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What Makes A Civilisation: Prehistoric and Old Kingdom Egypt, Characteristics Of Complex Society

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The theoretical groundwork that is required to fully interpret the primary evidence for society; sustenance - shelter - supportive groups - communication - preservation - materialism - technology - surplus - continuity - predictability - competition, provides evidence for both ostentatious horror show and divine stormy affairs.

As identified by Petrie (1892) at Meidum, acclaimed through the discovery of the red granite sarcophagus of Huni (serekh name: (contested) Hor-Qahedjet - Cairo Museum JE 41556) is located within the mausoleum southern section of the tripartite inner chamber and is comparable to the later binary emergence that is further propositioned through the Ben Ben capstone (Cairo Museum JE 41556) of the Red or Northern Pyramid at Meidum, north of the Giza plateau during the reign of Sneferu, his son (reigned c.2613-2589). The tomb nucleus is constructed from Tura limestone blocks of between 8-35 tonnes as is the first evidence for the use of the planar spiral, identified by the monumental corbell vault ceiling.

The significant monumental architecture is predated by the Saqqara step pyramid of King Scorpion (Djoser - serekh name: Netjerikhet) considered to be the formulate baseline for the later mastaba tomb complex as propositioned by Reisner and Fischer at Qusna (mastaba tomb context z500). This structure is assembled from green-black Nilotic mud brick, and the disambiguous factors - as alkalinity (pH) and reciprocating acidity (pOH) are relevant contexts in accord with Childe's historic ten point model (1950:1). How are the correlating facts for binary emergence composed?

However, the observable social paradigm relating to pigment use has to be considered as a prothesis fundamental, in accord for the conspicuous use of natron and malachite, as exemplified by early dynastic Abydos. As the primary evidence for optical activity is inexorably linked to the predictive sciences (see: Russell and Wiedemann in Flinders Petrie et al 1882, 41-5) by understanding powerful common points of fundamental reference (model 1) - unitary transformation thereof the holotype is made clear through the hard evidence for semi-permeable pigment types, and is widely considered to be of value to assessing the selective use of malachite, natron and other iridescent lacquers.

This definitive evidence for optical activity is first administered by prehistoric affordances, such as the schist or breccia stone Narmer palette discovered by the ERA (Egyptian Research Account) pioneered Quibell and Green (1897-8) at Nekhen in upper Egypt. The evidence for the conspicuous emergence of ocular motifs and animistic hieroglyphs and later (Middle Kingdom) hieratic glyph types, requires that the architectural sequence thereof precinct and temenos enclosure monumentalism is to be carefully observed and considered at Abydos, Elephantine, Hierakonopolis and transitional Tell Ibrahim Awad (After: Jeffreys (1997) by Kemp (2000) in Kemp 2006).

Exactly what makes a civilisation - the evidence is arguably caused into effect by life enhancing changes, most likely in dextrose and other kinetic factors (Petrie et al 1882,21). This distinctive evidence for the actuality of fundamental basics of interpretation (Figure 2), such as the evidence for temperate motivation, conceptualises representative authoritarian measures (Trigger (1980) 2006:2) Thus, as the evidence for currency in prehistoric and Old Kingdom Egypt is administered through biannual evidence for cattle census and taxation (see: Instructions Of Kagemni in p.Prisse 1854:5) the evidence for electoral advantage (Childe 1923,70 by Trigger 1980), identifies competing plans and strategies for organic social quality, for example agrarian and healthcare reforms (see: Huni - (Njswt-Hw) the last Pharaoh of the Third Dynasty c.2686-2181 BC) in The Maxims Of Ptahhetep (Vizier of the Fifth Dynasty) by Prisse 1854)

Model 1 Parseval's 'iridescent' Theorem (1799)

'That the sum or integral of the square of a function is equal to the sum or integral of the square of it's transform'

As propositioned by item 4 (Distinguishing Monumentalism) of Childe's 10 point model and item 6 (writing - divination) the alabaster false door stela discovered by Gautier and Jequier (1885) that is located south of the the Middle Kingdom pyramid complex at El Lisht, excavated by Maspero In 1882 - 85, yields insightful transliterations.

As the accumulation of agrarian surplus (item 9: long distance, regular foreign trade) constructs the evidence for residence and state formation (item 10), exactly how are these institutions conceptualised?

The throne name of Senusret 1 (Nefer - Ka - Re) makes sense of the distinctive later prehistoric - to Old Kingdom stone work guilds (item 8 - conceptualised and sophisticated styles of art) as retained within the architectural monument inner nucleus. This unifying political entity is adjoined to signifying motif types, such as the resonate Atef crown type, and is arguably objective evidence for the national character. Thus, this particular dualism (Trigger 1990), as propositioned by the lion god Aker and leonine goddess Maat at El Lisht and elsewhere projects the subjectivity of the crown motif as a characterisation thereof arbitrary choice, and usefully administers access to visible differentiations as deterministic controls, further correlated by the comparative methods of 'the constellation of authority'. Sherratt (1997)



Figure3 Interpreting serialism (item 7: the elaboration of distinctive sciences) through longitudinal data (spectrometry - chromatography). The orientation and placement of this particular viscera sample (Petrie 1901) and gold foil samples from Meidum Mastaba 17 (Petrie et al 1882) is contrasted against the colour pigment finds from Mastaba 16 (Nefermaat & Atet). rediscovered by Mariette (1871-2) and is further correlated against other observable archaeology significant historic features such as the Northern pyramid temenos (south aspect) cut and relevant northern temenos tomb (by kind permission: Stevenson et al The Petrie Museum (UCL) 2002-19)

This significant evidence predates the canopic jar equipment of the later Old Kingdom period as observed by Petrie in 1901 (1882), 1923:3) and is therefore the first evidence for this type of votive placement.

Further ideological representations include the materialisation of the east aspect placement of the Ka chapel, usefully connecting valuable pOH (phosphates) and elevated Nitrates data as induced by the helical rising of Sirius and other dualistic factors, such as the south east aspect of the commemorative precinct (see: Russell in Petrie, Griffiths, Wiedemann, Russell and Crum (3):1923,44-5) - impacting positively on observable evidence for agrarian reforms.

As Childe's vast functionalism identifies ten modes and six changes or revolutions in society, clearly there are three substrate systems (1936, 1942) that requires serialism as an interpretative modus operandi, identifying what makes a civilisation as characteristics of a complex society.

Word count 1045

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