



Young Tyros Newsletter

December 2011

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Staff – FIZZY

GGMA

ZANAC

*COPST – QUIPOGAM

“Riding in a one horse open sleigh” seems to fit.

*Contribution of Personal Solving Technique

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QUIPOGAM offers the use of the web site wordsmith.org as an anagramming solving tool to determine the vertical and horizontal keywords in the SO AC-993 Double Checkerboard Cipher. Your Newsletter Editor was most determined to solve this cipher as a Twosquare or Foursquare until QUIPOGAM suggested this web site as helpful solving aid for this construction.

Zany Plaintext

Here’s a bit of zany plaintext that I attempted to submit in the form of a cipher construction years ago but could not convince any of our Cm Editors to put it to use: **“Put more space between ham and and and and and eggs.”** Your mission, should you choose to accept it, is to make a perfect legitimate sentence out of this plaintext with the use of punctuation marks. We will send your choice, while supplies last, from our **Code and Cipher Book** list to the first ten successful solvers. The contest is open to all ACA Krewe, Tyros and Tyro wannabees.

Free Code and Cipher Books

Publications in our Young Tyro Library, available to new Young Tyro members, free of charge. Send LIONEL, name, address, age and three Nom choices of the new member. You may select a book, or we will pick one suitable for age. Members under twelve years of age will receive the bimonthly Junior Newsletter edition with cipher solving prize opportunities; twelve years and older will receive this Newsletter and its referenced constructions, upon request.

Alvin’s Secret Codes – Hicks

Cryptanalysis – Helen Gaines

Cryptography – Dwight Smith

Invitation to Cryptograms –Williams

Mental Magic – Martin Gardner

Picture Puzzles – Sam Lloyd

Codes and Ciphers - Callery

Crypto & Spygrams – Gleason

Find Out About Secret Codes – Beal

Mad Scientists Club – Brinley

Mysterious Messages – Blackwood

Secret Agent Activity Book – Jeremy Elder

Codes and Secret Writing – Zim

Codes, Secret Writing – Gardner

Fun with Secret Writing - Lamb

Mathemagic – Heath

Perplexing Puzzles – Gardner

Secret Code Kit – Slinky, Inc.

Gimme a Break – SO Aristocrats (may be digraphs / trigraphs) (1) unless otherwise stated

A-1, that, the (2), A-2, that, the, A-3, th (2), the, A-4, the (2), A-5, the, you (2), A-6, the (2), A-7, ing (2), A-8, rea (2), A-9, er (2), re (4), A-10, th (2), the, A-11, th (2), the, A-12, in (3), ing, A-13, you (3), A-14, into, the, A-15, ing (2), the, A-16, th (2), A-17, you (2), A-18, in (2), th (2), the A-19, All, A-20, Who reviews?, A-21, from, A-22, FXQQJII, I of 2 PW, A-23, H = x, A-24, Z = x, O = y, A-25, when.

Gimme a Break - SO Patristocrat Ciphers – (may be digraphs / trigraphs) (1) Unless otherwise stated

P-1, th (3), the, P-2, th (3), the, P-3, the, to (3), P-4, it (2), to, P-5, it (2), th (2), P-6, that, the, P-7, that, the P-8, it is, to (3), P-9, ing (2), phobia (2), P-10, did, P-11, ing (3), the (2), P-12, you (5), P-Sp-1,” F” alliteration, P-Sp-2, hieroglyphs

- SO A-20. Nasty review. K3 (84)** GKZYZG – Reviewer, HUKTFKDXSGU – Reviewed **OZ**
- SO P-12. See a doctor. K4 (104/22) (YUN)** Plaintext opens with a 13 letter pattern word. **THE RAT**
- SO X-9. Latin Morbit. Develop. (datae)** Plaintext opens with “Probae...” **THE DOC**
- SO X-Sp-2. French Transposition. Litterature classique. (deux)** Incomplete Columnar, Period 6 **PARROT**
- SO E-4. Vigenere & E-5 Beaufort** **THE DOC & DANEEL**
 The ACA and You Handbook limit Period length to 6 or 7 for the former and 7, 8 or 9 for the latter. One uses the lowest and one uses the highest Period length.
- SO E-8 Pollux. Ants vs. grasshoppers.** **MICROPOD**
 No given crib on this one. I always try a common opening word first.
- SO E-11 Redefence. Oral output. (more)** **APEX DX**
 Limited ciphertext suggests limited rails and limited offset.
- SO E-12. Monome-Dinome. Arabian Holiday. (shopping)** **EL CONDOR**
 Plaintext begins with that common three letter word again.
- SO C-Sp-2. Double key additions. (THREE WORDS, 0-9, one word, 0-9)** **BION**
 Line up LOAD + crate = EWEATD in addition order – You will find that c = 9, W = 0, E = 1 and e = 0. PANEL + track reveals N = 9 and u = 1. Car + BOLT discloses D to be one greater than B. All of these indicators prompt a WEBD beginning to our upper case three word key. You might have to Google the one word lower case key.
- ND A-21. A bird in the hand. K4. (97)** Think barnyard fowl. Lots of pattern words. **OZ**
- ND A-25. Smelly coat. K3 (78)** **ENIGMATIQUE**
 Pattern ciphertext, POJKLGJSQJY, yields only these plaintext words in my pattern list: “Consignment, molecularly, ornamenting, overwhelmed, technocracy.” If your pattern list yields more, you need a better pattern list.
- ND P-10. Silent night. K2. (108/22) (ZLIG)** **OXYMORON**
 Check out how many pattern words your Pattern Word List generates for the opening seven letter pattern word.
- ND E-6. Checkerboard. Equine research. (rather)** **MIKE BARLOW**
 Only one word fits the five letters for the left hand vertical keyword of the checkerboard and only one logical word for the horizontal top. The crib fits in near the end and look for the trigraph “the” appearing thrice.
- ND C-1. Square root. (Two words, 0-9)** Line up the letters in Square root order. **ARIES**
 You need not know how to do a Square Root to see that R = 0, S = 5 or 6, S = 1 > than T, T = 1 > than H.
- ND AC-999. ??? Nursery Rhyme.** A columnar transposition with a letter frequency twist. **LIONEL**

Sunny Cipherring,

LIONEL

cc: ACA Executive Board