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Canton Seneschals

Canton of Cyddlain Downs: Lady Etain of Sutherland, mka Robin White, 512 Kenton Dr. Irmo, SC 29063, claybaby2@aol.com

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Canton of St. Georges: Laird Magnus mac Iain Craig mka Jackson A. Parris, 1158 E. P. McDaniel Rd. Pickens, SC 29671, 864-878-9966, hielander_45@msn.com

Canton of Ritterwald: Deputy Seneschal, Lord Eirikr inn Danski, at (803) 793-3598, Denmark2Vikings@aol.com

Baronial Appointments

Collegium Chancellor: Baroness Isabeau Cranach (Baroness Yamanouchi Akiko), akiko_sama@att.net

Captain of the Baronial Levy: Lord Dietric von Hessen, dvonhessen@hotmail.com

Captain of the Baronial Guard: Lord Nicola Buscelli

Captain of the Baronial Missileers: Lord Tiama Cormac an Faldubh, Irdcormac@charter.net

Captain of the Baronial Cavalry: Sir Randal Sinclair Hawkins

A&S Champion: Lady Etain of Sutherland, claybaby2@aol.com



February 2005, AS XXXVX A Publication of the Barony of Nottingham Coill

Baronial Regnum

Baron and Baroness: Baron William Welwyn, mka William Morris, liam@schc.sc.edu and Baroness Julian Hungerford, mka Julie Morris, julian@schc.sc.edu, 501 Laurel Hill Lane, Columbia, SC 29201 803-252-3712

Seneschal: Lady Victoria Pringle contact info forthcoming

Chatelaine & Historian: Bantiarna Muirgheal inghean ui Ogain, mka Manly Summerfield, 864-271-7978 (please not after 9pm), Muirgheal@charter.net

Minister of Minors: Lady Glee

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Marshal: Johann von Rothenburg, mka John Gahrman, 864-506-0140 Twosword@hotmail.com

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Minister of the Lists: Master John le Burguillun, mka Les Shelton, 118 Rock Hampton Road, Irmo, SC 29063, 803-781-2375, sheltons@sysmatrix.net

Greetings to all during this unseasonable February. I am working on having a set submission and publication deadline for The Quill. I hope to have that date set actually later this month.

I am excited to announce we have Baronial fighter practice organized. The location is in Newberry, SC at Kendall Park. The location was agreed upon by Their Excellencies as being the most central place for all members of the Barony. We have the run of the park with the notable exception of a fenced in baseball field. We also have the park all day so practice will begin at 12 noon and will go until approximately 6pm or until people get too tired to practice. There will be archery as well as light and heavy fighting. I am trying to coordinate a possible potluck/grill out arrangement so please let me know if you plan on bringing a grill or even if this would be of interest. Our normal practice date will be the 3rd Sunday of each month however this month we have been asked by the Parks and Recreation office to hold practice on the 3rd Saturday. So, February's practice will be Saturday, Feb. 19th. Directions will be published on the Baronial group as well as the individual canton egroups. However, for those who would like to do an exact map, use my address, 2000 Lee Street Newberry, SC 29108, as a destination as I live, basically, just across the street from the park. Also, signs will be posted along the way as well.

I look forward to seeing as many of our populace at this, and future practices as possible. If anyone has any questions, comments, or concerns, please feel free to email me at lyndasty@gmail.com.

In Service to our Barony,
Etaoin Campbell

The Chirurgeon's Corner

Greetings and good health to all from the Baronial Chirurgeon.

February is the month when matters of the heart are foremost in many people's thoughts. We celebrate the Feast of St. Valentine as well as (mundanely) National Heart Month. How many of you know the most common signal that a person likely is having a heart attack? The 'elephant sitting on my chest' feeling, right? Wrong! - if you're a woman. The medical profession has only recently (in the past 5 years or so) recognized that a woman's signs and symptoms are significantly different from

those a man has, starting with the 'elephant on the chest' sensation. Typically, a woman doesn't experience that, and if she thinks she's not having a heart attack because "I'm not having the crushing chest pain that I'm 'supposed to have' ", she might very well end up dead before insight occurs. So here are the most typical indicators of heart attacks: one list for the gentlemen, and a separate list for the gentlewomen. Please remember that, even though these are typical of one gender or the other, they are not limited to that gender. (These lists were compiled from information provided by the American Red Cross and the American Heart Association.) Share the information with someone you care about.

Men:

- Persistent, often crushing, chest pain or pressure that does not go away or goes away and comes back
- Chest pain spreading to the shoulders, neck, lower jaw, or arms (especially the left one)
- Pain accompanied by dizziness, lightheadedness, nausea, vomiting or fainting
- Trouble breathing or shortness of breath. The victim's pulse may be faster or slower than normal or may be irregular
- Skin may be pale, ashen (greyish), or bluish in color. The victim's face may be moist or the victim may sweat profusely
- Denial of the seriousness of the signals, or a vague feeling of "impending doom"

Women (also the Elderly or Diabetics, of either gender):

Note: some of the indicators below are similar to things experienced during menopause. If you are at all uncertain, err on the side of caution and get to a hospital! It's far better to be alive and somewhat embarrassed by a false alarm than dead due to overruling what your body is trying to tell you.

- Very unusual fatigue (more pronounced than usual, and with no apparent connection to recent activities)
- Overall weakness
- Nausea and dizziness
- Pain in the back, especially (but not limited to) between the shoulder blades
- Pain spreading to the shoulders, arm, neck and jaw; may include a headache
- A dull aching sensation or vague discomfort
- Sudden or unusual shortness of breath (again, with no apparent connection to recent activities)
- Discomfort in the lower chest
- Indigestion or gas-like pain
- Sleep disturbance

Yours in service to the continued good health of The Dream,

Morwenna Trevethan

Membership Project from the Canton of Ritterwald

From the Canton of Ritterwald comes a new membership recruiting technique. The cards are simple Avery Clean Edge business cards with the Canton's information and blanks for the card carrier's name and contact information. On the opposite side is printed the following: (used with permission from Desideria Liberati di Norcia)

The Society for Creative Anachronism (SCA)

The S.C.A. is an international non-profit organization dedicated to re-creating the best of the Medieval and Renaissance eras (c.400-1600). Members study and enjoy various arts and sciences, such as history, culture, music, dance, mock combat, archery, armoring, heraldry, embroidery, costuming, calligraphy, food, drink, etc. If this sounds interesting to you, you are welcome to join our group. For more information, contact the person listed on the back of this card.

The cards were created with Print Artist software on a home computer. The cost is low while the look is clean and professional.

My thanks to Desideria Liberati di Norcia and the Canton of Ritterwald for sending this in for inclusion and encourage each Canton to follow their example by utilizing such an inexpensive and simple yet professional recruiting tool.

A Short History on Codes and Ciphers Part I

The study of enciphering and encoding (on the sending end), and deciphering and decoding (on the receiving end) is called cryptography from the Greek κρυπτός (kryptos), or hidden and γραφή (graphia), or writing. If you don't know Greek (and not many of us do) the above letters could be a form of code themselves! Although the distinction is fuzzy, ciphers are different from codes. When you substitute one word for another word or sentence, like using a foreign language dictionary, you are using a code. When you mix up or substitute existing letters, you are using a cipher. (I told you the difference was fuzzy, and you can combine codes and ciphers by substituting one word for another and then mixing up the result.) For now we will concentrate on ciphers.

For a cipher to be useful, several things must be known at both the sending and receiving ends:

- The **algorithm** or **method** used to encipher the original message (the unaltered message is known as the plaintext).
- The **key** used with the algorithm to allow the plaintext to be both enciphered and deciphered.
- The **period** or **time** during which the key is valid.

By way of analogy, to get into your home you would put a key in a lock to open the door. This process (the use of a key and a lock) is the method or algorithm. Now this method only works if you have the proper key to stick in the lock, and your key will be valid only as long as you are the resident of the particular abode. The next resident will have the locks changed to a different key to make sure that you cannot enter even though you may know the method.

The selection of the above three items - algorithm, key and period - depend on your needs. If you are in the battlefield and are receiving current tactical data, you want an algorithm that makes it easy to decipher the message in the heat of battle. On the other hand, you must also assume that your opponent has intercepted your enciphered message and is busy trying to break it. Therefore you must choose an algorithm (method) that is complicated enough so that by the time your opponent figures it out, the data will be worthless. The easier the algorithm you choose, the more often you will have to change the key that unlocks the code - if you want to keep your enemy in the dark.

Ciphers are broken into two main categories; substitution ciphers and transposition ciphers. Substitution ciphers replace letters in the plaintext with other letters or symbols, keeping the order in which the symbols fall the same. Transposition ciphers keep all of the original letters intact, but mix up their order. The resulting text of either enciphering method is called the ciphertext. Of course,

you can use both methods, one after the other, to further confuse an unintended receiver as well. To get a feel for these methods, let's take a look at some ciphers.

THE ORIGINS OF CODES & CIPHERS: The most ancient means of sending secret messages is to simply conceal them by one means or another. Around 1900 BC, an unnamed scribe in Egypt used non-standard hieroglyphs in an inscription on the tomb of Khnumhotep II. It, unlike most ciphers, was not used to conceal the meaning of the text, but to lend it more dignity. In the same way our government would use "In the year of Our Lord Two-thousand and four", instead of 2004. This has been, to date, the oldest documented example of written cryptography. Later, Egyptian priests were using ciphers to encode their holiest manuscripts. In doing so, the priests forever linked cryptography to religion and mysticism in the minds of laymen.

Also, a Mesopotamian tablet dating to around 1500 BC has been found containing an enciphered formula for the making of glazes for pottery.

Going back way before your school days, to the 5th century B.C., the Spartans, the most warlike of the Greeks, used an interesting transposition cipher called a **skytale** (or scytale). The skytale method utilized a cylinder (from which the method derived its name) with a ribbon or strip of leather (such as a belt) wrapped helically around it from one end to the other. The message was written across the ribbons or leather, and then unwrapped from the cylinder, thus rendering the message intelligible. It was sent to a recipient with the same diameter scytale. Only someone with an identical diameter cylinder could re-wrap and read the message.

The scytale depended on a piece of hardware, the cylinder, which if captured by the enemy, compromised the whole system. Also, the receiver could lose or break the cylinder and therefore lose the ability to decipher any message. It would be better if the method were completely "intellectual" and could be remembered and used without resorting to a physical device.

Another way of concealing messages was to actually conceal the message. The sciences of sending concealed messages are known as "steganography", which is basically Greek for "covered writing". Although not the focus of this article, I thought I would include some background on it. The ancient Greek historian Herodotus wrote that when the Persian Emperor Xerxes moved to attack Greece in 480 BC, the Greeks had been warned by a Greek named Demaratus, who was living in exile in Persia. In those days, wooden tablets covered with wax were used for writing. Demaratus removed the wax from a tablet, wrote a message on the wooden tablet itself and covered it again with wax. He then wrote a simple message to his wife and had it delivered to her, allowing the vital information to be smuggled out of the country (I do find it amusing to note the fact that only his wife figured out what he was up to, not his father, nor his father's advisors). Other classical techniques for smuggling messages included tattooing it on the scalp of a

messenger, letting his hair grow back, and then sending him on a journey. At the other end, the recipient would shave the messenger's hair off and read the message. As a side note on the Greeks, Plutarch (another chronicler) wrote that "sundry very ancient oracles were kept in secret writings by the priests" at Delphi.

China, which was the only high civilization of antiquity to use ideographic writing, seems to have never developed much real cryptography. Since only persons of the Imperial family and selected court functionaries were allowed to learn to read and write for a great period of history, there was not any true need for creating a system of encoding messages. Also, most of the messages were committed to memory and delivered orally. When there was a need for written text, the person wishing to send a message would resort to steganography. The sender would write the message on exceedingly thin silk or paper, then roll it into a ball and cover it with wax. This "la wan" would be concealed on the messenger, swallowed or sometimes inserted someplace beyond where normal searches take place.

The next installment will begin with Julius Caesar and the Caesar Cipher.

Lucien de La Rochelle, of 16th century France, is an apprentice Navigator on board the La Dauphin, a French naval Scientific/Exploratory vessel Captained by Giovanni Verrazzano of Italy. He enjoys riddles, puns, music, fencing; current fashion and making certain that his King isn't double-crossed by said Italian Captain.

Jim Looper is a happy-go-lucky husband and father who works as an electrical/electronics technician for Advanced Technology Services. His hobbies include playing with his son, keeping himself out of trouble with his wife, riddles, puns, crosswords, cryptograms, woodworking and metalworking.

THE SOCIETY FOR CREATIVE ANACHRONISM, INC. - FINANCIAL REPORT

Branch: Barony of Nottingham Coil **Period:** 1/1/04 to 12/31/04 .

COMPARATIVE BALANCE SHEET

| I. ASSETS | Source | Start | End |
|---|--------------------------------------|---------|---------|
| a) Cash on Hand and in Non-Interest-Bearing Accounts | Cash Reconciliation Worksheet | 3858.77 | 4708.24 |
| b) Cash Earning Interest | Cash Reconciliation Worksheet | 0.00 | 0.00 |
| c) Receivables | Comparative Balance Worksheet | 0.00 | 0.00 |
| d) Inventory For Sale | Inventory Worksheet | 0.00 | 0.00 |
| e) Regalia & Donated Property | Property Worksheet - ND | 985.92 | 985.92 |
| f) Purchased Property & Equipment | Property Worksheet - D | 0.00 | 0.00 |
| g) MINUS Accumulated Depreciation | Property Worksheet - D | 0.00 | 0.00 |
| h) Other Assets | Comparative Balance Worksheet | 0.00 | 0.00 |
| i) TOTAL ASSETS | Add a through f to h then subtract g | 4844.69 | 5694.16 |

| II. LIABILITIES | | | |
|---------------------------------|-------------------------------|------|------|
| a) Newsletter Subscriptions Due | Subscriptions Due Worksheet | 0.00 | 0.00 |
| b) Payables | Comparative Balance Worksheet | 0.00 | 0.00 |
| c) Other Liabilities | Comparative Balance Worksheet | 0.00 | 0.00 |
| d) TOTAL LIABILITIES | Add a through c | 0.00 | 0.00 |

| III. NET WORTH | | | |
|-----------------------|--------------------------|------------------------------|--|
| | Line I.i minus Line II.d | 4844.69 | 5694.16 |
| Proof: | Change in Net Worth | III(End) - III(Start) (A) | 849.47 (A = B) ? |
| | Net Income | Income Statement Line 31 (B) | 849.47 If NO, the report is incomplete. |

THE SOCIETY FOR CREATIVE ANACHRONISM, INC. - FINANCIAL REPORT

Branch: Barony of Nottinghill Coill **Period: 1/1/04 to 12/31/04**

INCOME STATEMENT

| | INCOME | | Amount |
|----|---|-------------------------|---------------|
| 1 | Contributions from the General Public | Income Worksheet | 0.00 |
| 2 | Direct Contributions | Income Worksheet | 207.00 |
| 3 | Adjusted Gross Event-Related Income | Income Worksheet | 3921.00 |
| 4a | Funds Received from | SCA Funds Transferred | 2.59 |
| | | WITHIN KINGDOM | |
| 4b | Another SCA Account | Worksheet - IN | 0.00 |
| | | OUTSIDE KINGDOM | |
| 5 | Interest Earned | | |
| 6 | Net Inventory Sales income | Inventory Worksheet | 0.00 |
| 7 | Net Other Asset Sales Income | Property Worksheet - ND | 0.00 |
| 8 | Net Newsletter Income | Income Worksheet | 0.00 |
| 9 | Other Income | Income Worksheet | 0.00 |
| 10 | TOTAL GROSS INCOME (Sum of Lines 1 through 10) | | 4130.59 |

| | EXPENSES (Source) | Office & Admin. | Event Related | Fund | Total |
|-----|--|-----------------|---------------|------|---------|
| 11 | Advertising | - | - | - | 0.00 |
| 12 | Bad Debts | - | - | - | 0.00 |
| 13 | Bank Service Charges | - | - | - | 0.00 |
| 14 | Depreciation (Property Worksheet - D) | - | - | - | 0.00 |
| 15 | Equipment Rental & Maintenance | - | - | - | 0.00 |
| 16 | Fees & Honoraria (Expense Worksheet) | 38.00 | - | - | 38.00 |
| 17 | Food | - | 1,203.52 | - | 1203.52 |
| 18 | General Supplies | 30.93 | 230.49 | - | 261.42 |
| 19 | Insurance (NON-SCA) | - | - | - | 0.00 |
| 20 | Occupancy & Site Charges | - | 1,582.00 | - | 1582.00 |
| 21 | Postage & Shipping, PO Box Rental | 55.00 | - | - | 55.00 |
| 22 | Printing & Publications | - | 3.18 | - | 3.18 |
| 23 | Released Property (Property Worksheet - ND) | - | - | - | 0.00 |
| 25 | Telephone | - | - | - | 0.00 |
| 25 | Travel (Gas, Tolls, Airfare) | - | - | - | 0.00 |
| 26 | Other Expenses (Expense Worksheet) | - | - | - | 0.00 |
| 27 | SUB-TOTAL (Lines 11 -26) | 123.93 | 3019.19 | 0.00 | 3143.12 |
| 28 | Donations to Other 501(c)(3) [Nonprofit] Organizations (Expense Worksheet) | | | | 0.00 |
| 29a | Funds Moved to (SCA Funds Transferred Worksheet – Out) WITHIN KINGDOM | | | | 138.00 |
| 29b | Another SCA Account (SCA Funds Transferred Worksheet - Out) OUTSIDE KINGDOM | | | | 0.00 |
| 30 | TOTALEXPENSES (Line 27 TOTAL + Lines 28 to 9b) | | | | 3281.12 |
| 31 | NET INCOME (MUST MATCH Change in Net Worth) (Line 10 Minus Line 30) | | | | 849.47 |

THE SOCIETY FOR CREATIVE ANACHRONISM, INC. - FINANCIAL REPORT

Branch: Barony of Nottingham Hill **Period:** 1/1/04 to 12/31/04 .

CASH RECONCILIATION WORKSHEET

Bank Account Title: Society for Creative Anachronism Inc - Barony of Nottingham Hill

Bank Statement Ending Date : 12/31/2004

1. ENDING BALANCE FROM BANK STATEMENT 4,705.65

DEPOSITS NOT YET CREDITED ON STATEMENT

| Date | Amount of Deposit | Date | Amount of Deposit |
|------|-------------------|------|-------------------|
| | | | |

2. TOTAL DEPOSITS NOT YET CREDITED 0.00

3. SUBTOTAL (Line 1 + Line 2) 4705.65

WITHDRAWALS AND CHECKS NOT YET CLEARED

| Check Number | Check Amount | Check Number | Check Amount |
|--------------|--------------|--------------|--------------|
| | | | |

4. TOTAL WITHDRAWALS NOT YET CLEARED 0.00

BANK BALANCE (Line 3 - Minus Line 4) 4705.65

Reconciliation of Account Register to Bank:

6. ENDING BALANCE IN ACCOUNT REGISTER 4705.65

7 a. Service Charges
 b. Other Fees
 Total Charges 0.00

8. Interest Earned on Account

9. ACCOUNT REGISTER BALANCE (Line 6 - Line 7 Total + Line 8) 4705.65

For an Interest-Earning Account, add Line 9 to Page 1 Line I.b

For an non-Interest-Earning Account, add Line 9 to Page 1 Line I.a

Line 9 Must Equal Line 5 to be correctly reconciled.

Cash on hand is any cash not yet deposited into an account, and the amount of any petty cash funds that may exist.

Enter the total of all this money in the box below. Only fill this line in on the worksheet for the primary account.

| | | |
|---|------|-------------------------------|
| 10. CASH ON HAND (NOT IN A BANK ACCOUNT) | 2.59 | Add to Page 1 Line I.a |
|---|------|-------------------------------|

Happenings Around the Barony

These are just some of the activities happening around the Barony on a regular basis. If you are interested in any of these activities, contact the Canton seneschal, whose information is listed earlier with the Baronial Regnum.

Business Meetings

1st Tuesday Falcon Cree, Symmes Branch Library, Greenville, SC

2nd Tuesday St. Georges, Central Branch Library, Central, SC

3rd Wednesday Cyddlain Downs, Shoneys on Busch River Rd. Columbia, SC

4th Sunday Canton of Ritterwald, rotating location, please contact canton seneschal as listed with Baronial Regnum

Martial Activities

Sunday, Feb. 19: Baronial fighter practice Kendall Park, Newberry, SC (Contact Etaoin Campbell at lyndasty@gmail.com for directions.)

Every Sun. Fighter Practice, 2-5 pm, Cleveland Park, Greenville, SC

Every Tuesday Fighter Practice, 6:00 Rapier, 6:30 Heavy, Riverfront Park Columbia, SC

Every Tuesday Fighter Practice at Clemson Park, 7:00-8:30pm.

Archery Practice

Falcon Cree: Contact Tiarna Cormac an Faoldubh.archery@falconcree.org for more info

Ritterwald: 2nd Sunday of each and every month, Torsguard, in Williston, SC. There will be a pot luck supper. Contact Lord Torr Olafsson at (803) 266-2162, or at torsguard@yahoo.com.

Cavalry Practice:

Ritterwald: 3rd Sunday of each and every month, from 10:00am to 4:00pm, with pot luck luncheon break. All fighter disciplines are welcome as well, and there will be workshop projects for anyone else. Fee \$5.00 per person. Contact Baroness Beatrice von Staufen at (803) 593-6512, or at baronessbeatrice@hotmail.com.

Other Activities

2nd Tuesday Calligraphy Night, 7pm Lady Muirgheal and Lord Cormac's Home, Greenville, SC

4th Sunday, Dance Practice, Church of the Cross Episcopal. Contact Baroness Julian for directions. Columbia, SC

2nd Thursday A&S Night, 7pm, changing locations contact Falcon Cree's seneschal, Greenville, SC

Workshops have been slated for any who choose to attend, at Torsguard, concurrent with the planned Archery Practice on the 2nd Sunday of each and every month, beginning on February 12. It is our hope that all Canton members will join us, whether to Arch or to enjoy our fellowship and learning sessions. A potluck luncheon is planned and your participation is encouraged. We are scheduling workshops on the matters of Device Design and Creation, Canton Banners, Sewing a Cotehardie, etc. Should you have particular subject you would like for us to offer, please contact the Canton Minister of Arts and Sciences, Desideria Liberati di Norcia (Patricia della Piana) at (803) 266-5828; patdellapiana@yahoo.com.