MJ E-3 – "Little owls?"   **RISHU -** Richly Innovative Solving Help Utility

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Xenocrypt Solving   **RISHU**

If you have never attempted solving a Xenocrypt for fear of not knowing the language, you are performing a huge disservice to yourself. Many of the Xenos on the first page of the column are a lot easier than the Aristos and Pats that cause us so much pain. Necessary tools are at a minimum. Bi-lingual proficiency is not among them. Although a foreign pocket dictionary is helpful, it is not required. Notice that all of the Xenocrypts on the first page of the column are constructed with a K1 or K2 keyword alphabets. Keyword Alphabet analysis is a most helpful asset to use when solving Xenocrypt, Aristocrat and Patristocrat ciphers. (See *ACA and You*, Guidelines, page 26). Other helpful tools are the *Xenocrypt Handbook*, an immeasurable aid as you begin to tackle the slightly more difficult Xenocrypt constructions, Edited and published by PHOENIX in 1996, it is full of instructional material, foreign language word lists, frequency tables and statistical data. Let LIONEL know if you need one and he will attempt to locate a source.

Universal Phoebee Circular Cipher Slide by PHOENIX and HONEYBEE. (Free)

Useful for Beaufort, Gronsfeld, Porta, Portax and Vigenere type cipher solving.

The Tyro Tutorial

This is available at our ACA web site under Resources. It describes the solution process to some thirty different cipher types and includes a Railfence Template, Polyomino Congruent Squares by APEX DX, a comprehensive listing of Null Variables by BION, Foursquare Cipher digraph frequencies by RISHU, the use of Google as a solving tool and Affine & Hill cipher types to stimulate and interest young minds in the mathematical process.

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

Code Busters Club – Warner   Codes *& Ciphers* – Ashton   *Codes & Secret Writing* - Zim
Cryptographic ABC's – B. Natural   *Glossary of Cryptography* – Shulman   *Maze, The* – Nofal & Welhaven
Pioneers in Cryptology - NSA   *Problem Solving* – R. Masterton   *Secret Codes and Messages* – Beal
William Shakespeare, Written by Francis Bacon? – Andrew S. Peck, Review by RISHU

ZANAC's Gimme a Break – MJ Aristocrats (may be digraphs / trigraphs)
A-1, you (4), A-2, that, A-3, you (2), A-4, you (3), A-5, and (3), A-6, ist (2), A-7, the (2), A-8, the (2), A-9, that, A-10, fail (3), A-11, the (2), A-12, the (2), A-13, tell, A-14, the (2), A-15, took, A-16, water (2), A-17, the, A-18, pozole, A-19, which (3), A-20, the (2), A-21, the (2), A-22, is a, A-23, the (3), A-24, is a, A-25, ful (3).

ZANAC's Gimme a Break - MJ Patristocrats (may be digraphs / trigraphs)   (1) unless otherwise stated
P-1, the wicked, P-2, ing (2), P-3, the (2), P-4, the (6), P-5, the (3), P-6, the (2), P-7, the (3), P-8, the (4), P-9, the (3), P-10, that (2), P-11, that (2), P-12, the (4), P-Sp-1, YZVO = cong, Y = c, alliteration, P-Sp-2, QXCBM = yogic.

MA A-24. A slight swimming pool. K2. Key and third plaintext word all about a small bird. **SHMOO**
MA. P-11. Impact. K4. First plaintext word nine letters, two letter "e's." **BARK**
MA. X-11. Catalan Myszkowski. Traveling option. (unllumque) Begins "Es millor" **URKULU**
MA. X-12. Italian Two-Square. Bisogna stare attenti. (sempre nel didietro) Begins "Chi non va" **LIONEL**
MA. E-2. Homophonic. Edited for brevity. (textbook) Begins "A doctor" **H20**
MA. E-5. Keyphrase. Hot tubs too? (laundromat) Begins "Zany" **LIONEL**
MA. E-8. Nihilist Sub. Bard beloved? (mentioned it) PARROT: Period 13. Begin "I remember" **RIG R MORTIS**
MA. E11. Checkerboard. Bodybuilder. (three times) PL WN PA = t, h, r **THE DOC**
MA. E-12. Monome-Dinome. Groundhog Day. (shadow) Begins "A comedian" **WORD WIZARD**
MA. E-13. Morbit. A test of confidence. (unless) Begins "Do not" **HEFF**
MA. E-15. Cadenus. Not a good idea. PARROT: Extended crib "walking around" **MANDRAKE**
MA. E-20. Digrafid. Misguided. (usiestmost competitive) (YBCABF-) **APPLE JACK**
MSCREP: Begins "In all our efforts"
MA. E-21. Foursquare. Can't see the forest. **CONFUOCO**
MSCREP: Extended crib placement: "the trees then names the streets" beginning at ciphertext R WD CR
MA. E-22. Grille. Bet the cows are surprised. PARROT: Extended crib "the world's most" **TSIOLKOVSKY**
MA. E-23. Playfair. A hipster explanation? Extended crib: "single men compete for spouses" **TSIOLKOVSKY**
MA. E-25. Two-Square. Ultimate compliment. (theybecomebyitjoh) Begins "The highest reward" **LIONEL**
MA. E-26. Tridigital. A little Nash Rambler? MSCREP: Sep. = 7. Ext. crib: "noticed anybody" **TSIOLKOVSKY**
MA. C-14. Addition.(No word, 0-9) M = 1, P = 4, A = 7 **WORD WIZARD**
MA. C-Sp-1. Equations. (Two words, 0-9) A – 2, B – 4, s = 8 **THE RAT**
MA. C-Sp-2. Multiplication. (Two words, 0-1) Two five letter words. C = 0, S = 5, Y = 3. **FOMALHAUT**
MA. AC-1311. ??? Physics measurement. MSCREP: Monome-Dinome. Crib: The vacuum energy" **BION**
MA. AC-1315. Quagmire IV. Divinities galore. Crib ext: "tolerationproducednotonlymutualindulgence" **BION**
MJ. A-25. Majestic strides. K2. Trigraph – "wal" – 2. **SHMOO**
MJ. P-Sp-2. Something you ate. K4. Additional crib – "spaghetti" **BION**
MJ. X-3. Dutch Aristocrat. Morning Problem. K2. (hoe) (English key) **BARK**
Parrot: Crib extension: "hoe staan die"
MJ X-7. ???? What you see is what you get. BEWARE OF K-1 KEYWORD ALPHABET. (English Key) H2O
Check out language uses in constructor's former Xenocrypt constructions. Check out pattern CT in English.
MJ X-8. German Patristocrat. How to deal with the future. K2. QZDDRYVLEVYC = bisschen mehr **SHMOO**
MJ. E-1. Numbered Key. Guilty. Crib placement begins at position 59. **CONFUOCO**
MJ. E-2. Vigenere. Warning. (OLCNNYH) Period Eight. Begins "Will" **CONFUOCO**
MJ. E-3. Nihilist Transposition. Athene Noctua. Vertical ciphertext. Look for "little owls". **DONALD DUCK**
MJ. E-4. Swagman. Absolutely remarkable. (struggle) Period Five. "You-4" **DONALD DUCK**
MJ. E-5. Gronsfeld. I don't want to hear that. (between) Period Eight. Begins "An" **OOBOO**
MJ. E-6. Amsco. Computer says no. (really) Period Five. Begins "We" **TSIOLKOVSKY**
MJ. E-7. Baconian. Moral: So feed it. Crib (but) placed at ciphertext BAGGY PATIO PEELS **CERE E. US**
MJ. E-9. Route Transposition. One direction is easy. PARROT: Crib: "Modelers" Ten columns, six rows. **BION**
Spiral in, clockwise, beginning top left. Alternate diagonal, out, beginning bottom left.
MJ. E-10. Pollux. Eliminated traffic jams in 1829. (MNUNYM) Separators, 0, 1, 6 **DARING FLAIR**
MJ. E-19. Railfence. Trigonometric pun. (needed) Rails – 5, offset – 3. Begins "Sine" **WORD WIZARD**
MJ. C-2. Square Root. (No word, 0-1) R = 1, O = 5, W = 9. **ARIES**
MJ. C-10. Addition. (No word, 0-9) P = 2, I = 5, h = 7. **ALCIBADES**
MJ. C-12. Addition. (No word, 0-9) I = 0, E = 3, H = 6 **WORD WIZARD**

Sunny Ciphering, LIONEL