



Young Tyros Newsletter

June 2011

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GGMA

ZANAC

*COPST – APEX DX,

My bride to be can't read ciphertext.

*Contribution of Personal Solving Technique

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APEX DX

Aristocrat Ciphers, in all four key alphabets, retain both word divisions and punctuation marks, although their significance may not receive the attention they deserve. The question mark punctuation can be distinctly helpful in solving, prompting a scan for such "question" words as "who, what, why, where, when and how" or such a plaintext order inversion as "Is George" instead of "George is." Commas or semi colons may be followed by such readily spotted adjoining words as "and, but, with," all worthy of a preliminary glance.

Three seemingly minor words – of, for, from – tend to turn up in cryptographic construction more frequently than you might expect. Guessing even a couple of them can provide you with the somewhat scarce "f," the more useful "o and r" and perhaps the letter "m," a good start for a K1 or K2 alphabet line. I also routinely scan for the likes of "that" and "eight" or other reversible "th" digraphs but those "of and fo" words can be easily overlooked.

Cryptology Web Site – <http://www.quadibloc.com/crypto/jscrypt.htm> Crypto Compendium ZANAC

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

Codes and Ciphers - Callery

Codes and Secret Writing – Zim

Cryptanalysis – Helen Gaines

Crypto & Spygrams – Gleason

Codes, Secret Writing – Gardner

Cryptography – Dwight Smith

Find Out About Secret Codes – Beal

Fun with Secret Writing - Lamb

Invitation to Cryptograms –Williams

Mad Scientists Club – Brinley

Mathemagic – Heath

Mental Magic – Martin Gardner

Mysterious Messages – Blackwood

Perplexing Puzzles – Gardner

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

A-1, the (2), A-2, and, A-3, th (2), A-4, the (3), A-5, that, the, A-6, the (3), A-7, th (4), A-8, the (2), A-9, that, A-10, th (3), A-11, th (2) the, A-12, th (6), the (2), A-13, th (2), A-14, e (8), A-15, e (10), A-16, PW, WQFSKWQGU, A-17, PW, TDVGXDZ, the, A-18, the, A-19, ff (6), A-20, PW's, A-21, j alliteration, A-22, th (2) one (2), A-23, e (9), A-24, FWXBN (lizard type), A-25, s (8). PW = Pattern Word

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

P-1, the (4), P-2, th (4), the, P-3, the (2), P-4, Title synonym begins plaintext, the, P-5, that, the, P-6, day (2), P-7, th (6), the (2), P-8, that (2), the, P-9, QZPW = want, P-10, er (3), re (2), th (2), the, P-11, that, the (2), P-12, that, TZQ = bit, P-Sp-1, FEX = ous, P-Sp-2, SI = he, island appears early in the plaintext.

MA A-17. Don't say it. (K3) (85) **ALCHEMYST**
Letter frequency analysis will lead you to ciphertext representing "the." See how plaintext t's, h's, and e's lead you to additional plaintext words.

MA A-21. Jocose jerk? (K3) (95) **WORD WIZARD**
Title gives clue for alliteration in use.

MA P-12. Saving. K4 (95/21) (VCN) **LIONEL**
Great Gadsby! Qh my! Perhaps another letter is most frequent.

MA X-7. ??? K2. Advertising. (101) **OBOO**
This language appears nowhere else in this issue's Xenocrypt column. Begin solving the unknown languages in Latin (this is not Latin). You will be pleasantly surprised at the plaintext which is generated.

MA E-1. Homophonic. Traditional perspective. (maori) **APEX DX**
Drag the crib through the ciphertext until crib letters and ciphertext numbers of equal distance are found. Since this is a cipher composed by the master of devious constructors, prepare for a lot of crib dragging.

MA E-11. Unknown. To diet or not to diet. (will make) **QUINCE**
Look for a cipher type usually appearing on the second page of the Cipher Exchange Column that is missing.

MA E-14. Fractionated Morse. Election report. (insults) **BION**
Look for crib placement near the beginning of the third ciphertext line. Substitute Morse Code symbols for crib plaintext letters and search for common crib plaintext and ciphertext letter sequence.

MA E-26. Two-square. Distinction unclear. (biomedical approach) **BARK**
Use your creativity to stretch the crib to "the biomedical approach is" and you will find five ciphertext / plaintext reversal matches allowing an easy crib placement and plaintext start

MA C-12 Sudoku. (Two words) **TWEETY**
This one can be sight read on a horizontal line. Pick a line with the most letters showing and fill in the blanks.

MA C-14. Addition. (No word, 0-9) **ACHAMP**
E must = 0 since E + E = E in the last column. A must be one greater than O since O + E = A in second column. O and A = Higher numbers since they indicate a carry in each column which they appear.

MA C-Sp-1. Magic Square. (Three words, 1-0) **RIG R. MORTIS**
Do not assume that I in sum ISP is equal to 1. Four addends can generate a 2 or 3 in the sum. (Try 2.)

MA AC-979. Tri-square. Famous novel. (381) (thebattlefieldthest-) **SCORPIUS**
The crib leads us to a famous Civil War novel which opens the plaintext.

MA MA-1. Tri-square. A poem. Plaintext one (MA-1) encrypted as a null cipher. **SCORPIUS**
Check out every other letter of decrypted crib for plaintext null and lead into Samuel Taylor Coleridge poem.