

פימי רב

THE WORK OF  
THE  
JEWISH RABBI

A Particular Labor, communicated to S. M. Belisario, by:

Rabbi ISAAC CALVO of Jerusalem

Communicated to Calvo by a Rabbi at Constantinople

The process was written in good,  
old Hebrew with points.

TRANSLATED BY:

S. BACSTROM, M. D.

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Taken from the notebooks of S. Bacstrom M.D.

1. In one pound of good  $\nabla$  made into  $\nabla R$ , by dissolving gradually 4 or 5 ounces of crude  $\ominus \times$  therein, you are to dissolve 6 1/2 ounces of a GOLD MARCASITE finely powdered.

2. In 1 lib of good pure  $\nabla$  dissolve 4 ounces of fine  $\odot$ .

3. In another pound of the same  $\nabla$  dissolve 6 ounces of purified  $\odot$ . When each is perfectly dissolved, decant the solutions and unite them in a roomy digestion glass, with a long neck, which shut close.

Digest it for a week in a most gentle warmth, so that you can only feel it comfortably warm to the hand -- (say in a temperature of 80 degrees.)

Then distill off the acid gently, until the residuum is left perfectly dry.

Wash it out with warm rain  $\nabla$ , and continue washing and edulcorating it until the  $\nabla$  comes off perfectly tasteless, then dry it in a bason in a sand heat.

The dried mass must be copelled with lead, and the above proportions will yeild about 10 ounces of fine gold of 24 carots.

Remarks;

The success depends on the Marcasite; Calvo said the gold marcasite was sold cheap at Constantinople, and used for mean purposes. He took it to be a red calaminare. It was very



ponderous.

Crude red calaminaris is called gold marcasite by the old chemists and metallurgists. It is a Zink ore, and perhaps East India Zink itself would answer.

Becher also calls native  from Smyrna a gold marcasite.

#### ON ZINK.

Zink was probably THE FIERY DRAGON of MORAS DE RESPUR, who was a contemporary and an intimate friend of DR. WINTHROP, who employs the same figure in his IRENAEUS PHILALETHA, calling his subject, the FIERY DRAGON two or three times. In page 75 he says "yet it has a resemblance to gold" and calls it OUR GOLD. Henkels Pyrotologia is worthy of perusal on this account.

Zink when in fusion has the property of exhibiting the same Emerald colour that gold does - a property possessed by none of the other metallic substances, and therefore Irenaeus says "it has a resemblance with  ." Zink is therefore called the fiery dragon, while  is called the RED LION, THE RED MAN, THE KING.

The author of ALCHYMIA DENUDATA, a Count of the German Empire relates from his own knowledge an experiment which deserves attention, and which was repeated by another author who concealed his

real name and published his works under that of AB INDAGINE, i.e. THE ENQUIRER, or FROM ENQUIRY. They both affirm this:

"Zink is a wonderful subject. When in filings it amalgamates quickly and kindly with pure ☉, even cold, merely by rubbing the two together in a glass mortar. When the ☉ is sufficiently loaded with zink put the ā ā ā into a glass retort which bury deeply in sand and distill the running ☉ from the zink into a receiver half filled with ▽. The zink that remains behind will be like white ashes. Dry the mercury and squeeze it through leather.

Amalgamate the same ☉ again with a fresh quantity of zink filings (if you heat the glass mortar the ā ā ā will be sooner made). Distill the ☉ off as before and press it through leather.

I repeated this operation 4 times (says the Count of the Empire), and then found that by evaporating a small quantity thereof in a silver spoon, over a charcoal fire, that the inside of the spoon was as finely gilt as it could have been with ☉ itself, only that the gilding had not so deeply penetrated into the pores of the ☾, being a volatile and not a fixed gold.

This experiment is of the first consequence, as it opens one of the darkest passages in IRENAEUS PHILALITHES Secrets Revealed, and furnishes us at once, with very little labour or expense, with a highly animated Sophic ☉".

AB INDAGINE says "I advise you to prepare a golden net for this philosophical bird."

By this it appears that the Philosophers - volatile, incorporeal mercurial  $\odot$  lies concealed in the mercuries of all the metals. Zink is nothing but a coagulated MERCURIUS METALLORUM, which in its primitive state was a mercurial or arsenical vapour in the mines - then became  $\circ\circ$  and lastly ARGENT VIVE, the matter passive or body of all the metals.

Hence we have every reason to believe that such an HIGHLY ANIMATED MERCURIUS ZINCI, strongly impregnated with the MALE METALLIC SPERM, the volatile philosophic  $\odot$ , is alone sufficient for the production of the LAPIS, and this I believe is the short way of Irenaeus Philaletha, with OUR  $\odot$  in OUR  $\text{♀}$ . p.65, 75, 77.

Another question arises here, namely, whether a  $\text{♀}$  VIVE already charged with volatile  $\odot$ , obtained from Zink, is a better solvent for common pure  $\odot$  for the work of Bernhard Count Trivsan than a  $\text{♀}$  or argent vive, purified otherwise without the addition of that volatile  $\odot$  ?

S.B.

Note- Here is a note in the margin that seems to me to be very interesting- "One ton of Zink, to 9 tons of water, 1 1/2 tons of oil of Vitriol produces 22000 cubic feet of Hydrogen gass, - which is 7 times lighter than atmospheric air."D.H.