

Operational Civilization 3

(1)

It was at Toronto that economic history branched

~~away~~ to embrace this question: What

(A) is the effect of communication — oral, and or otherwise

(B) written or personal — on culture traits?

(1) Economic facts may be causative, or

(2) economic facts may be resultants,

(3) economic facts may be both or

in some cases neither. employed by

This framework was filled in

with the most surprising results.

by the approach of the major of the field

was given to is the real scope of

its relevance appeared at his hands.

What does economic prehistory

add to this picture?

Civilization and history

begin for us at the same time.

Such a coincidence arouses suspicion.

As a matter of fact

Civilization should not be limited

to what we happen to know of it

because it managed to skip a note

leave a note for the milk man the crime whether

Prehistoric trade and proto-literature got the man out!

administration of Peru the 18th century stand out as a warning.

The main fact is in absence of writing;

appears to be: There was no civilization and oral

communication was supplemented by operational

devices.

(1) primitive economics

(a) special purpose moneys

(b) operational devices

(c) treasure goods

(d) equivalencies via operational devices

(2) antiquity

(a) equivalencies
substitutes

(taxation)

(Compensation:
rationing
+ damages)

(b) storage economy

accountancy in
kind

fixed proportions

(c) separation of trade
and markets

Operational Civilizations

①

For no history without literacy and no civilization without literacy
 Consequently, no civilization without literacy

It was at Toronto that economic history acquired a new dimension. It now comprised the question: What is the effect of communication — oral, written, or pictorial or otherwise — on culture traits — always keeping in mind that (a) economic facts may be ^{the} conditioning or causative; (b) they may be ^{the} conditioned or resultants (c) maybe both or neither —

Such a ~~frame~~ frame of reference, as I understand, was employed by Lewis with the most ^{great effects} impressive results. The ~~view~~ view of the field was given set by the approach; its ~~the~~ vast scope ^{of} appeared and impressive relevance at his hand.

Now, what does ~~some~~ ^{some} recent research in economic prehistory add to ^{This seems almost a contradiction in terms} the picture of civilization and history — an obvious fact ^{begin} Both are conditioned by a definite form of communication. ^{for us at the same time} It suspicious coincidence. It causes that civilizations ^{are} by definition limited to ^{about them} what we happen to know of ^{from their own testimony} — so to speak because ^{they} happened to leave a note for the milk-man!

Prehistoric trade and proto-literate
administration stand out as a
warning. (Fern and 19th century)
Bahomby, et.

The main facts appear to be. There is
civilization in absence of writing.
Oral communication was supplemented
by operational devices. These are
~~the devices~~ ^{simple} patterns of action producing
resulting complex results without the
intervention of ~~the~~ ^{the} ~~pre~~ corresponding
advanced mental techniques. Rather the technique is
either manual ~~or~~ organizational. It
consists in ^{the} physical or social arrangements.
Both mathematical operations performed
by operational devices such as the
abacus or the slide rule. ~~civilizations~~
familias. In operational
military, ~~the~~ administrative ~~and~~
and were attained ~~through~~ economic

Such operational devices are not unknown
in our own civilization. We are familiar

~~gadgets~~ with the help of our gadgets. It
was a push button civilization of a
primitive sort. "Early gadgets civilization"

I will give a number of
instances. We must keep in mind that
~~absence of literacy~~ writing is unknown:

Instances

- (1) National Census; economic controls,
the adjustment of taxes, wages, rents,
prices of necessaries; foreign trade
(2) rates; retail spans; wholesale
and middleman; forms of
transactions; money uses;
labor organization of public works,
and numerous other economic
matters of import & complexity -
each and all deftly resolved
through some "short cut" in ~~man~~
Whether the basic organization of
society forms part of the state
or reliance is solely on the
→ gadget, need make no diffe-
→ rence.