Young Tyros Newsletter
August 2010

"Albuquerque or bust" in Navajo script.　　　　　　*Contribution of Personal Solving Technique

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*Contribution Of Personal Solving Technique

For all of those interested in determining the Portax Cipher Period, BION has written an online version of **AAHJU's** ID test for Portax ciphers, which finds their period. Check out his web page link at
http://home.comcast.net/~acabion/portax_test.html　　Thank you, BION. **(Try it for JA E-7.)**

ERRATA (Thank you SCORPIUS)

Regarding the hints for MA E-9 in the June newsletter, although the keys FLIRT and SHONE, as appearing in the newsletter, will work, the actual keys are FLINT and SHORE. The latter two words are directly related to the subject of the plaintext, where Flint is a character in the novel and shore obviously separates land from sea and is an essential setting of the story. Along with the BLACK SPOTX key, which is an important device used by Stevenson to develop the plot, the keys to the cipher are all related.

Free Code and Cipher Books

These publications are in our Young Tyro Library and are 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. Less than twelve years of age members will receive the bimonthly Junior Newsletter edition. Twelve years and older will receive this Newsletter and its referenced constructions, upon request.

Alvin's Secret Codes – Hicks	*Fun with Secret Writing* - Lamb	*Invitation to Cryptograms* – Williams
Cryptanalysis – Helen Gaines	*Crypto & Spygrams* – Gleason	*Codes, Secret Writing* – Gardner
Cryptography – Dwight Smith	*Codes and Secret Writing* – Zim	*Find Out About Secret Codes* – Beal
*Mathem*agic – Heath	*Perplexing* Puzzles – Gardner	The *Mad Scientists' Club* – Brinley
Secret Code Kit – Slinky	*Six Million Dollar Man Secret* Codes - Morley & Silverstein	

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

A-1, the (2), and, (3), A-2, the, I, in, A-3, the, that, I, a, A-4, the, that, it is, A-5, in a, on a, A-6, in a, out (2),
A-7, is a, the (2), A-8, *O*M*A = K.F.C., A-9, the (5), A-10, the (2), A-11, *IRIKOY = Roman Orator, A-12,
the, is to, A-13, to, the, A-14, you (3), A-15, you (3), A-16, but, of, on, A-17, the, th (2), A-18, a, it (2), in (3),
A-19, in (3), th (2), A-20, ic (6), ash, A-21, for, from, A-22, in, ea (3), A-23, ing (2), ou (3), A-24, i-7 A-25, win

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

P-1, need, that, P-2, the (2), P-3, the (3), P-4, the (2), P-5, the (3), P-6, the (3), P-7, the, P-8, the (2), that, P-9,
fly, the, P-10, the (2), P-11, the, which, P-12, th (2), ing (2), P-Sp-1, ma (7), P-Sp-2, ing (2)

MJ A-22. Jungle dinner. K3.　　Carnivorous dog like predator appears in the plaintext.　　　　**OZ**

MJ P-11. On the other hand…..K4.　Title begs the definition of two hand dexterity.　　　　**DYETI**

MJ X-7 ????? Winter window.   Germanic language type.   **LIONEL**

MJ E-7. Null.   Key #2 to happiness.   (the)   **CONFUOCO**
You will find the crib letters (the) in words 6, 7 and 8. Determine a fourth letter position in words 5 or 9 to join the Null sequencing construction pattern with the crib letter positions in words 6, 7 and 8.

MJ E-9. Route Transposition.   Straightforward approach.   (simple)   **APEX DX**
Seven columns, eleven rows with an attitude.

MJ Sudoku Solutions – C-7 – Row 4, **C-Sp-1** – Column 8.   **APEX DX / MARSHEN**

JA A-25.   Xeroxic xeroderma.   K4 (93)   (Eleven x's in plaintext.)   **LIONEL**

JA P-Sp-2. Let 'em wear dark glasses. K4 (99/20) (-CWC-)   **DYETI**
Aversion to fellow man or simply to devious constructors?

JA X-1. French Aristocrat. Burnt out. (English key.) (donner-2)   **BION**
Here is a Xenocrypt that you can almost sight read after the crib placement, with little knowledge of the French language. Placement of the crib "donner" in the only two locations it will fit generates familiar French words such as "les, de, pour, precepts, consoler and exemples," definitely a construction to kick-start one's Xenocrypt solving.

JA X-2. Spanish Aristocrat. An interesting question.   (casados)   **EL CONDOR**
An easy crib placement here and K2 alphabet posting generates these plaintext words visibilities: "En, la, Acapulco, policia, los, que, automovil." Do not neglect K2 keyword posting as you solve for additional letter placement aid.

JA E-3. Incomplete columnar. Birders. ACA and You guidelines limit this Period length.   **D. STRASSE**

JA E-8 Amsco. Nature. (countryside) Period Seven. Crib appears early in the plaintext   **LUIS GIL ESPERT**

JA C-5 Additions. (Two words, 0-9)   **OZ**

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    27 9            27 0
   NEARLY          UNEASY          Determine how the identified number values
    97 07           91 90          are arrived at and complete the solution
 + REFUSE        + FRIARS
   12 2            19 9            S  I  N  _  _  _  _  E  _  R
  INLNFYF          AIRYRY          0  1  2  3  4  5  6  7  8  9
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JA AC-960 Fractionated Morse.   Battlefield Historian. Plaintext begins with a military leader who initiated the use of cryptographic messages from the battlefield.

Cipher Solving Lesson Plans
Aristocrat, Baconian, Bazeries, 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