSPECTION

by Dr. Mike Thomas



New Release!



**The Lost Battalion
History in Miniatures**



Vexillarius

Manufacturer: Young Miniatures
Order code: YE1863
Scale/Size: 1/10th
Material: Resin
Designer: Young B. Song

Another 'tour de force' of a Roman subject from Young Song – this being one of the standard bearers, namely a vexillarius. Each century would have had one of these, and there would therefore have been 59 in all in each legion (the 1st cohort had only five 'centuries', but these were of double strength.) In addition to carrying the standard (the vexillum), these junior officers would also be the unit 'bankers' and would be responsible for keeping the soldiers' money that they didn't immediately spend. They therefore had to be able to both read and write, not to mention being trustworthy!

This resin kit is in the by now familiar 1/10th scale and is cast in an off-white material. There are numerous parts in the kit and, as is often the case, some care needs to be taken with the assembly sequence. For ex-

ample, the hood of the cloak comes in two pieces. These cannot be assembled and then added to the figure before painting, because the head is too large to fit in the resulting front opening. The head and helmet must be painted first (minus the cheek-guards). Only then can these latter be added, and the two halves of the hood can then be glued into position.

Similarly, the standard needs to be assembled with various bits and pieces – but not added to the figure. It needs to be painted separately because otherwise it is too unwieldy an object to be able to paint all the detail thereon. The vexillum, by the way, does not have any decorations that apply to a particular legion – it is just plain. You, the painter, will have to research your own. The pole of the standard here is, in fact, made of wood! There is only a small area at the top of the pole where the spear point goes. I drilled mine out and inserted a short length of steel wire to secure the two components securely together.

Finally, the corner of the shield will have to be added

after the remainder of the cloak is painted. Once more, the reverse side of the shield must be treated before affixing it to the body.

While the kit parts are all cleanly cast, there are some casting lugs that must be removed. Those on the cheek-guards, for example, will need to be treated with some care, lest they break. I would recommend that the waste resin be filed away, not cut, to make sure that there are no accidents. Fit of the parts is generally very good, the only exception being the two halves of the cloak hood. I found that there was a considerable gap between the two halves at the top that needed to be filled with putty and then filed smooth. Some of the fitments for the vexillum are not obvious as to where they are supposed to go – and the box-art isn't very much help, I'm afraid.

As I said at the beginning of this review, this is quite some kit. I know of no other manufacturer who has brought out a bust in this scale of this subject. The difficulties with the kit are quite minor and I would recommend it. —MT

FLATS FOR Medieval 'Russian' Battles

By Rick Sanders

PART 3 OF 3

The Evolution, the Figures, and Literature



1380 Kulikovo Field: Rus and Mongols fighting, Flats by RIM, Painted & photo by Rick Sanders



As in the late 1980s, the German private producers Krista and the late Wolfgang Wohlmann of Berlin began producing a series of Rus medieval figures, marketing them for use for the Kulikovo and Tannenberg battles.

Their figures, primarily designed by Mr. Wohlmann and engraved by G. Lecke, included four personality figures and 16 other mounted, ostensibly Rus figures, including Cossacks and eighteen foot figures (Figures 24 & 25). However, several of the foot figures are more suitable

as Lithuanians and some seem to have been copied from the RIM series.

One of the Wohlmann foot figures, Mosk 15, can be identified as coming directly from M. Gorelik's illustration in his "Kulikova Battle 1380: Russian and Golden Horde Warriors" article in the 1991 issue number 1 of *Tseykhgauz* (Arsenal) magazine (Figure 26). In the author's opinion, the artistry on many of these figures is mediocre, but all are fully suitable for use in dioramas and some work well for finer painting.

The Wohlmanns also produced a version of the Kievan "The Three Warriors" (Figure. 27) that depicts the mythical Rus knights Dobrynya Nikitich, Ilya Muromets and Alyosha Popovich for the 13th century after the 1898 "Bogatyr's" painting by Viktor Mikhaylovich Vasnetsov.



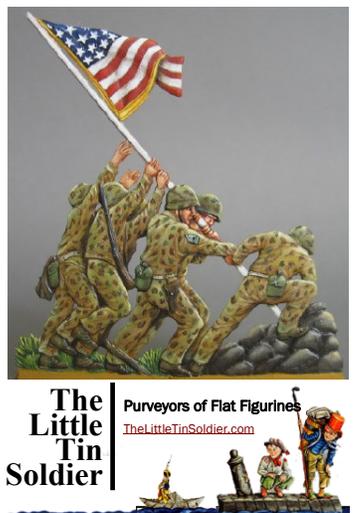
Figure 24: top row 'Russian' leadership for the 1380 Battle of Kulikovo Field, left to right: Grand Prince Dmitri Donskoi, Prince Vassili Yaroslavski, Prince Dimitri Michaelovitch Dobrack-Volyinski & Voivod Michael Brenk; 2nd & 3rd rows show the other mounted figures by W. Wohlmann, Painted & photo by Rick Sanders



Figure 26: Illustration from *Tseykhgauz* magazine issue 1, page 3, by M. Gorelik



Figure 25: 'Russian' Archers, 12th-14th C., (right to left Mosk 4, 5, 11, 15, 16 (x2) & Mosk17 (x2)) - Editor: W. Wohlmann, painted & photo by Rick Sanders



FLATS FOR Medieval 'Russian' Battles



Figure 27: "The Three Warriors" by W. Wohlmann (now Schmalkalder Zinnfiguren) & inspiration by Vasnetsov

These former Wohlmann figures are now available from Schmalkalder Zinnfiguren. This company also added two new Russian dismounted figures for Tannenberg 1410 drawn by Ulrich Lehnart and engraved by Rolf Grünewald (TAR01 & TAR02, Figure 28). (<https://www.schmalkalder-zinnfiguren.de/30-mm-flachfiguren/mittelalter/>)

The most recent medieval 'Russian', representing a warrior from the 1410 Battle of Tannenberg/ Grunwald, was engraved and edited by Wolfgang Friedrich of Rackwitz, Saxony. This artfully done flat is a mounted boyar (nobleman) (Figure 29).



Figure 28: Russian warriors for 1410 Tannenberg (TAR 01 & TAR 02 by Schmalkalder Zinnfiguren)



Figure 29: Russian boyar engraved & edited by Wolfgang Friedrich

FLATS FOR Medieval 'Russian' Battles

In closing, the collector has a number of choices for depicting "Russian" forces at the Battles of the Neva, Lake Peipus, Kulikovo Field and Tannenberg/Grunwald as well as other engagements using flats. The collector should however be careful in choosing appropriate figures for the period in question, but since armor and weapons were handed down from father to son and salvaged from battlefields, it is always possible to use figures from earlier periods with the understanding

that the warriors did not always have state-of-the-art equipment. Also, please keep in mind, that in this era, there was no "Russia" but numerous principalities like Kiev, Vladimir, Novgorod, Moscow, so the term "Russian" is problematic at best while "Rus" and "Ruthenian" may be more accurate but not well recognized or understood.

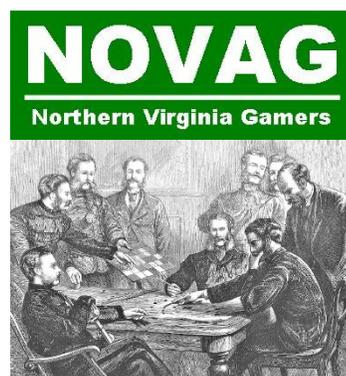
My thanks to Gianpaolo Bistulfi, Frank Dittmar (Schmalkalder Zinnfiguren), Bernd Grimm, Gernot Schlager and Henry Schmidt

for their contributions of photos for this article. My special thanks to Mr. Oleg Sokruto for use of his painted flats and background on the evolution of medieval armies, armor and weapons in what are now Russia, Ukraine and Belarus, and to Mr. John Sloan who graciously provided, information and imagery as well as from articles from his [Xenophon International Group website](http://www.xenophon-international-group.com) and personal collection.

—Rick S.

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FLATS FOR Medieval 'Russian' Battles

Addendum — Additional Flats from the RIM Catalog
Painted & photos by Oleg Sokruto

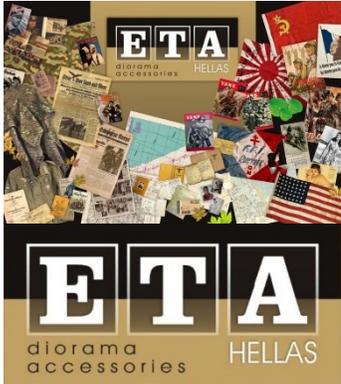


Figure 21e: Russian warrior, 13th C. (RIM 505/95)



Figure 21f: Russian warrior, 13th C. (RIM 506/95)



Figure 21g: Russian warrior, 13th C. (RIM 507/95)



Figure 21j: Russian warrior, 13th C. (RIM 5010/95)

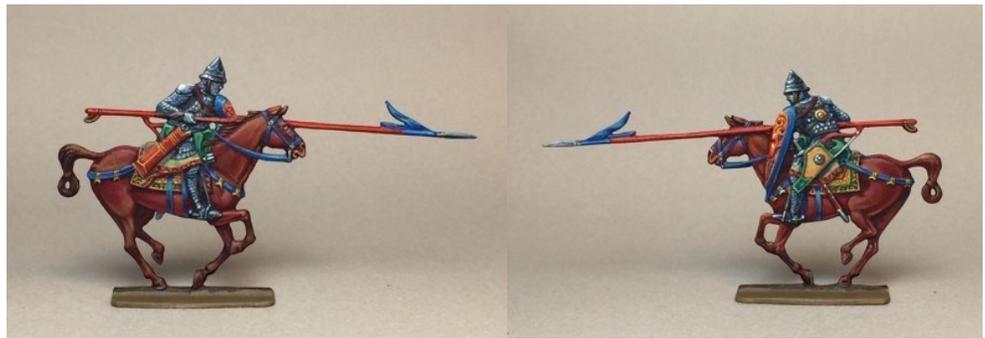


Figure 21h: Russian warrior, 13th C. (RIM 508/95)



Figure 21i: Russian warrior, 13th C. (RIM 509/95)



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Figure 21k: Russian warrior, 13th C. (RIM 5011/95)



Figure 21m: Russian warrior, 13th C. (RIM 513/95)



Figure 21l: Russian warrior, 13th C. (RIM 512/95)



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 (Russian warriors, 13-th century)

505/95 506/95 507/95

508/95 509/95

510/95 511/95

512/95 513/95

Рисовал И. Дзис
 Гравировал А. Мителев

Designer Igor Dzis
 Engraver Alexander Mitelev

Рисунки опубликованы в журнале «Цейсгауз» № 4 (1 / 1995)

Figure 21n: RIM Catalog: Russian warriors, 13th Century (RIM figures 505/95 to 513/95)
 Designed by Igor Dzis, engraved by Alexander Mitelev



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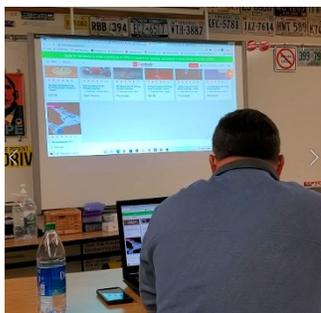
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3D

PRINTING DEMO by Bob Prokop

At our March meeting Bob Prokop gave a great demonstration on liquid resin 3D printing.

Bob uses an ELEGOO Saturn 3D Printer. He said the company just came out with a Saturn S which is a little bigger than his and has a charcoal filter to address odors associated with 3D printing.



Getting the Files

Bob visited several of the many websites where 3D model patterns are available for purchase. He recommended [Gambody](#), which he said had excellent fantasy figures such as dragons. It also has great vehicles. Another site that Bob said was much cheaper is the [3D Print Makers Club](#).

Bob took us through the process of buying and downloading a file from one of these sites. Once you have the file on your PC, you load it into a software program that you use to prepare the file for the printer. In Bob's case, he uses [Chitubox](#), a 1-year subscription of which came with his printer.

Preparing the Files for the Printer

Once you've loaded the file in Chitubox, you select your type of printer. You then put your file on a virtual plate which corresponds to the



plate of your 3D printer. You can then set the angle of how you want the file to print, the scale, the number of copies, and whether or not you want the print to be hollow. The software also allows you to add supports to the file which are critical during the printing process.

Once the file is prepared Bob transfers it to the printer via thumb drive.

How the Printer Works

Bob gave us a quick overview of how the printer works, noting that the file is printed upside down. The printer uses UV light sensitive resin in a vat with transparent film on the bottom. Once you start the printer, the plate lowers into the vat of resin. The LCD selectively masks the light from an array of UV lights from below. The resin that is hit by UV light hardens for 4 seconds and remains on the plate. The printer plate raises and then lowers again to make another pass. The process repeats until the entire file is printed.

Prepping the Print

Once the printing is fin-

ished you place the entire plate with the washer which uses denatured alcohol. After 3 to 4 minutes you remove it and let it dry. You can then take a spatula and pry your printed piece off the plate.

At this point Bob showed how he removes the supports from the printed piece. The supports are important for the piece to print correctly. If there are missing or not enough supports added during the file preparation, the printer can't complete the printing process. Some files come with supports already mapped out in the file, others don't and you have to add the supports to the file yourself.

Once the supports have been removed you place the piece in the UV dryer. If you prefer, you can also just put the piece out in the sun for 20 minutes to harden/dry the resin. Bob noted that you should keep your UV dryer away from your printer to avoid any light bleeding onto the resin in the printer tray.

Examples of what you can Print

Bob passed around a

3D PRINTING DEMO (CONTINUED)



number of examples of what he's printed, giving some tips and tricks that he's learned along the way. Jim Richey was particularly interested in the phoenix Bob brought. The model is printed in eight pieces that you have to put together.

Bob mentioned that he hasn't yet learned how to use 3D design software.

Questions

One of the audience asked about whether or not the software will give you an estimate of how much resin will be needed to print a particular file. There are various ways to calculate the amount needed, but Chitubox provides a preview of the printing process and displays the estimated build time and amount of material needed.

Another question was on the popularity of fantasy/sci-fi pieces for sale vs. historical subjects. Bob said that while fantasy is more popular you can find people willing to design files for you for a price.

Maintenance

Bob also described a little bit of what it takes to maintain the equipment. He noted that you really have to be careful with the screens which are one of the more important



parts of the printer. You need to keep the equipment clean and calibrated for best results. He noted that the process of printing can be somewhat messy (and toxic!), so you need to use gloves, a lot of paper towels, and use of a

respirator is recommended.

Another tip Bob shared was that it's best to set up your machine in a room without windows to avoid light contamination of your prints.

Wrap-up

Bob said he's very happy with his ELEGOO and that the company has good customer service. He said he's having so much fun printing that he hasn't been working much on his gray army.

Everyone appreciated the demonstration and we all enjoyed seeing the equipment up close. Please note Bob provided a lot more details about the process and the equipment than we were able to include in this write-up. Also, note that any factual errors in note-taking are no doubt by the editorial staff.

Thank you Bob for all the time and effort you put into this talk! We are inspired.

—DH



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Tournament of the Order of the Golden Fleece

by Tilo Maier



France, c. 1420

For Sale

This is a nearly complete 19 figure set of 30mm flats for the *Tournament of the Order of the Golden Fleece* by Tilo Maier. Three of the figures are already painted (both sides).

All figures are marked under their bases with the name of the knight or coat of arms needed to paint it. Assistance with heraldry is available.

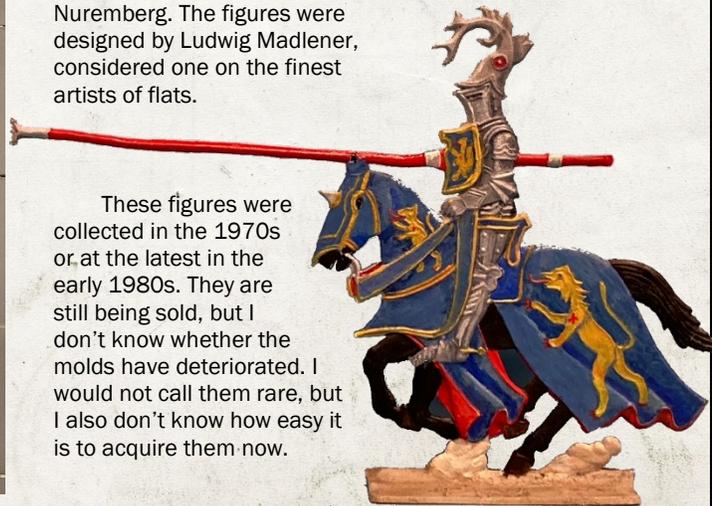
If interested, please contact: ricksanderszf@gmail.com



A note on this collection from Rick:

Sixtus Maier the Junger (active 1933-1968) started the series and was followed by his son Tilo Maier (active 1967-1984, when he died). The family lived in Aurachtal, Germany, about 30 kilometers northeast of Nuremberg. The figures were designed by Ludwig Madlener, considered one of the finest artists of flats.

These figures were collected in the 1970s or at the latest in the early 1980s. They are still being sold, but I don't know whether the molds have deteriorated. I would not call them rare, but I also don't know how easy it is to acquire them now.





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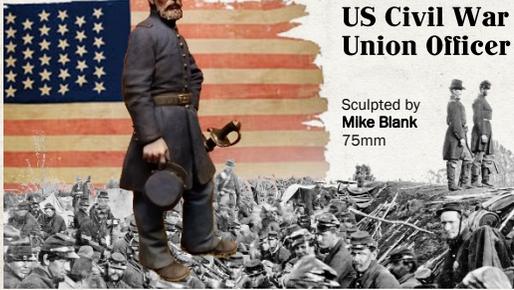
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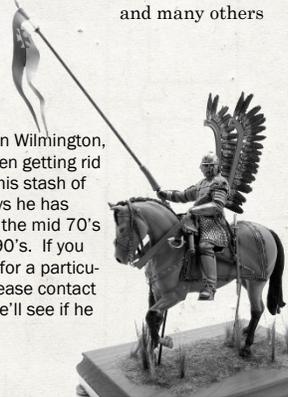


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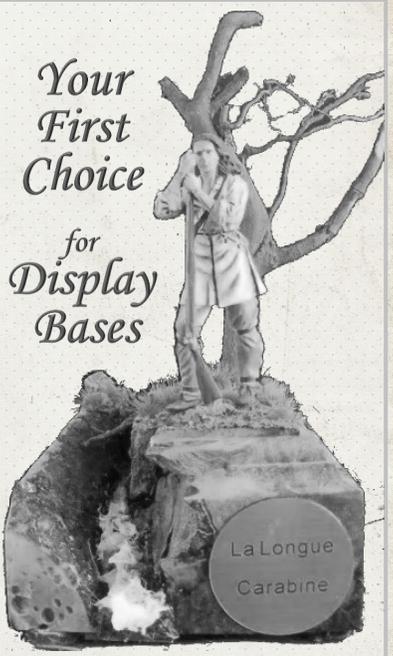
Brian Ford in Wilmington, N.C. has been getting rid of some of his stash of kits. He says he has plenty from the mid 70's to the late 90's. If you are looking for a particular kit[s], please contact Brian and he'll see if he has it.

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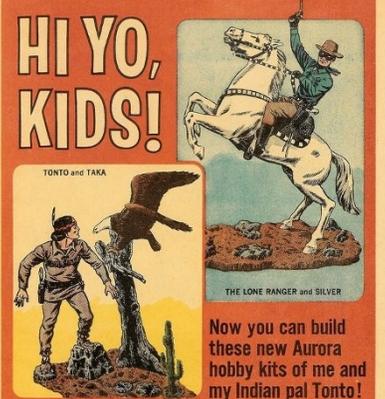


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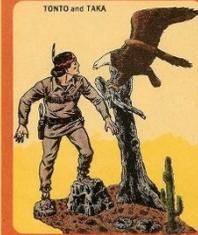
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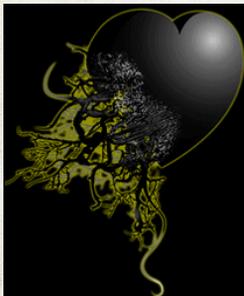




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