



Young Tyros Newsletter

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MSCREP PARROT

X-9. Giant Windmills Authorship?

APEX DX Cryptography Insight

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To recognize his 35 years as a member of our ACA, future Newsletters will contain APEX DX’s insight into cryptography through his years of high school, college and university teaching in mathematics and physical science. We begin with this cipher, “One Man’s Philosophy,” for your solving pleasure:

K GJX EBJM K GJX JQL MBJM’H JVV K GJX. *CZCTGT

APEX DX: In my Physical Science Class, I had posted this cipher on the chalk board for an after-class Mathematics’ club, meeting later that afternoon, who had been exploring statistics of letter distribution in newspapers and other prose sources. That afternoon in my Physical Science class an astute young woman student had experienced a “Eureka moment,” calling out joyously and correctly identifying its solution. The joke had to be on me. You don’t pose an Unkeyed, overly brief (33 letter) substitution cipher as necessarily solvable, though this one had been just that. I asked if the MBJM’H had been the elegant giveaway but she replied that the CZCTGT had been her solution route.

Young Tyro Newsletters

In addition to this Senior Young Tyros Newsletters, we have two additional Newsletters published bimonthly for primary and secondary grade students. If you would like a family or friend youngster to receive one of these, please send us their name and E-Mail address.

The Tyro Tutorial, available by E-Mail, has found its hands into some 100 ACA Krewe and another 100 non Krewe members at this time. If you have yet to receive a copy, it is available free by request, with your E-Mail address. It describes the solution process to some thirty different cipher types and includes an appendix with a Railfence Template, Polyomino Congruent Squares by APEX DX, a comprehensive listing of Null variables by BION, an Algorithm process description, Foursquare cipher digraph frequencies by RISHU, use of Google as a solving tool and the use of cryptology to bridge generation communication gaps while increasing a youngster’s mathematical interest.

Free Code and Cipher Books – Place an order. The mailing is also free.

<i>American Magic</i> - Levin	<i>Bacon Bi-literal Cypher</i> - Gallup	<i>Codes and Ciphers</i> – Wrixon
<i>Hitler’s Spies</i> – Kahn	<i>Invitation to Cryptograms</i> – Williams	<i>Kahn on Codes</i> - Kahn
<i>Reader of Gentlemen’s Mail</i> - Kahn	<i>Secret Codes & Ciphers</i> – Kohn	<i>Secret Codes & Messages</i> - Beal

ZANAC’s Gimme a Break – JA Aristocrats (may be digraphs / trigraphs) (1) unless otherwise stated

A-1, that, A-2, that, A-3, your (3), A-4, the, A-5, the (3), A-6, is (2), A-7, that, A-8, the (5), A-9, that, A-10, the (2), A-11, the (3), A-12, the (5), A-13, the, A-14, the (2), A-15, the, A-16, the, A-17, the, A-18, the, A-19, zero, A-20, and, A-21, in (3), A-22, arch, A-23, x = e, A-24, ing (2), ly (3), A-25, ous (3).

ZANAC’s Gimme a Break - JA Patristocrats (may be digraphs / trigraphs) (1) unless otherwise stated

P-1, off (2), P-2, the (2), P-3, the (4), P-4, ing (2), P-5, the (3), P-6, in (2), P-7, er (3), P-8, and (2), P-9, PNBFH = wrong, P-10, FEXAG = rocks, P-11, the (2), P-12, the (3), P-Sp-1, the (3), P-Sp-2, ITCNJITE = requires

MJ. A-23. Wrong conclusions. K3. (94) Google “apophenia” **OBOO**

MJ. P-Sp-1. Giving. K2. (95/22) (AYN) UIB = not **ARDUINNA**

MJ. X-8. Dutch Patristocrat. Chaos or rules? (106) PARROT: Crib extension “geworden niet zozeer” **BARK**

MJ. X-9. Spanish Vigenere Autokey. (gatos) MSCREP: Primer comes to mind of tilting at windmills. **THE RAT**

MJ. X-10. German Swagman. Old paper. (wurde) PARROT: Period Four. Begins “Um sechzehn” **ZSA**

MJ. X-11. French Fractionated Morse. Child’s mind. (l’enfant) PARROT: Begins “Il est beaucoup” **PARROT**

MJ. X-Sp-2. Spanish Unknown. Use exact change. (una) PARROT: Comp. Col., Period 7. **WORD WIZARD**

MJ. E-7. Gromark. Surprisingly appropriate. MSCREP: Crib extension “the Guinness book” **RIG R. MORTIS**

MJ. E-8. Vigenere Autokey. Top secret. (thoughts) **LIFER**

MSCREP: Extended crib “your thoughts” located at ciphertext RVILZOHMHBMT. Four letter Primer Key.

MJ. E-12. Quagmire II. The beauty of the natural world. **DARING FLAIR**

MSCREP: Period Six, extended crib “the greatest effects with the most” at position 38.

MJ. E-18. Ragbaby. Uncommon common sense. (is trying) MSCREP: Begins “When you” **MSCREP**

MJ. E-19. Tridigital. Likes good weather. (rule) MSCREP: Additional crib “the temperature is” **ICECAP**

MJ. E-20. Quagmire II. Outstanding accomplishment. **WORD WIZARD**

MSCREP: Extended crib “gold medal in the marathon as well as both” at position 97

MJ. E-26. Phillips. Outcome unknown. (will look like) Vertical columnar square begins with “J” upper left **BION**

Extended crib “picture will look like” placed under ciphertext CUNSD SCUZH HHYYX BEYC

MJ. C-11. Duodecimal Division. (Three words, 0-B) Three four letter words, 0 = F, 4 = K, 8 = G **LI’L GAMIN**

MJ. C-12. Addition. (No word, 0-9) 0 = U, 4 = P, 9 = I. **ICECAP**

MJ. AC-1225. ??? Corrupt. MSCREP: Four square, extended crib “has been estimated) **EL CONDOR**

MJ. AC-1226. ??? Springtime. MSCREP: Baconian. Begins with trigraph “The” **MANDRAKE**

MJ. AC-1229. ??? Artistic license. MSCREP: Period Six, Swagman, begins “Belgian **APEX DX**

JA. A-25. Video. K4. Few pattern words for YZYRVZKEP, one may tie into construction title. **THE RAT**

JA. P-11. What’s in a name? K4. Calendar months penned from Roman emperor’s names. **WORD WIZARD**

JA. X-7. ???? Turtle power. K2. (128) **TSIOLKOVSKY**

Check constructor’s previous Xenon constructions for language type. Begins “Xe”

JA. X-9. German Morbit. Faust. (fuer) Crib located at position 24, pass 2. Begins, “Was” **GGMA**

JA. X-10. German Incomplete Columnar. An act for the ages. Period Six, begins “In wie” **BION**

JA. E-1. Route Transposition. No alternatives. (word) Column in. Spiral out. **BION**

JA. E-2. Null. Jefferson didn’t. (up) Third column of vertical listing of the ciphertext will prompt some pt. **2KRE8**

JA. E-3. Beaufort. Taxonomical term. (letters) (Period Seven) Begins with common three letter trigraph. **POGO**

JA. E-5. Ragbaby. Time travel causes unemployment? (appearance) Crib placed at end. **DARING FLAIR**

JA. E-6. Railfence. Think thin. Period Five, offsets three. **FLEETFOOT**

JA. E-7. Quagmire I. Live your life. (that it is too) Period Five, begins with common trigraph. **OBOO**

JA. E-8. Incomplete Columnar Transposition. (women) Begins “Only” **HY TIDE**

JA. E-9. Key Phrase. Ratiocination. (however) Crib fits only MMTEAEE, prompts first word “When” **ANGO-KA**

JA. E-10. Morbit. A profound statement. (the-2) Crib at positions 13 and 52. 6 = xx. **HEFF**

JA. E-12. Vigenere. Improve the view first. Period Eight. Crib – that) **CERE E. US**

JA. E-14. Gronsfeld. Walk tall. Period Eight. Begins “one” **THE DOC**

JA. E-16. Amsco. Self-description. (seldom-2) Period Eight. Begins “A limerick” **WORD WIZARD**

JA. C-7. Addition. (No word, 0-9) 0 = A, 4 = G, 9 = M. **ICECAP**

JA. C-9. Sudoku. (Three words*) Solution in top right hand corner 3x3 square. **MANDRAKE**

JA. C-14. Addition. (No word, 0-9) 0 = L, I = 4, Y = B **ALCIBIADES**

JA. C-Sp-1. Duodecimal Addition. (Three words, 1-0) Three four letter words. 1 = T, 5 = V9 = C. **APEX DX**

Sunny Ciphering, **LIONEL**