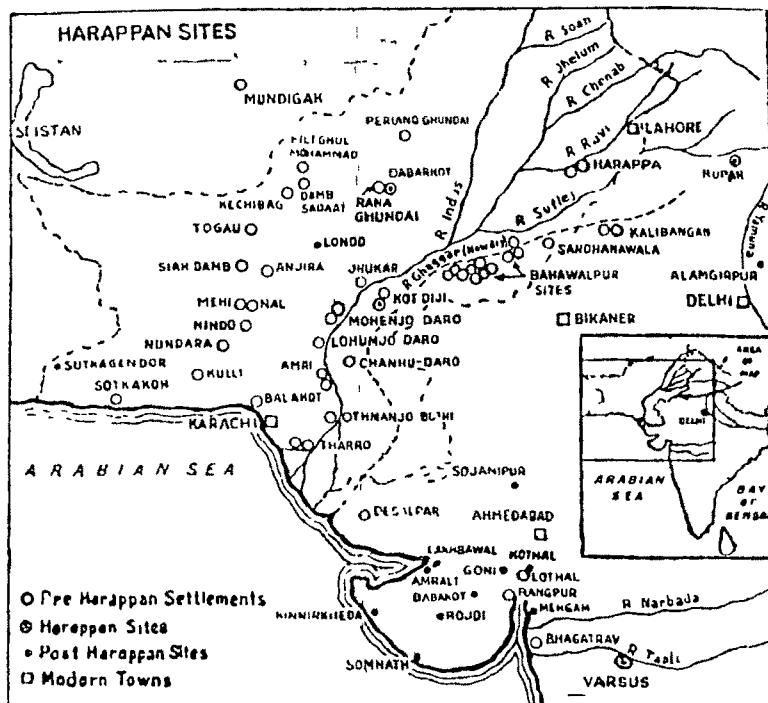


## LIST OF FIGURES AND CHARTS

1. Map showing important Harappan sites with pre and post Harappan elements
2. Map showing extent of Harappan culture - Urban and Rural(?)
3. Map showing Ancient tribes and Chalcolithic Neolithic culture pattern of India
4. Map showing Crops and cultures
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- 5(b) Map showing area of spread of Late Harappan - Lustrous red ware; Malwa ware; Jorwe ware
6. Map showing possible assimilation and dispersal of late Harappan - Malwa - black and red - Jorwe chalcolithic - cultures
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12. Chart showing chronological position of neolithic and chalcolithic cultures.
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14. Comparative study of percolation of a unique symbol from Harappan times to present day customs.
15. Copper Anthropomorphic objects of chalcolithic period compared with similar figure on Megalithic burial - A ritual link ?

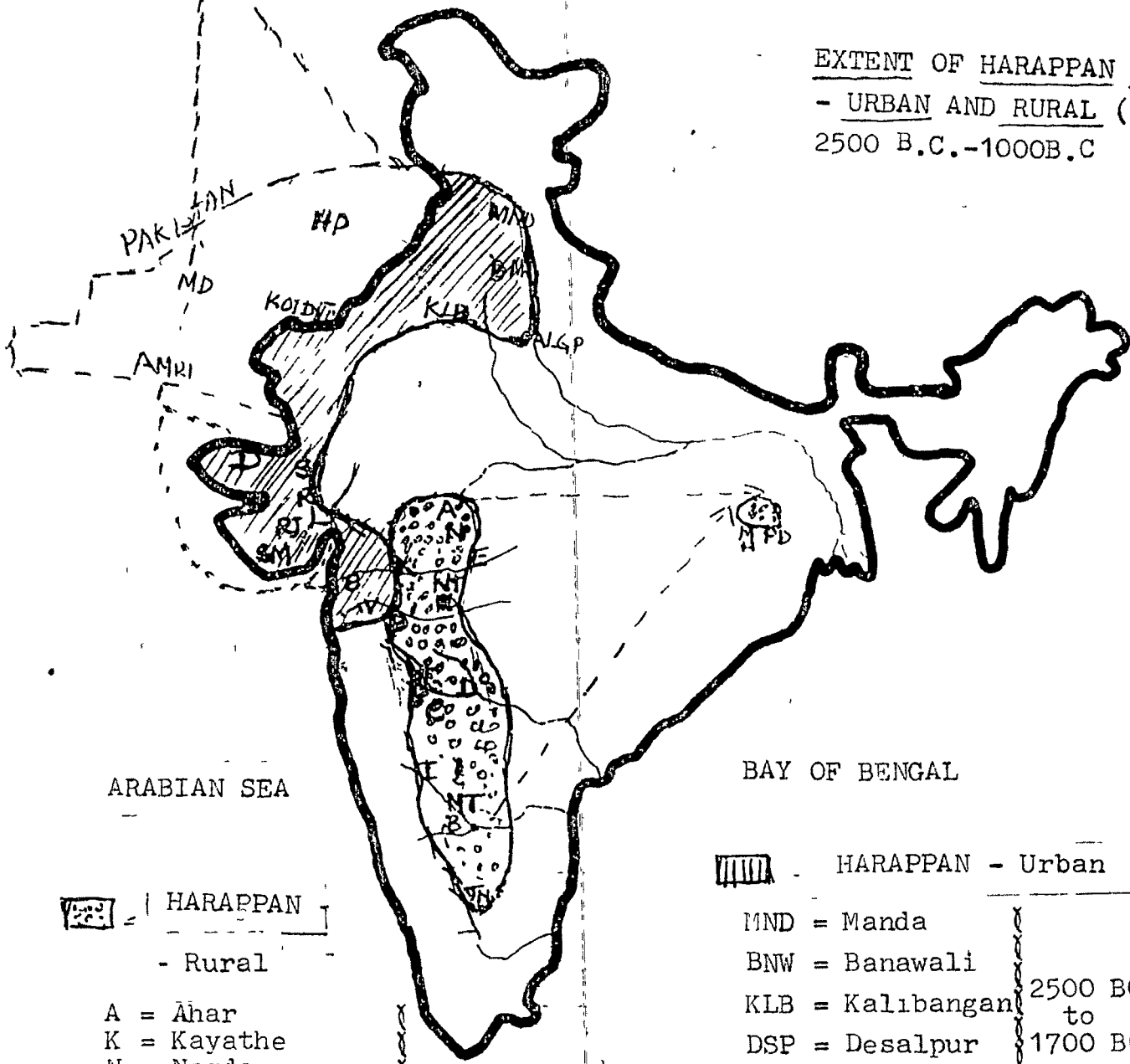
\*\*\*\*\*



**Important Harappan Sites with pre and post Harappan elements.**


Russia  
Amudarya  
Sukhtakoh

EXTENT OF HARAPPAN CULTURE  
- URBAN AND RURAL (?)  
2500 B.C.-1000B.C



ARABIAN SEA

BAY OF BENGAL

 HARAPPAN  
- Rural

 HARAPPAN - Urban

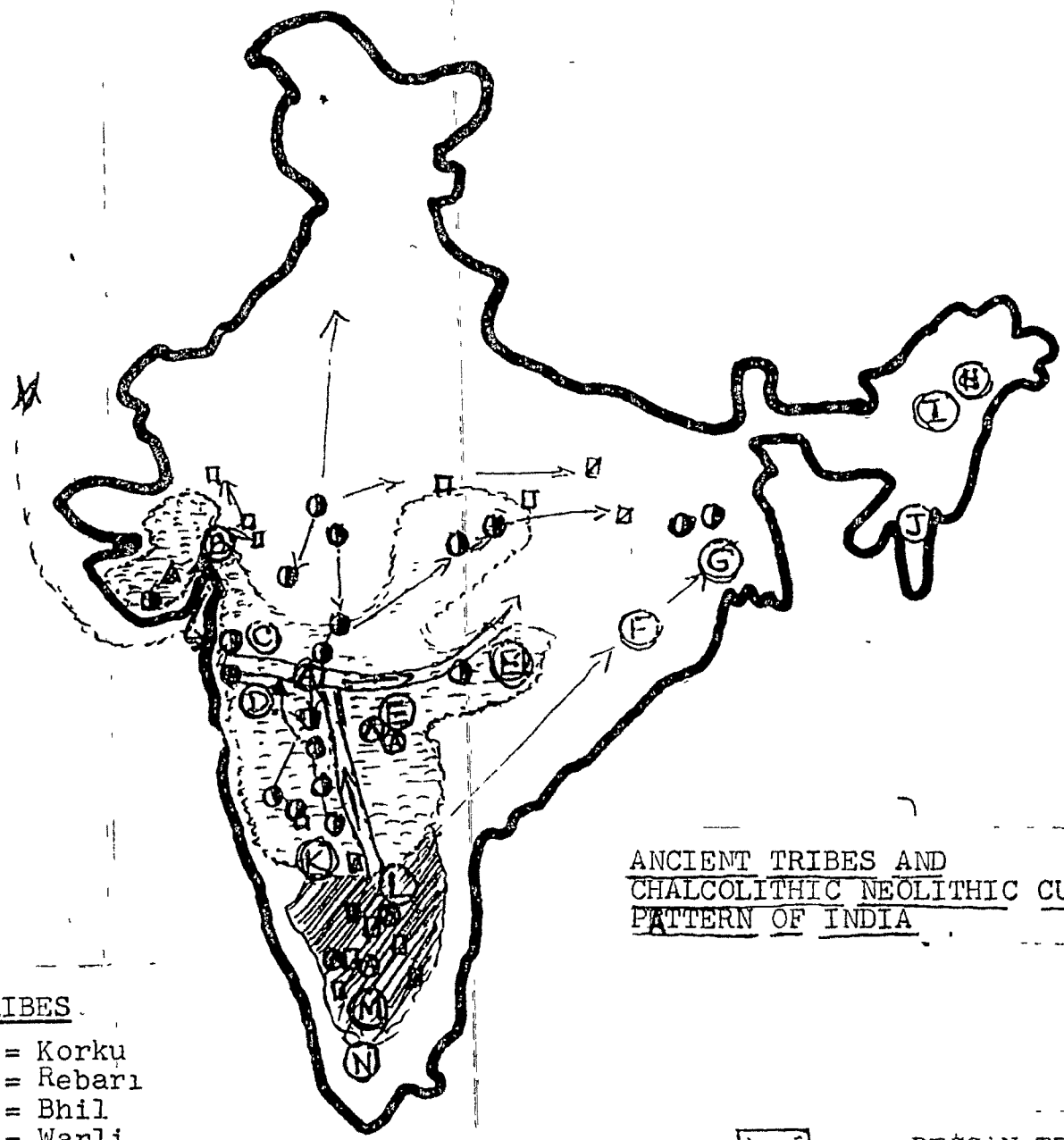
- A = Ahar
- K = Kayathe
- N = Nagda
- E = Eran
- NT= Navdatoli
- V = Varsus
- P = Prakashe
- D = Daimabad
- C = Chandoli
- I = Inamgaon
- M = Maski
- T = Tekkalakota
- B = Brahmagiri
- TN= T.Narasipur
- IH=Mahalsdal
- PD= Pandurajardibi

- MND = Manda
- BNW = Banawali
- KLB = Kalibangan
- DSP = Desalpur
- SKD = Surkotada
- L = Lothal
- R = Rangpur

2500 BC  
to  
1700 BC

1700BC  
to  
1000BC





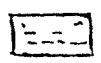
ANCIENT TRIBES AND  
CHALCOLITHIC NEOLITHIC CULTURE  
PATTERN OF INDIA

TRIBES

- A = Korku
- B = Rebari
- C = Bhil
- D = Warli
- E = Gonds
- G = Santals
- G1 = Jung
- H = Naga
- I = Mikir
- J = Mizos
- K = Dhangar
- L = Lambani
- M = Toda
- N = Kadar

SITES

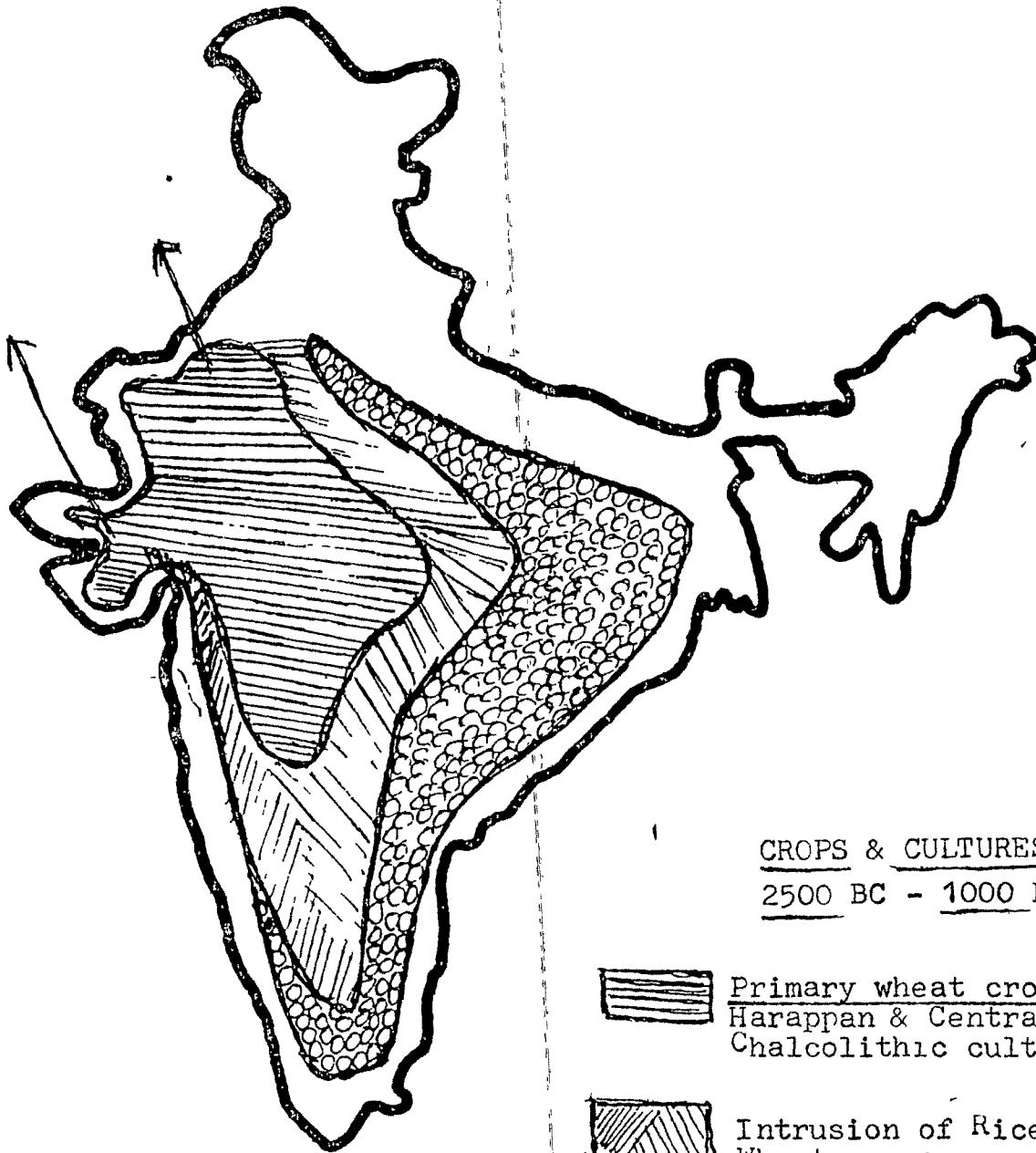
- ▲ = Harappan
- = Chalcolithic
- = Early Neolithic
- ◻ = Chalcolithic-Neolithic
- ⊙ = Chalcolithic-Negalithic





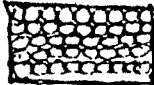
DECCAN TRAPS  
Black soil



ARCHAEN RED SOIL



CROPS & CULTURES  
2500 BC - 1000 BC

- 
 Primary wheat crop  
 Harappan & Central Indian  
 Chalcolithic cultures
  
- 
 Intrusion of Rice into  
 Wheat crops  
 Late Harappan & Chalcolithic  
 culture
  
- 
 Primary Rice Crop  
 The Deccan Chalcolithic  
 Neolithic, Megalithic  
 Gangetic. Neolithic and  
 Chalcolithic culture

NEOLITHIC  
AND  
CHALCOLITHIC SITES  
OF  
INDIAN SUBCONTINENT



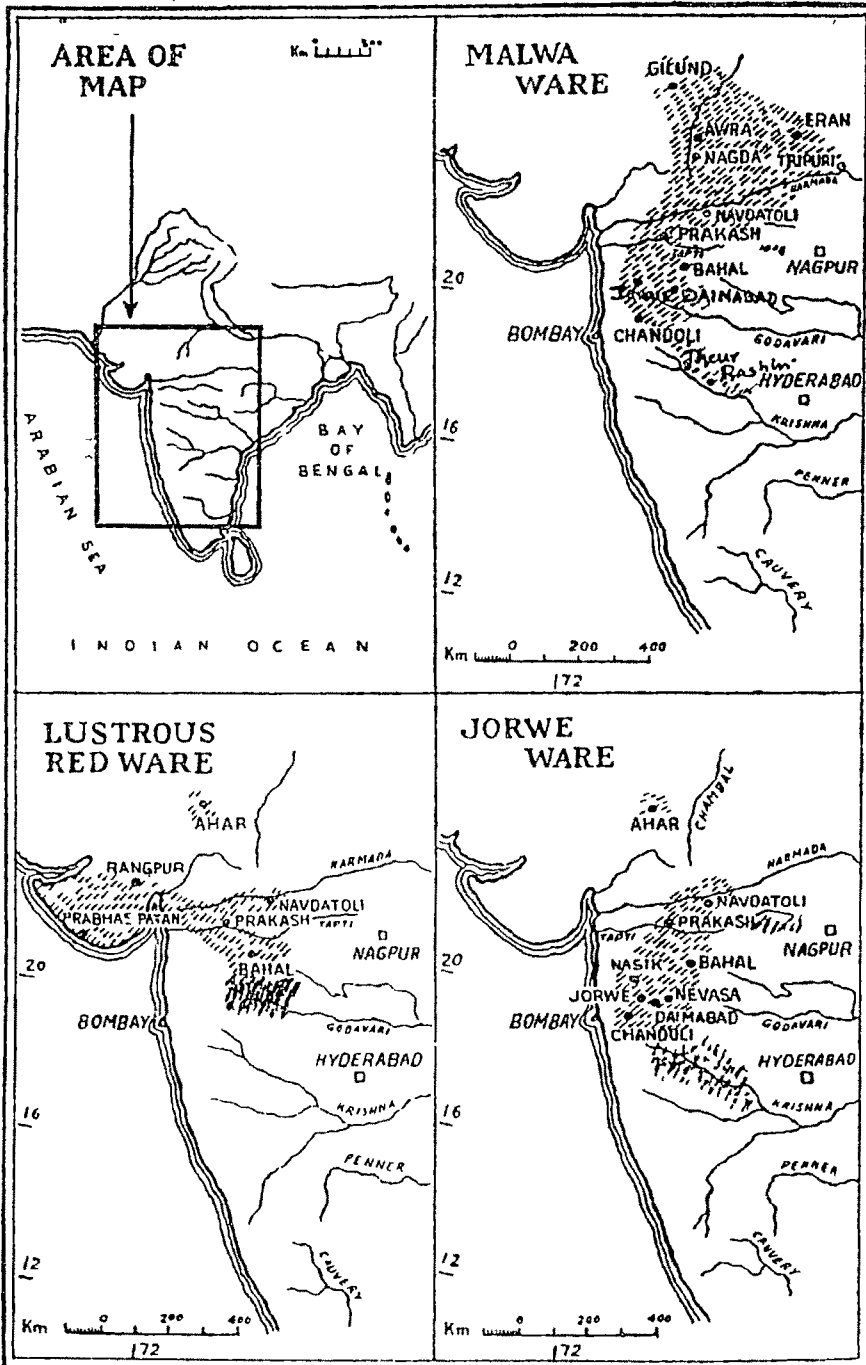




FIG - 1

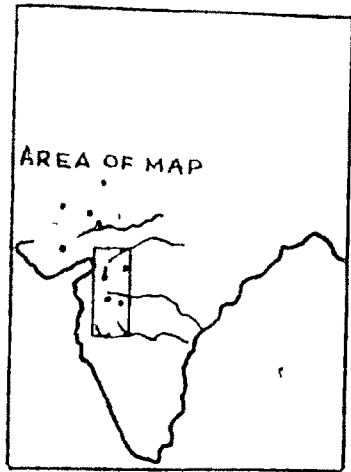
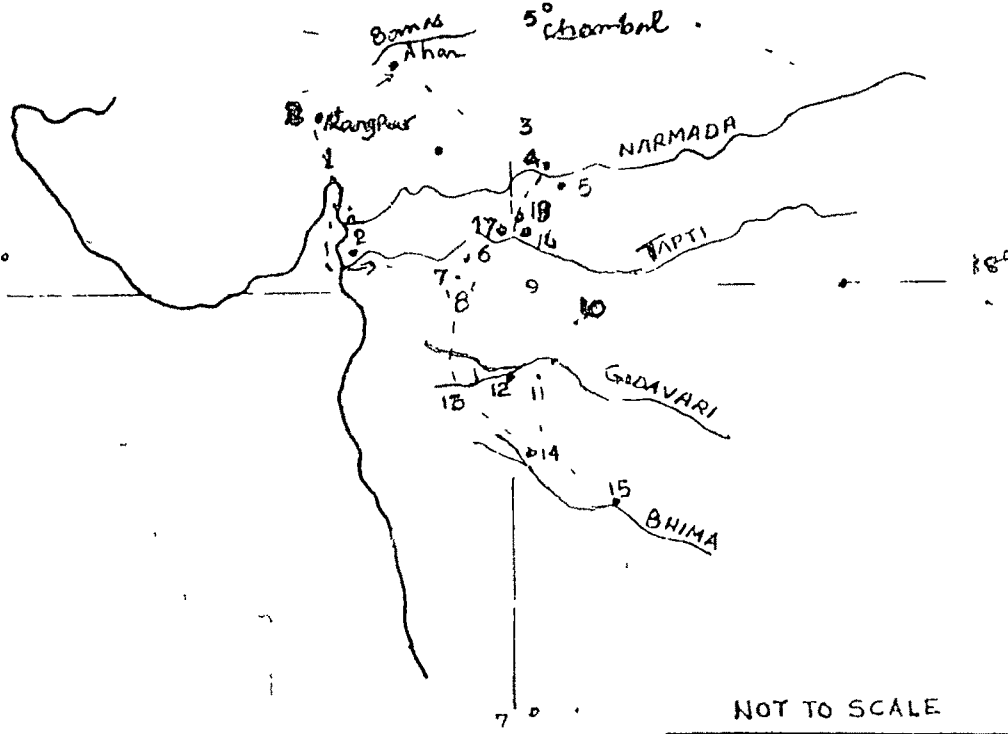


FIG - 2

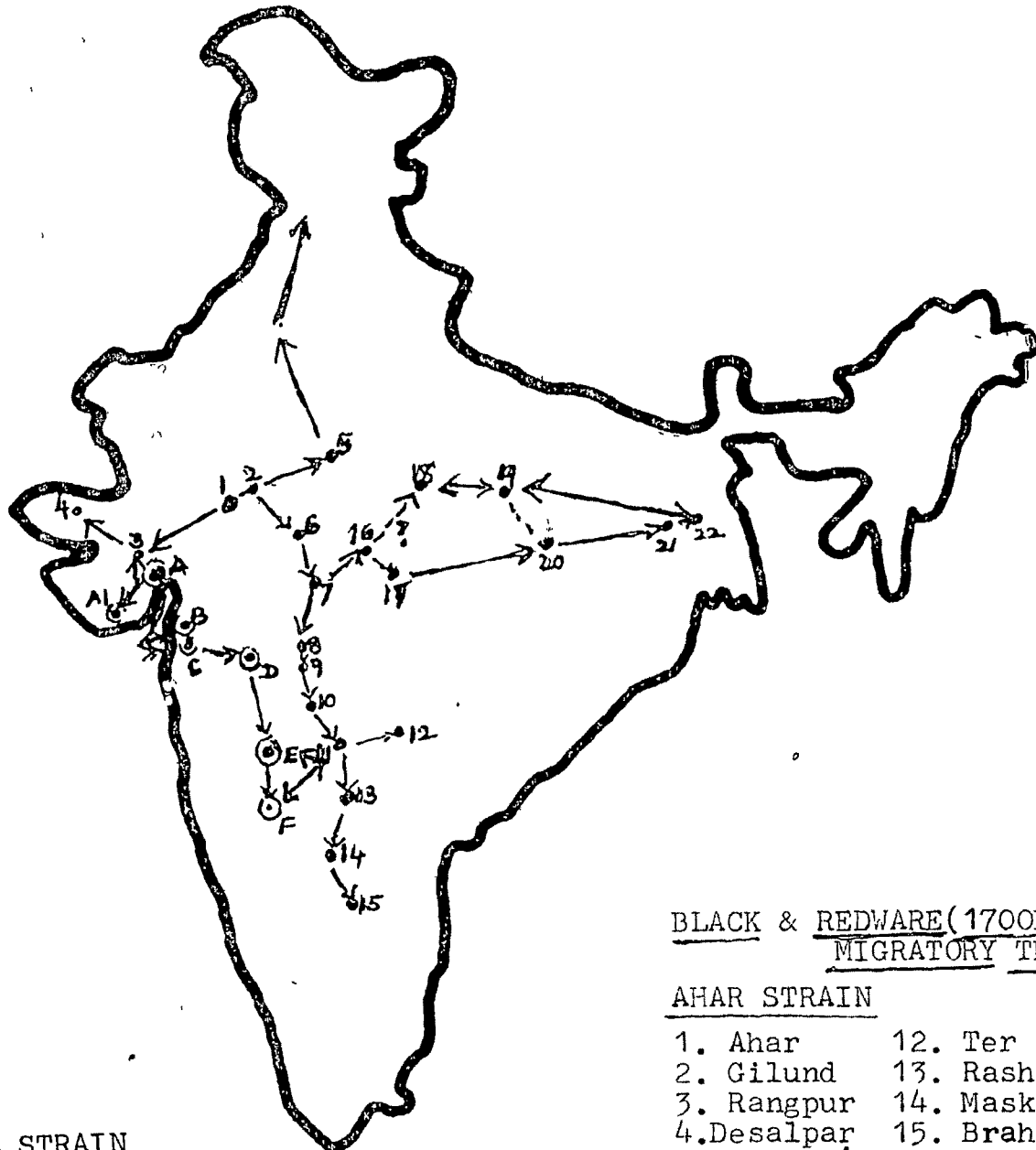
FOCUS ON POSSIBLE ASSIMILATION DISSEMINATION  
LHP - MALWA - B R - JORWE CHALCOLITHIC CULTURERS



INDEX

- 1 LOTHAL - (GUJRAT)
- 2 BHAGTRAY - (NARMADA)
- 3 KAVATHE - ( — " — )
- 4 MAHESWAR - ( — " — )
- 5 NAYDATOLI - ( — " — )
- 6 VARSUS (TAPTI)
- 7 METHI ( — " — )
- 8 KHOLAJ ( — " — )
- 9 PRAKASH ( — " — )
- 10 SAVALDA ( — " — )
- 11 DAIMABAD (GODAVARI)
- 12 FATYABAD ( — do — )
- 13 JORWE ( — do — )
- 14 INAMGAON (BHIMA)
- 15 RASHIN ( — do — )
- 16 BORAYAL - (TAPTI)
- 17 VIRAVLI { — " — }
- 18 DHANORA { — " — }

16-18 discovered in 1938



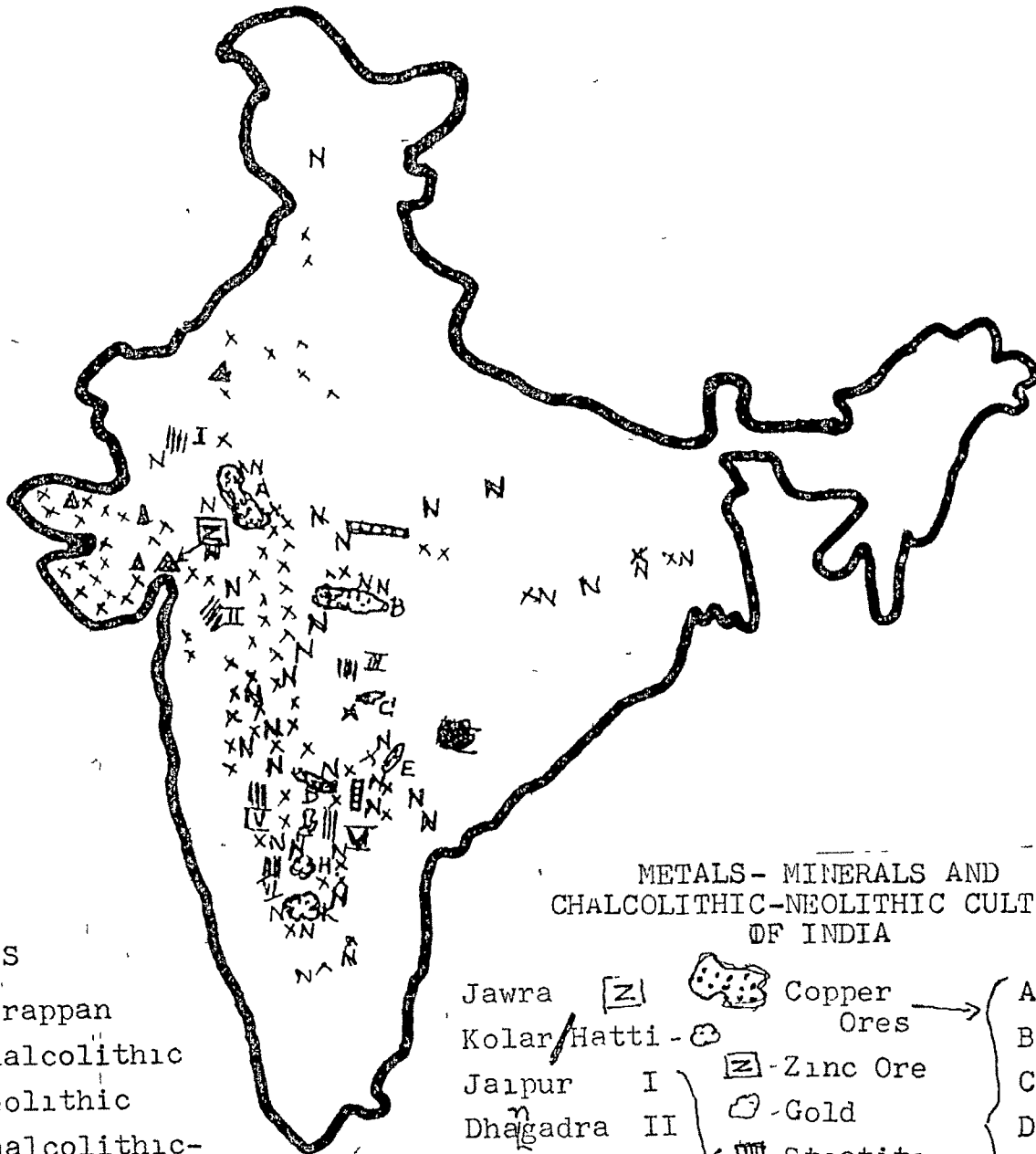
LOTHAL STRAIN  
2500BC-1300 BC

- A = Lothal
- AI = Prabhas Patan
- B = Mehgam
- C = Bhagatrav
- D = Varsus
- E = Chandoli (Mixture)
- F = Theur

BLACK & REDWARE (1700BC-1000BC)  
MIGRATORY THURST

AHAR STRAIN

- |                 |                   |
|-----------------|-------------------|
| 1. Ahar         | 12. Ter           |
| 2. Gilund       | 13. Rashin        |
| 3. Rangpur      | 14. Maski         |
| 4. Desalpar     | 15. Brahmagiri    |
| 5. Atranjakhara |                   |
| 6. Nagda        | 16. Eran          |
| 7. Navdatoli    | 17. Tripura       |
| 8. Boraval      | 18. Kausambi      |
| 9. Prakashe     | 19. Chirand       |
| 10. Bahal       | 20. Sonpur        |
| 11. Daimabad    | 21. Mahisdal      |
|                 | 22. P. Rajar Dibi |



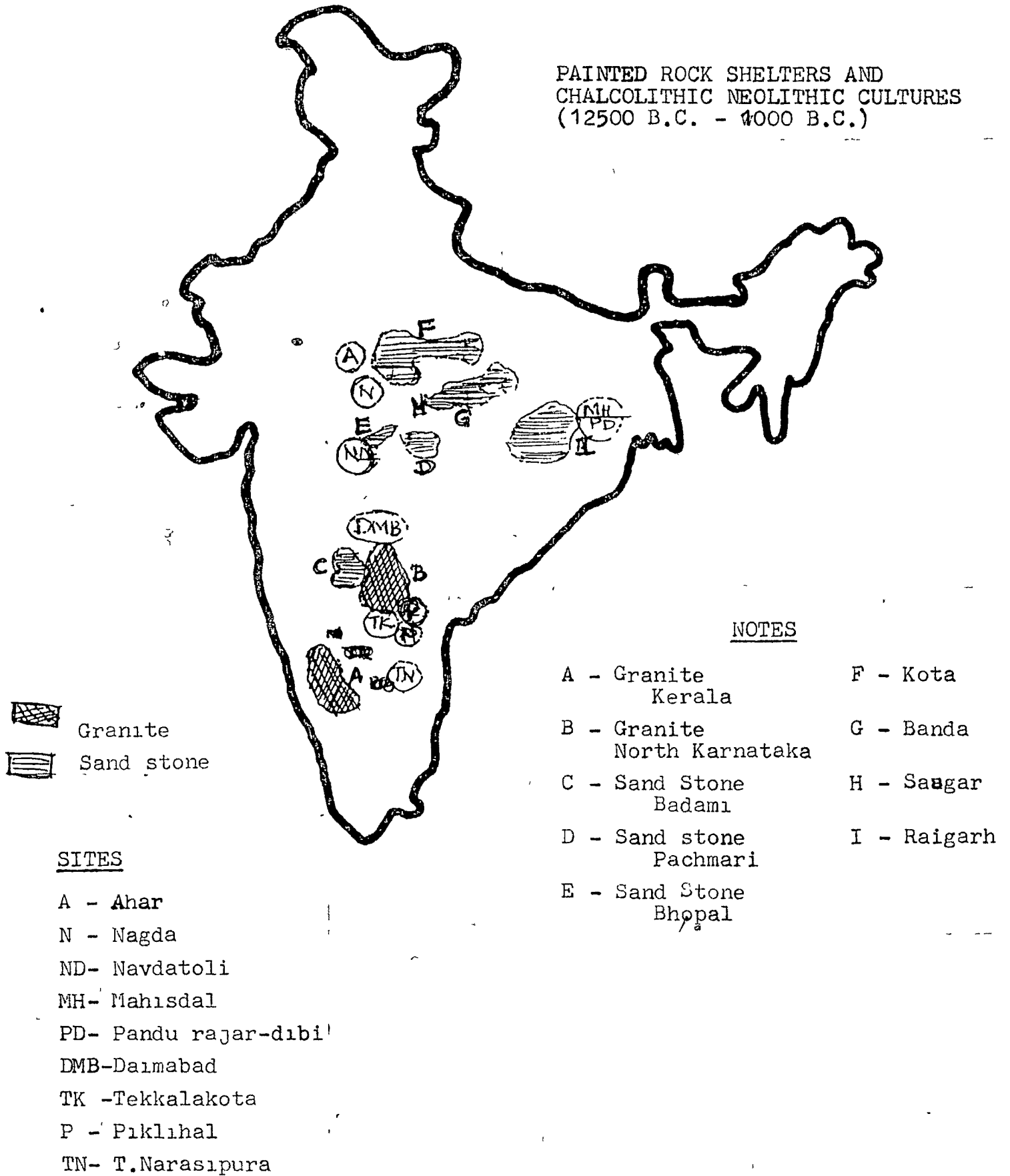
METALS- MINERALS AND  
CHALCOLITHIC-NEOLITHIC CULTURES  
OF INDIA

CULTURES

- ▲ = Harappan
- x = Chalcolithic
- N = Neolithic
- xN = Chalcolithic-Neolithic

Jawra	[Z]	Copper Ores	A=Khetri B=Balaghat C=Chandrapur D=Kallur E=Nellore F=Ingaldhal
Kolar/Hatti	[G]	Gold	
Jaipur I	[Z]	Zinc Ore	
Dhagadra II	[G]	Gold	
Bhandara III	[S]	Steatite	
Ratnagiri IV	[C]	Chert	
Kurnool V			
Hassan VI			
		Banda Mirzapur	
		Bagalkot Anagawadi	

PAINTED ROCK SHELTERS AND  
CHALCOLITHIC NEOLITHIC CULTURES  
(12500 B.C. - 4000 B.C.)



Comparative study of Harappan signs

Harappan signs								
Brahmi alphabets								
Meaning	ba	a	ga	tha	ya	ta	ma	sha
Potter's mark								
Harappan signs								
Easter Island Script								
Harappan Script								
Graffiti, Painting on Pottery & Rock painting in Central India & the Deccan								
Lothal: (top level) Inscribed Potsherd IAR: 57-58 (PI XX-4)								

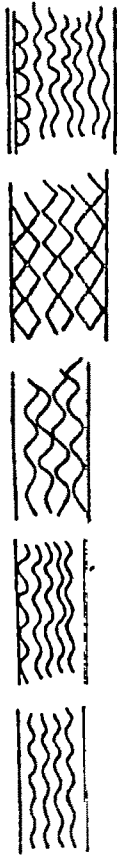
COMPARATIVE CHART FOR PAINTED DESIGNS ON HARAPPAN & CHALCOLITHIC SITES

WAVY AND ZIGZAG LINES

PRE-HARAPPAN



AMRI

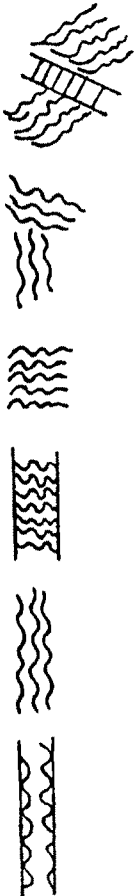


KOT-DIJI

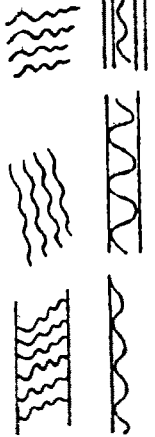
HARAPPAN



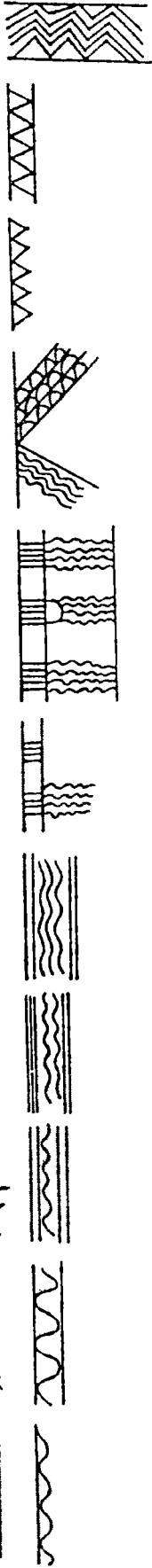
MOHENJO-DARO



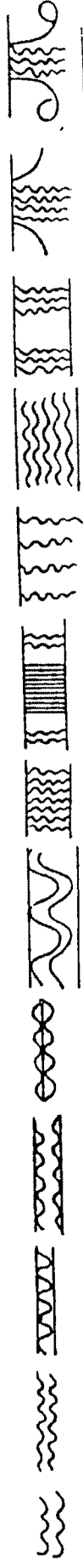
CHANHU-DARO



HARAPPA



LOTHAL A

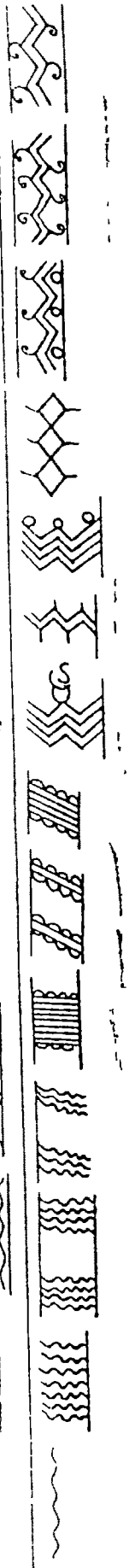


LOTHAL B

LATE HARAPPAN



RANGPUR



MALWA-WARE

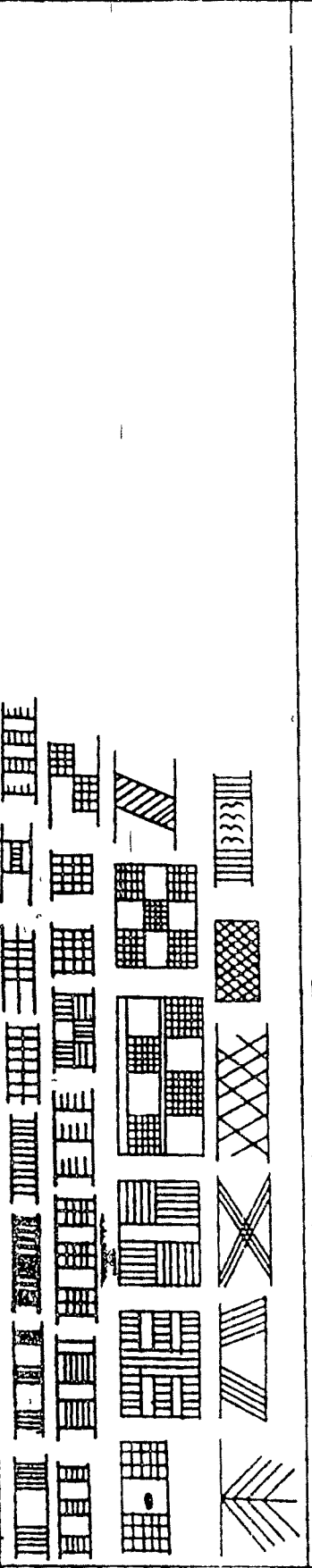


JORWE-WARE

STRAIGHT-LINE COMBINATIONS

II

PRE-HARAPPAN

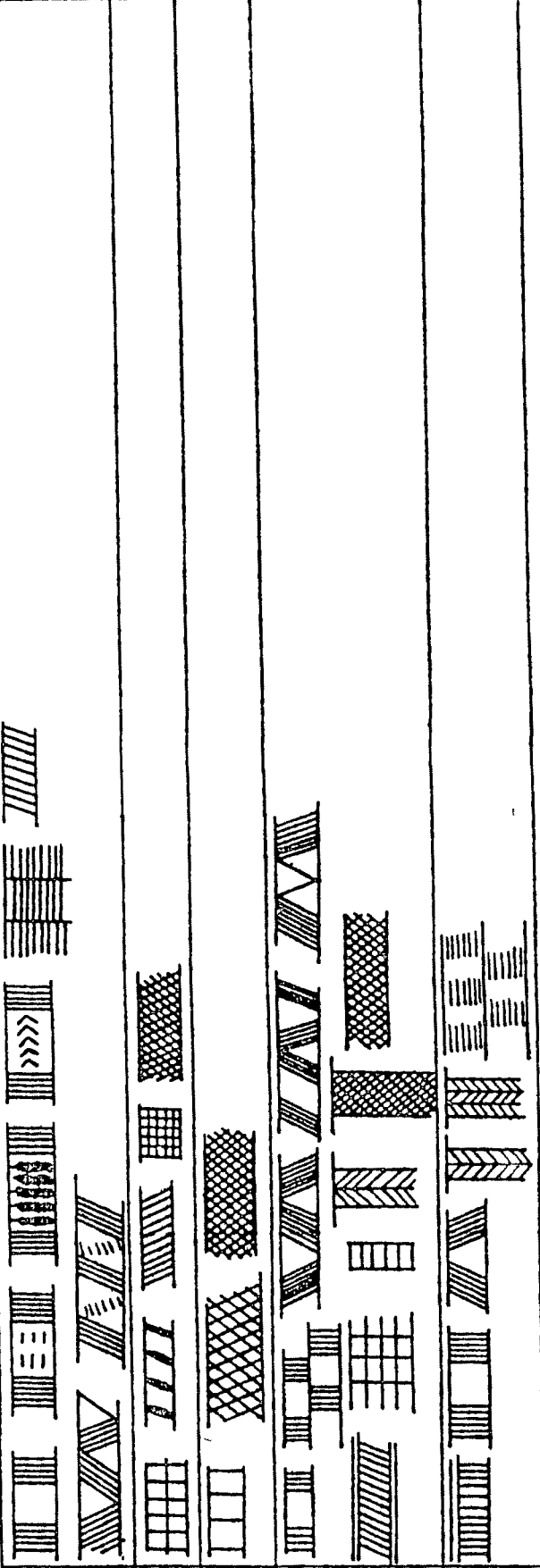


AMRI  
KOTDIJI

KALIBANGAN



HARAPPAN



MOHENJO-DARO

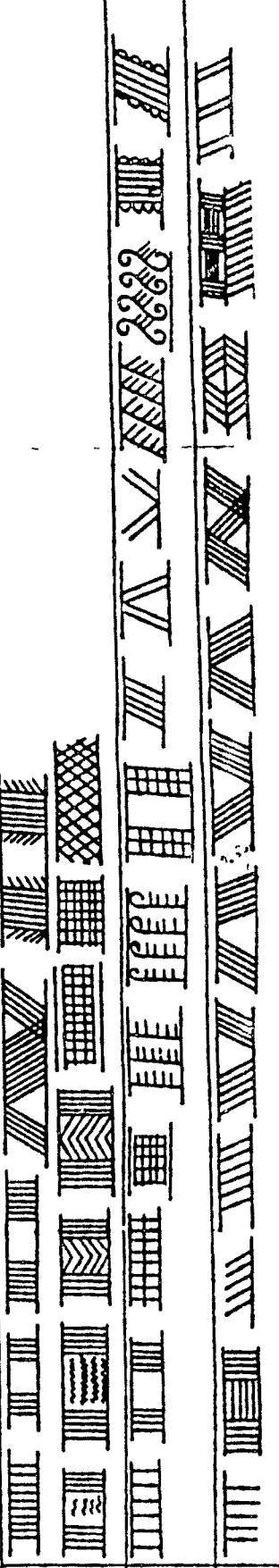
CHANHU-DARO

HARAPPA

LOTHAL A

LOTHAL B

POST-HARAPPAN



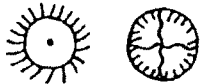

RANGPUR

MALWA-WARE

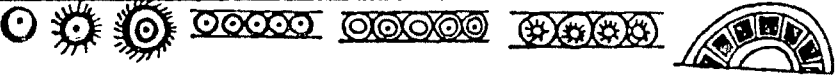
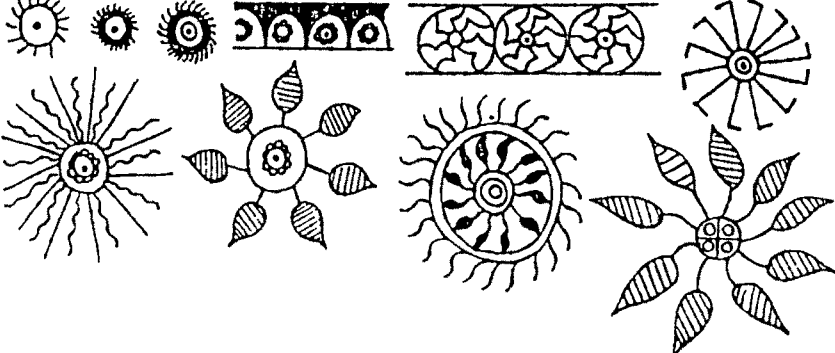
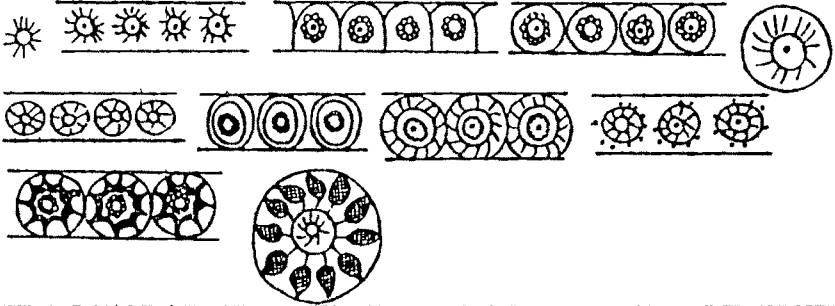

JORWE-WARE

PRE HARAPPAN

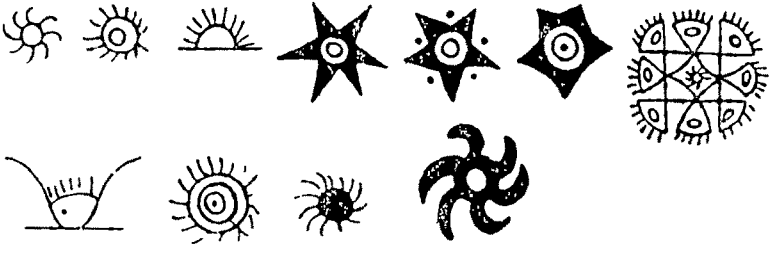
SUN-MOTIF

AMRI	
KALIBANGAN	

HARAPPAN

MOHENJO-DARO	
CHANHU-DARO	
HARAPPAN	
LOTHAL A&B	

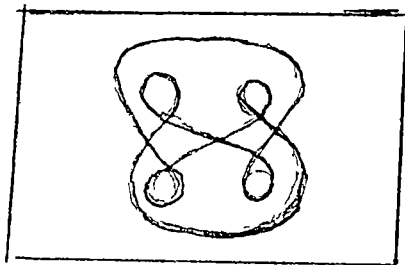
LATE HARAPPAN

<p>RANGPUR</p> <p>SYALWA-WARE KRYATI NAVDATOLI TORWE DAIMABAD INAMGAON</p>	
------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------



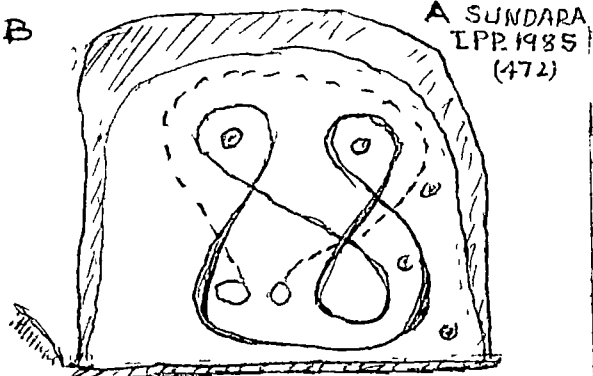
Comparative Study of Percolation of a Unique Symbol from Harappan times to present day customs.

A



Mohenjo DARO No DK 3696  
Copper tablet MID & EVL (1931)  
Pl. CXVIII-5

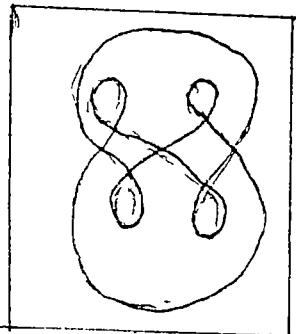
B



A SUNDARA  
IPP. 1985  
(472)

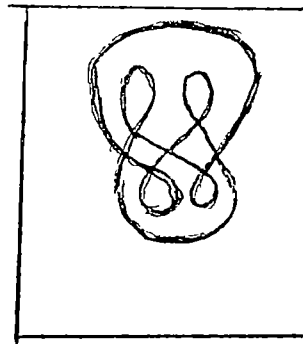
NAVALTIRTHA ENGRAVING: KARNATAKA  
MEGALITHIC

C



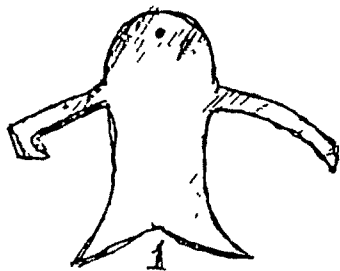
Mughal Mason Symbol  
at Taj (Agra) A Gorham  
Indian Me. & Marks of the  
Mughal dynasty. Pl. XXI

D

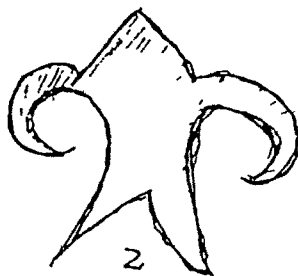


Rashtrakuta inscription  
EI XXVI Royal symbol of  
Govindaraja Saka 732.

COPPER ANTHROPOMORPHIC OBJECTS OF  
 CHALCOLITHIC PERIOD COMPARED WITH  
 SIMILAR FIGURE ON MEGALITHIC BURIAL  
 - A RITUAL LINK ?



1



2



3

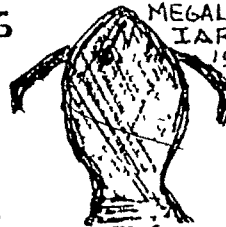
From copper Hoards of Gangetic valley  
 Ref. PURATTATVA : 1:1967-68, p.96



4 - Bronze  
 (R.4 LOTHAL, Ra05R 1973 P35)



5 BRONZE  
 PATNA  
 MUSEUM  
 MANBHUM



6  
 SALEM  
 MEGALITH  
 IAR  
 1962  
 P.16