



Young Tyros Newsletter

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GGMA

ZANAC

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Are you certain this is a polling booth?

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Welcome A New Solver to Our Mailing List

We welcome new solvers, CHOUETTE and HEURISTICS, to our Cm Solvers List and Newsletter Mailing List.

Interactive Cryptogram Sites (ZANAC)

Crypto Compendium: <http://www.quadibloc.com/index.html>

Sudoku: <http://www.scanraid.co.uk/sudoku.html>

JA Aristocrat Ciphers – “the” & “that” occurrences. (ZANAC) “the”- may be trigraph

A-1 (the-4), A-2 (the-2), A-3 (the-3), A-4 (the-3), A-5 (the-3, that-1), A-6 (the-1, that-1), A-7 (a-3), A-8 (the-1), A-9 (the-1, that-1), A-10 (the-1), A-11 (the-1), A-12 (the-2), A-14 (the-1), A-16 (the-1), A-18 (the-1), A-24 (the-1)
“to” occurrences – A-3, 4, 13, 20. “people” occurrences – A-2, 4, 16.

JA Patristocrat Ciphers – “the” & “that” occurrences. (ZANAC) (the- may be trigraph)

P-1 (the-1), P-2 (the-2), P-3 (the-2), P-4 (the-2), P-5 (the-2), P-6 (the-1), P-7 (the-1), P-8 (the-2, that-2), P-9 (the-2)
P-10 (the-3), P-11 (the-1), P-12 (the-1), P-Sp-1 (the-3, that-1), P-Sp-2 (the-1). Note – 6 of 14 Pats begin with “The.”

JA A-23. Aristocrat. Take it easy.

MICROPOD

Look for terms referencing harmless substance issuance to an elephant, hippopotamus or rhinoceros.

JA P-Sp-1. Patristocrat. Bertrand Russell.

ANCHISES

The second plaintext word has eleven letters with the following pattern – 12345673859.

JA X-10. Myszkowski. Global Warming.

EL CONDOR

(Analyst GGMA)

Period 13. Here is a slightly longer tip to help: (-os provocados por) Plaintext begins, “Mexico.....”

JA, E-1. Homophonic. Authors be afraid. (QLCNY)

CONCORDANCE

Look for one of these as your key word: DISS, EDIT, HURT, MOCK, RILE SLAM, SLUR

JA 2008 E-7. Anything goes.

TWEETY

(Analyst GGMA)

Solving a Baconian without a crib is usually painful. With Baconians without a crib, I try using the higher frequency digrams as cribs, such as TH, IN, ER, RE, and so on. One of these four digrams will do the trick.

JA, E-9. Incomplete Columnar. Big Miss Sunshine. (NCGYM)

CONCORDANCE

Try a Period Eight and a common word start for the plaintext.

JA, E-10. Amsco. Buyer beware, again. (-prove-)
Period Five. Lengthen crib to “improvement.”

DYETI

JA E-12. Ragbaby. Cat and mouse. (however) APEX DX (Analyst GGMA)

There are 3 possible locations for the crib, EBRWDQR, MDOBSSU and LYWLMHS. It cannot be EBRWDQR, because the shift for the last R is 20 and R cannot be 20 away from itself. It cannot be MDOBSSU, because the shift for the cipher letter B is 24, the plaintext letter is also 24. This leaves LYWLMHS. The shift for W is 24, so plaintext for W is W – confirming this tip placement. There are sixteen letters in the key word (phrase).

JA, E-19. Grandpre. Winning smile. (wasmeticulousaboutthe) REAL NEO

Notice how the ciphertext number repetitions follow the same pattern as the repeated crib letters in the third line of ciphertext. This is your crib placement. **Check the ACA and You Handbook** for Grandpre procedures. Look for that gentleman who was “The Father of our Country” in the plaintext.

JA, C-Sp-1. Sudoku. (Two words) BION

Your favorite anagram site shows only seven two word anagrams for the given construction letters. One of them fits nicely into the middle box of the Sudoku nine x nine grid.

SO, A-25. School field trip. K4 (96) THE RAT (Analyst REAL NEO)

MATANZA’s two Cm articles (MA02 and MA08) made it pretty easy to determine which ciphertext letters represented vowels. Check your pattern word lists for all words ending in a double letter. There are not too many. The title provides a clue that the word “zoo” will be one of those double letter words.

SO, E-1. Gronsfeld. Obsequious advisors. (opinions) DYETI

The Gronsfeld uses up to ten of the twenty-six Vigenere alphabets. Its key substitutes the numbers zero through nine for alphabet letters A thru J. Zero alphabet represents Vigenere alphabet A thru Z; 1 alphabet, B thru A; 2 alphabet, C thru B and so forth. The plaintext of this Period Ten cipher begins “Those.....” The key is expressed in numbers.

SO, E-2. Complete Columnar. Problems of the modern author. BION

Period seven. Plaintext begins with either “The” or “Most.”

SO, E-7. Redefence. Perspective on polling. (people – 2) G4EGG

Five rails. No offsets. Begins with rail five.

SO, C-14. Cryptarithm Multiplication. (No word, 0-9) ACHAMP

Summations reveal that $E + E = Y$, so Y must be an even number and $Y + Y = C$, which seems to relegate C to odd number status because of three addition values to its right. Trial and error will indicate that $Y = 2$ and $C = 5$.

Cipher Solving Lesson Plans LIONEL

Cipher Solving lesson plans are available for the following Cipher Types: Affine & Hill Elementary School Mathematical Ciphers, Aristocrat, Baconian, Bazeries, Checkerboard, Foursquare, Fractionated Morse, Kasiski Period Determination, Monome-Dinome, Morbit, Null, Patristocrat, 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 Cipherying,

LIONEL

cc: ACA Executive Board