



# Young Tyros Newsletter

October 2009

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Staff – FIZZY

GGMA

ZANAC

\*COPST - CODE PENGUIN

Hallowed Halls of Hallucinatory Crypts

\*Contribution of Personal Solving Technique

ACA Web Site Resources Page at [www.cryptogram.org](http://www.cryptogram.org)

Current and past Newsletter issues are available at this site. Thank you, ACA Webmaster, **PARROT**.

## \*Contribution Of Personal Solving Technique – Interactive Computer Solver      **CODE PENGUIN**

Computer oriented Young Tyros might want to consider a project that takes the 'grunt work' out of solving with CODE PENGUIN's interactive computer program located at: <http://www.codepenguin.net/2009/09/19/creating-an-interactive-cryptogram-solver-part-i/>  
Send us one of your personal pet methodologies.

## Welcome New Solvers

We welcome new solver, DOPEFISH, to our Newsletter and Cm Solvers List.

## Free Code and Cipher Books For New Young Tyro Members

We have books. The following books are available, free of charge, to new Young Tyro members. Send LIONEL, name, address, age and three Nom choices of the new member. We will select a book suitable for the new member's age, or you may pick one. Less than twelve years of age members receive the bimonthly Junior Newsletter edition.

*Alvin's Secret Codes* – Hicks

*Crypt-Arithmetic* – Brooke

*Invitation to Cryptograms* – Williams

*Best of Create a Code* – Think Ink

*Crypto & Spygrams* – Gleason

*Kids Code & Cipher Book* – Garden

*Codemaster* – Marvin Miller

*Cryptography* – Dwight Smith

*Number Puzzles* – Diagram Group

*Codes, Secret Writing* – Gardner

*Cryptanalysis* – Helen Gaines

*Secret Codes & Ciphers* – Kohn

*Codes and Secret Writing*

*Find Out Secret Codes* – Beal

*Fun with Secret Writing* - Lamb

## Gimme A Break – JA Aristocrats (may be digraphs / trigraphs)      (1) Unless otherwise stated      ZANAC

A-1 the, that, A-2 the, you, A-3 the, to, A-4 the (2), to, A-5 the (2), A-6 A, is, A-7 to, you, A-8 a, A-9 to, A-10 to (2), A-11 number, A-12, I, the (2), A-13 a (4), A-14 do (3), the (3), A-15 the, to, A-16 the (3) to, too, A-17, a, and, the, A-18 a (2), to, A-19 the, to, A-20 of (2), the, A-21 and, any, A-22, a (2), to, A-23 six, A-24 with (2)

## JA Patristocrat Ciphers – (may be digraphs / trigraphs)      (1) Unless otherwise stated

P-1 the (5), to (3), P-2 (the, try, P-3 a (3), convention site, P-4 for, to, you, P-5 ous (2), P-6 the (2), to, P-7 ever, the, P-8 the (3), P-9 a (6), the (2), P-10 it (3), P-11 oo (4), P-12 the (2), P-Sp-1 & 2 "c & f" alliteration.

JA A-20.    Escape artists.    K2. (101)      (Look for eight letter Z's.)      **OZ**

JA P-9.    Not in nature.    K3. (91/21)    (BUCL)    (Letter Z Animals present.)      **MOTOR**

JA E-2.    Variant.    Too many laws?    (whatever)    **PERIOD SEVEN**      **DYETI**

JA E-6.    Checkerboard.    Ribbit.    (population) (Frog keys.) (OS = e)      **D. STRASSE**

**JA E-19. Foursquare. It's a long way home. (stares back at me)**  
Note extended crib above. Crib placement under TQ EO IN FH VV PO XH.

**PARROT**

**JA C-1. Square Root Cryptarithm. (Two words, 0-9)**

**ARIES**

The first root digit (Y) generates a two digit square (AE) with no letters duplicated. This tells us that the root digit must be 4, 7, 8 or 9. The squares of 7, 8 and nine fail to yield digits which will satisfactorily allow mathematical computations. The square of the root digit 4 will equal the second root digit. N must equal zero.

**JA C-14. Double Key Multiplication. TWO WORDS, three words, 0-9) RIG R MORTIS Analyst – GGMA**

No need to be spooked by the “double key”. Look at it as a relatively simple two part problem. First, solve the INDEPENDENCE \* DAY = PSNYETIPCIPE equation. There are a lot of clues: I, D, A, Y and P cannot be zero. D, A and Y cannot be one, or the pattern of the partial products would be the same as INDEPENDENCE. P must be 3 or more. D and Y must both be less than A, due to the relative lengths of the partial products. We also know that s=E, from the last column of the addition. Therefore, E \* Y = ?E, E \* A = ?E, and E \* D = ?i. Now, ask yourself “what is the value of E?”

**SO A-23. Scientific phenomenon. K4 (101)**

**BION**

Refer to your pattern word list. Cross match ciphertext JDXX and XSZCRGJSODT. You will find only one word that will fit the letter repetitions in each. Cross match TOECDNUDT and ZGBGJSODT. You will find only one word in the former and two words in the latter that will fit each word's letter repetitions.

**SO P-Sp-1. Tense situation. K3 (104/21) (VYN-)**

**BION**

**(Analyst GGMA)**

Alliteration variation. Two low frequency letters used as initial word letters.

**SO X-7. ?????? Keep your distance. (K2) (117)**

**G-MAN**

**(Analyst GGMA)**

Language from the Iberian Peninsula. (Catalan, Portuguese, Spanish.)

**SO X-Sp-2. Zulu. Fractionated Morse. Article One.**

**ANGO-KA**

**(Analyst GGMA)**

Text is from the UN Declaration of Human Rights. Key recovery will prove correct solution.

**SO E-4. Vigenere. Do not exaggerate the value of stupidity. PERIOD NINE**

**OOBOO**

**SO E-8. Null. Speechless they're not. (are)**

**APEX DX**

Think middle, midpoint, center, central when looking for crib placement of letters in ciphertext.

**SO E-11. Nicodemus. Majority rules either way. PERIOD EIGHT OZ**

**(Analyst GGMA)**

**Cipher Solving Lesson Plans**

**LIONEL**

Cipher solving lesson plans are available for: Affine & Hill Elementary School Mathematical Ciphers, Aristocrat, Baconian, Bazerics, Checkerboard, Foursquare, Fractionated Morse, Kasiski Period Determination, Monome-Dinome, Morbit, Null, Patristocrat, Pollux, Railfence, Sudoku and Swagman. Send \$1.00 for postage and handling for each Cipher Type requested to Lee Melair, 1828 Howe Lane, Maple Glen, PA 19002-2915.

Sunny CIPHERING,

LIONEL

cc: ACA Executive Board