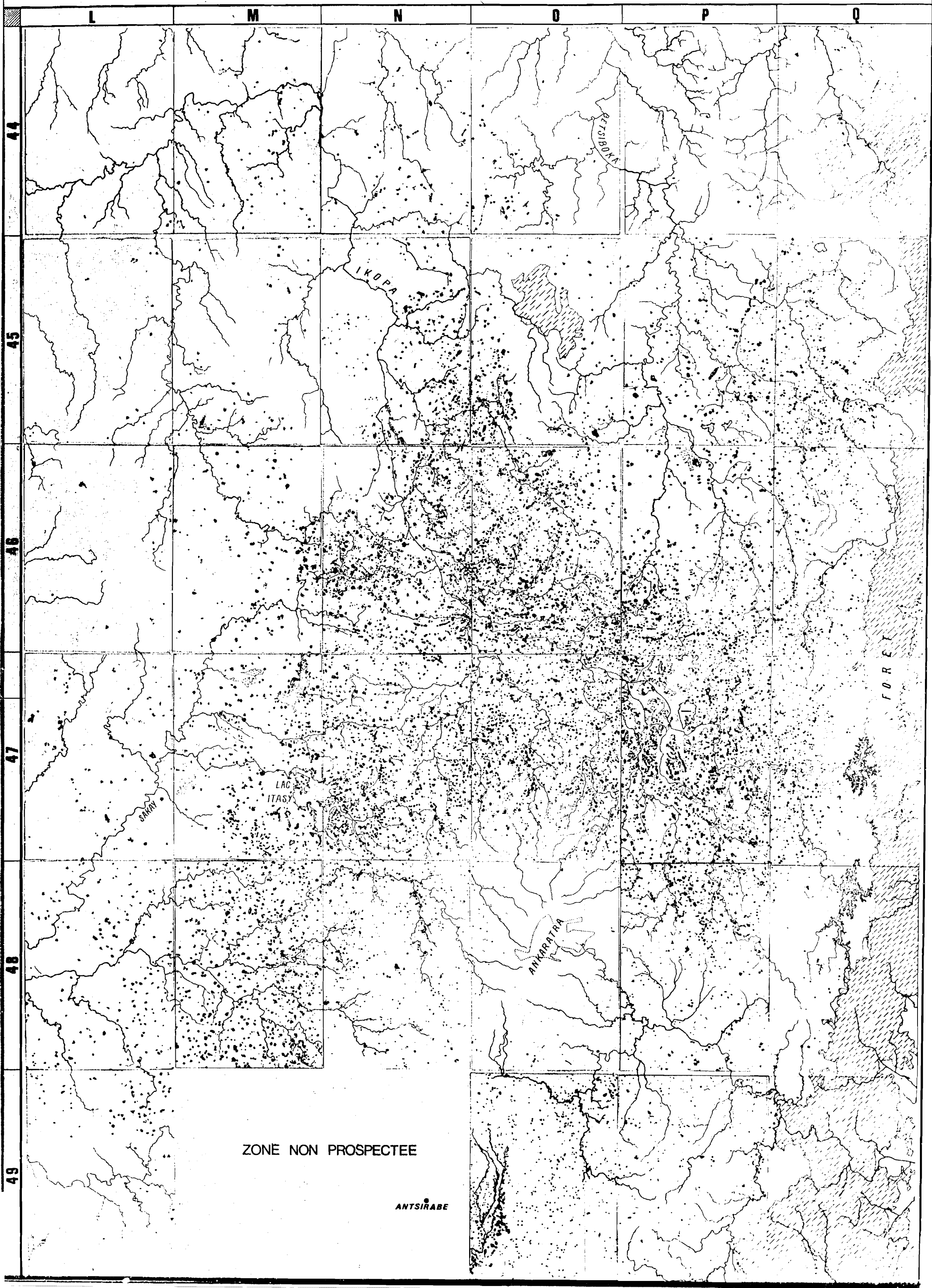


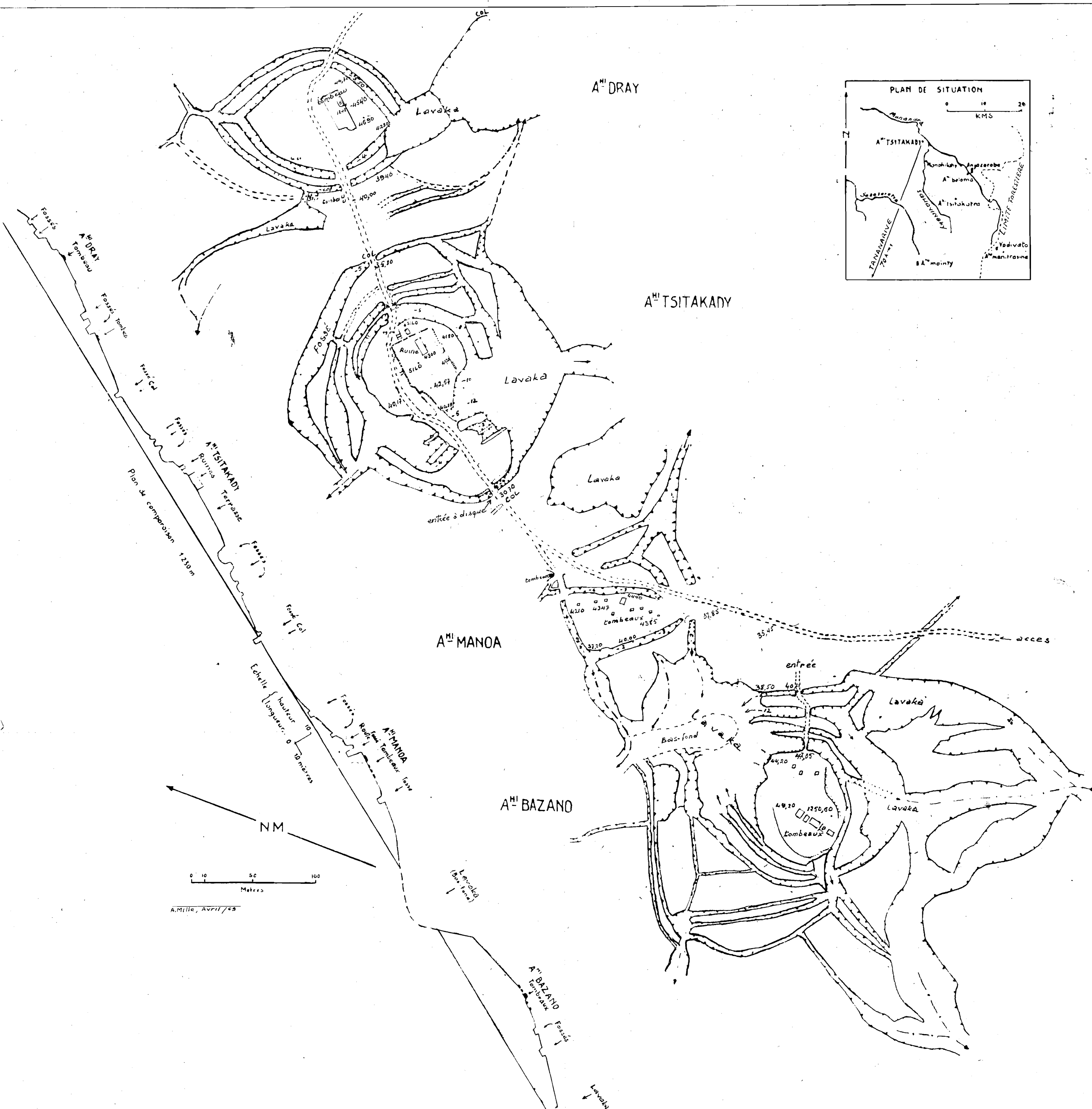
IMERINA

Sites grossis 2 fois

CARTE DE DENSITE DES VILLAGES A FOSSÉS

0 Km 10





**MUSÉE D'ART ET D'ARCHÉOLOGIE DE L'UNIVERSITÉ
DE MADAGASCAR
TRAVAUX ET DOCUMENTS**

III

ADRIEN MILLE
**COLLABORATEUR TECHNIQUE DU MUSÉE DE L'UNIVERSITÉ
TANANARIVE**

**CONTRIBUTION A L'ÉTUDE
DES VILLAGES FORTIFIES DE L'IMERINA ANCIEN
(MADAGASCAR)**

II^e partie - PLANS

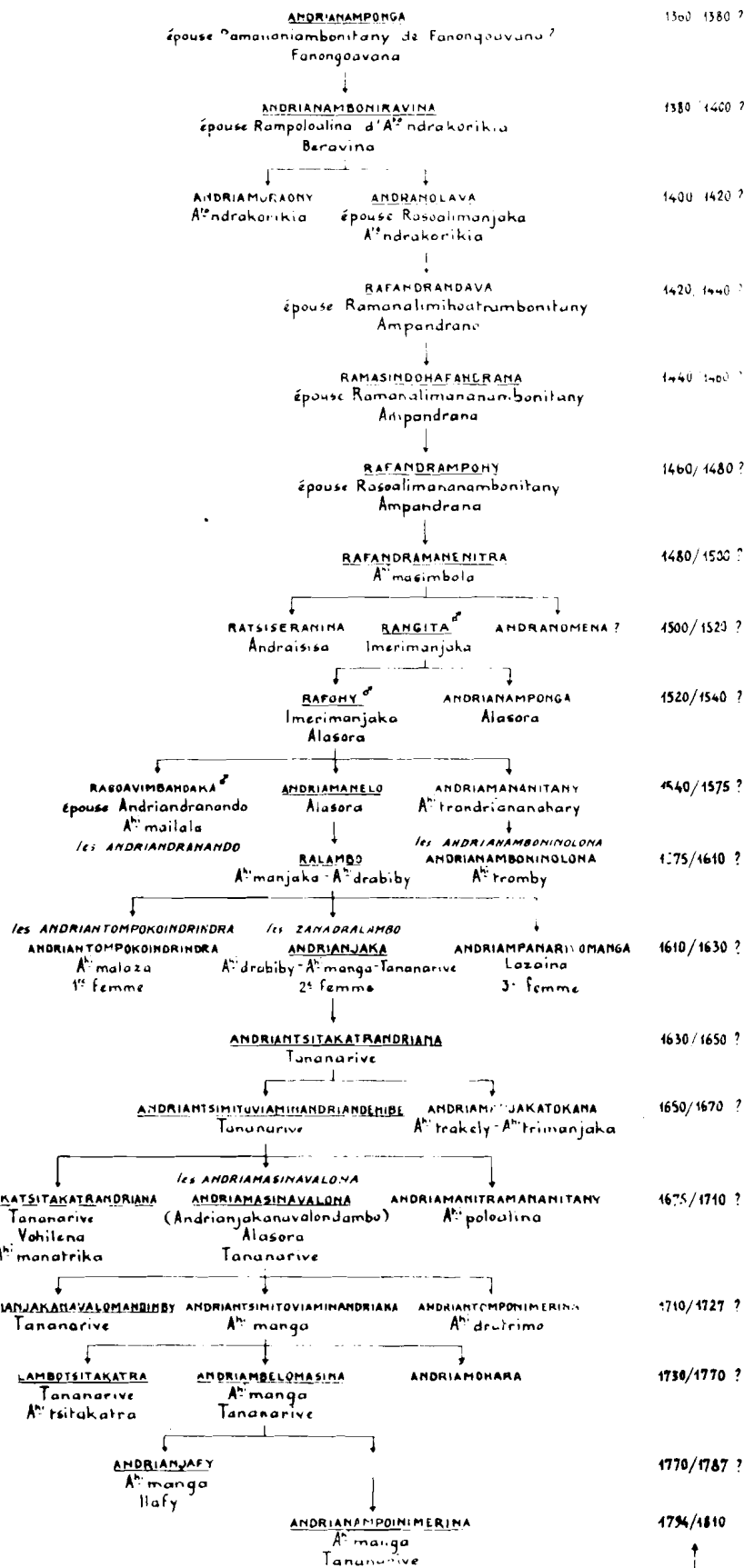
**THÈSE POUR LE DOCTORAT DE 3^e CYCLE
PRÉSENTÉE DEVANT LA FACULTÉ DES LETTRES ET SCIENCES HUMAINES
DE L'UNIVERSITÉ DE CLERMONT-FERRAND - 1970**

TABLE DES PLANS

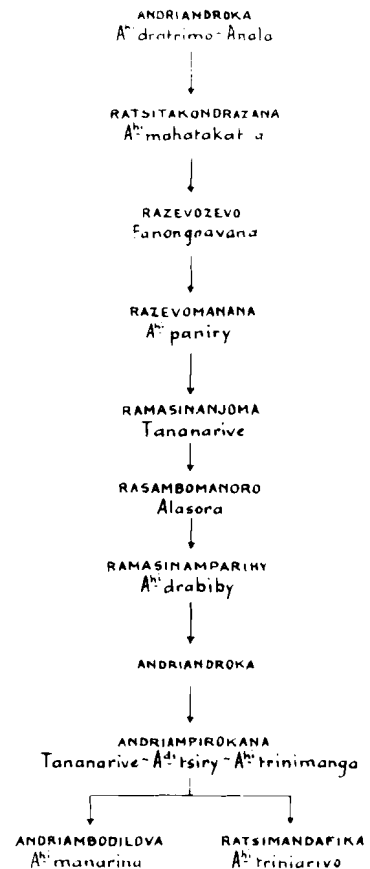
1 - Tableau généalogique (d'après Tantara).	36 - Inventaire des villages à fossés - Feuille Q 46
2 - Tableau généalogique (d'après E. Ramilison).	37 - " " Q 47
3 - Principales positions défensives et types d'enceintes fortifiées.	38 - " " Q 48
4 - Pénétrations néo-indonésiennes vers les Hautes Terres.	39 - " " Q 49
5 - Tableau statistique de densité d'après la Typologie.	40 - Ambohitsitakatra (plan).
6 - Inventaire des villages à fossés - Feuille L 44, 1/100 000.	41 - Imerimanjaku (plan).
7 - " Feuille L 45	42 - Alasora (plan).
8 - " " L 46	43 - Ankutso (plan).
9 - " " L 47	44 - " (planche poterie).
10 - " " L 48	45 - Andraisisa (plan).
11 - " " L 49	46 - Ambohidranady (plan).
12 - " " M 44	47 - Mandreke (plan).
13 - " " M 45	48 - Ambohimalaza (plan).
14 - " " M 46	49 - Ambohidrabiby (plan).
15 - " " M 47	50 - Ampahidralambo (plan).
16 - " " M 48	51 - Ambatondrakorikia et Ambohitrandriumanitra (plans).
17 - " " N 44	52 - Angavobe (plan).
18 - " " N 45	53 - " (planche poterie).
19 - " " N 46	54 - Ambohidratrimo (plan).
20 - " " N 47	55 - Amboatany (photographie).
21 - " " N 48	56 - Namohana et Ambohinaorina (plans).
22 - " " O 44	57 - Ambohibeloma-Nord (plan).
23 - " " O 45	58 - Ambohitsitakady (plan).
24 - " " O 46	59 - Analanandriana (plan).
25 - " " O 47	60 - Ambohitritrimo (plan).
26 - " " O 48	61 - Ambatomanga (plan).
27 - " " O 49	62 - Ambohimpanompo (plan).
28 - " " P 44	63 - Sambaina et Amboangivy (plans).
29 - " " P 45	64 - Ambohimaroroka (plan).
30 - " " P 46	65 - Ambohitretibe (plan).
31 - " " P 47	66 - Amparibohitra et Andohanankivoka (plans).
32 - " " P 48	67 - Fanjakamandroso (plan).
33 - " " P 49	68 - Ambohimanga (photographie, plan).
34 - " " Q 44	69 - Ambohijanaka (plan).
35 - " " Q 45	70 - Limites provinciales de l'Imerina avant 1895.
71 - Carte de densité des villages à fossés en Imerina.	

GENEALOGIE DYNASTIQUE (d'après les Tontara)

[1^{re} version]



GENEALOGIE ANTEHIROKA (d'après les Tontara)



CRONOLOGIE PROVISOIRE (d'après Malzac)

(d'après E. Ramilison)

4360



1400/1420

4420/4440

1440/1450

1460/1480

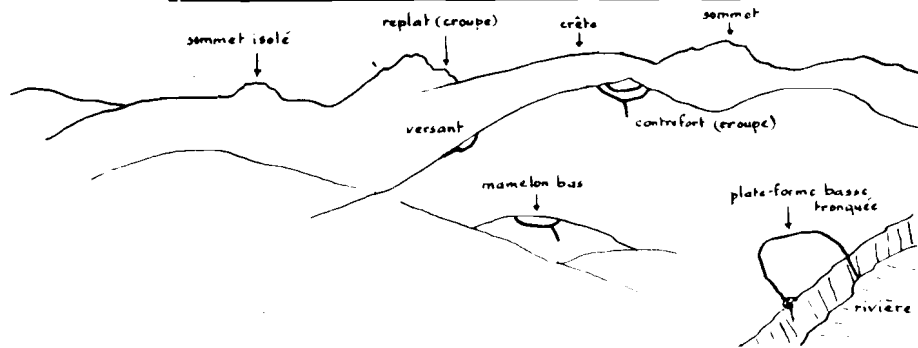
1400/1500

1300/1320

1920/1921

1

PRINCIPALES POSITIONS DEFENSIVES



PRINCIPAUX TYPES D'ENCEINTES FORTIFIEES

CIRCULAIRES ET RECTANGLES

circulaire à 1 fosse



MIKABAZA
x = 846,6 y = 519,7 z = 1330m

circulaire double



x = 813,0 y = 519,7 z = 1280m

rectangles à 1 et 2 fossés



x = 824,6 y = 516,8 z = 1290m



x = 787,5 y = 516,7 z = 1310m

OVALES

ovale simple



IMBIMANJAKA

x = 791,0 y = 516,9 z = 1280m

ovale à 2 fossés



x = 777,3 y = 516,7 z = 1310m

ovale à 3 fossés (extérieur polygonal)



IFANDRO

x = 765,4 y = 512,7 z = 1490m

ovale 2/3 fossés type résant



ANTOBY

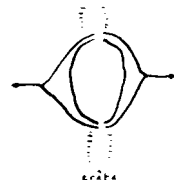
x = 727,1 y = 431,4 z = 1350m

ovale 2 fossés typ sur versant



x = 744,1 y = 437,0 z = 1460m

ovale polygonal de type perche



x = 846,8 y = 547,5 z = 1400m

POLYGONAUX

polygonal simple



x = 849,1 y = 558,2 z = 1350m

polygonal 2/3 fossés de type jumelé



x = 780,1 y = 516,0 z = 1430m

polygonal 3 fossés de type rayonnant



x = 785,1 y = 517,3 z = 1310m

polygonal 3 fossés du type à chevrons



x = 745,0 y = 421,7 z = 1180m

polygonal à bouclier de 6 fossés



FENDARINA

x = 742,9 y = 430,7 z = 1400m

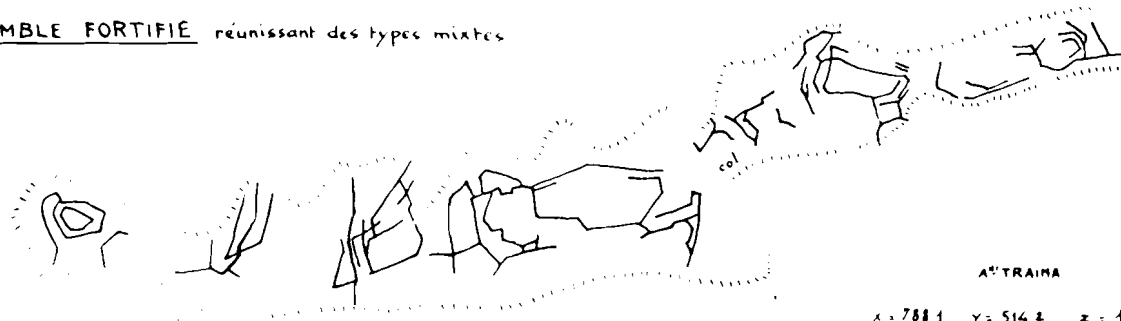
polygonal complexe du type à pointe



A¹ TRANDIAMANTRA 3rd

x = 788,8 y = 519,6 z = 1460m

ENSEMBLE FORTIFIE réunissant des types mixtes



A¹ TRAINA

x = 788,1 y = 514,2 z = 1480m

PÉNÉTRATION NEO-INDONESIENNE de la Côte vers les Hautes Terres (selon E. Ramilison)

0 10 50
Km

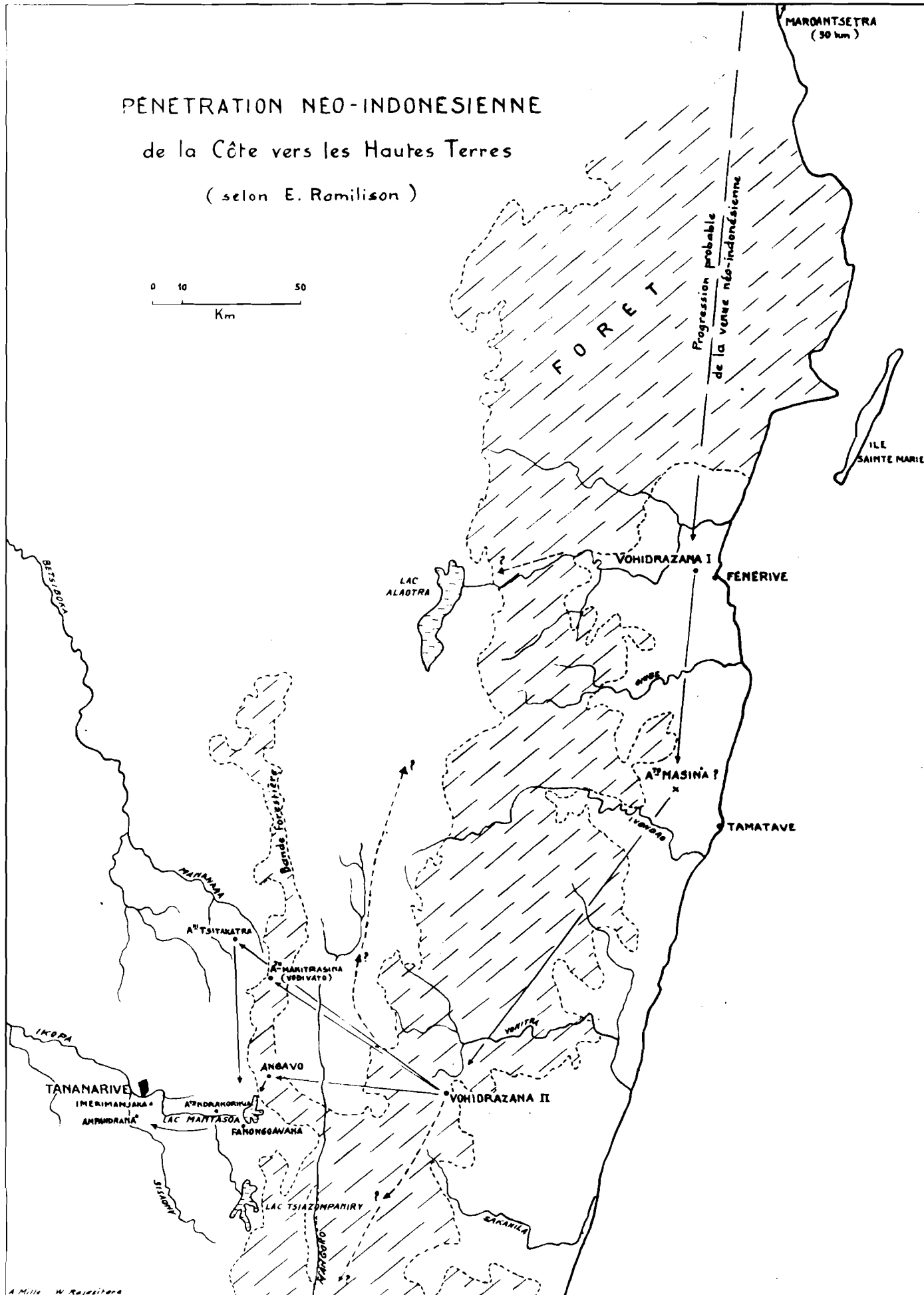
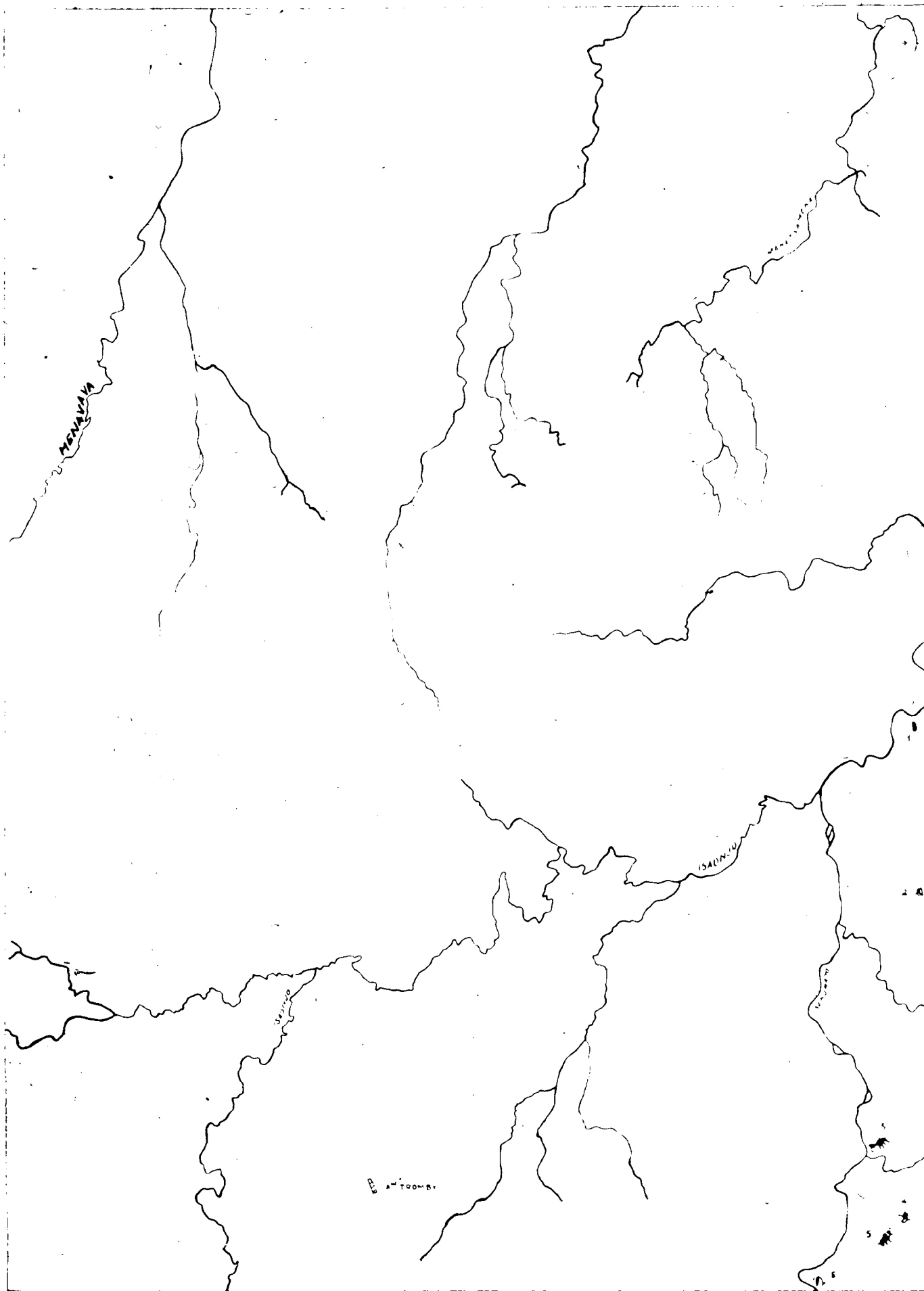
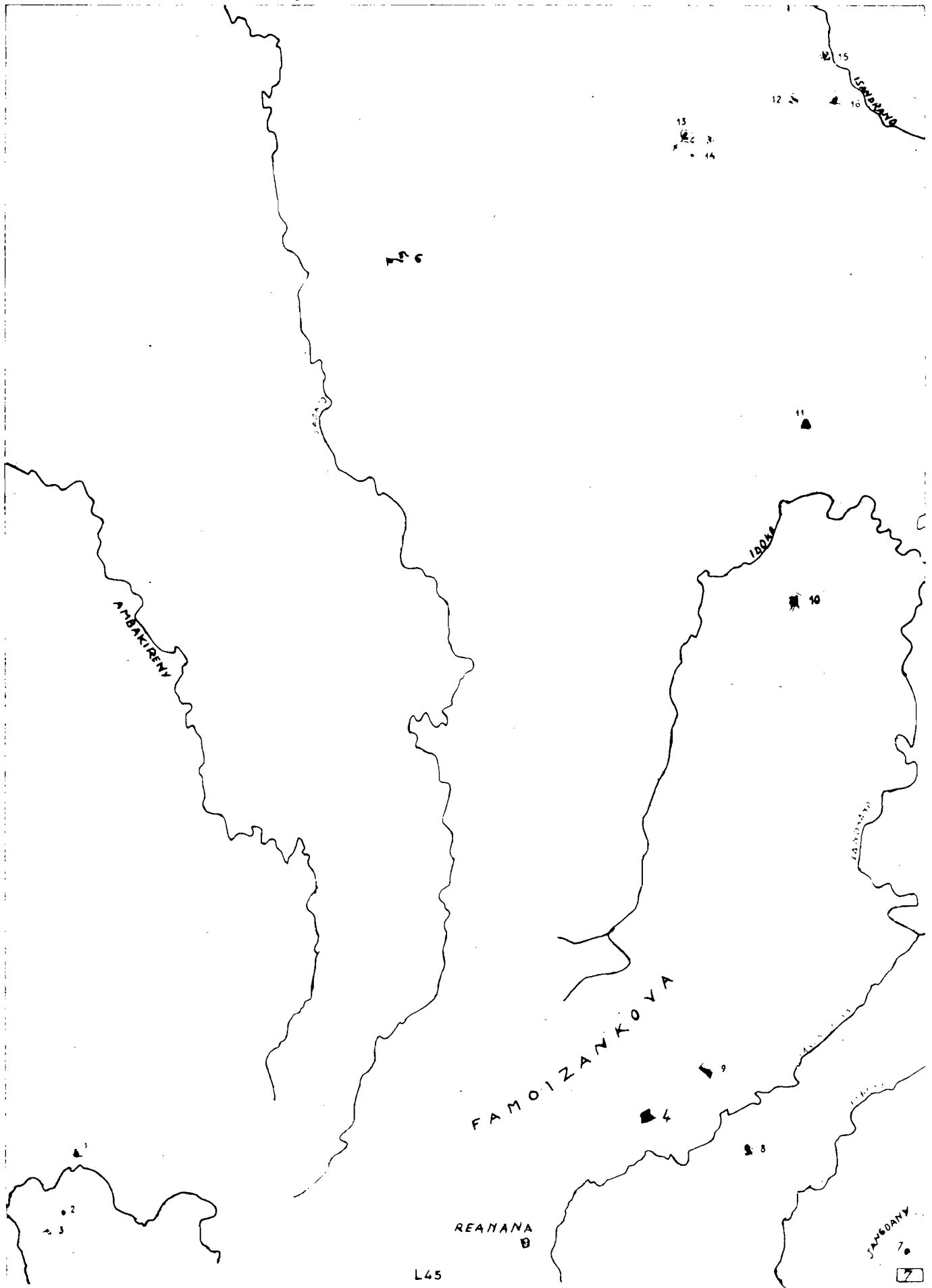


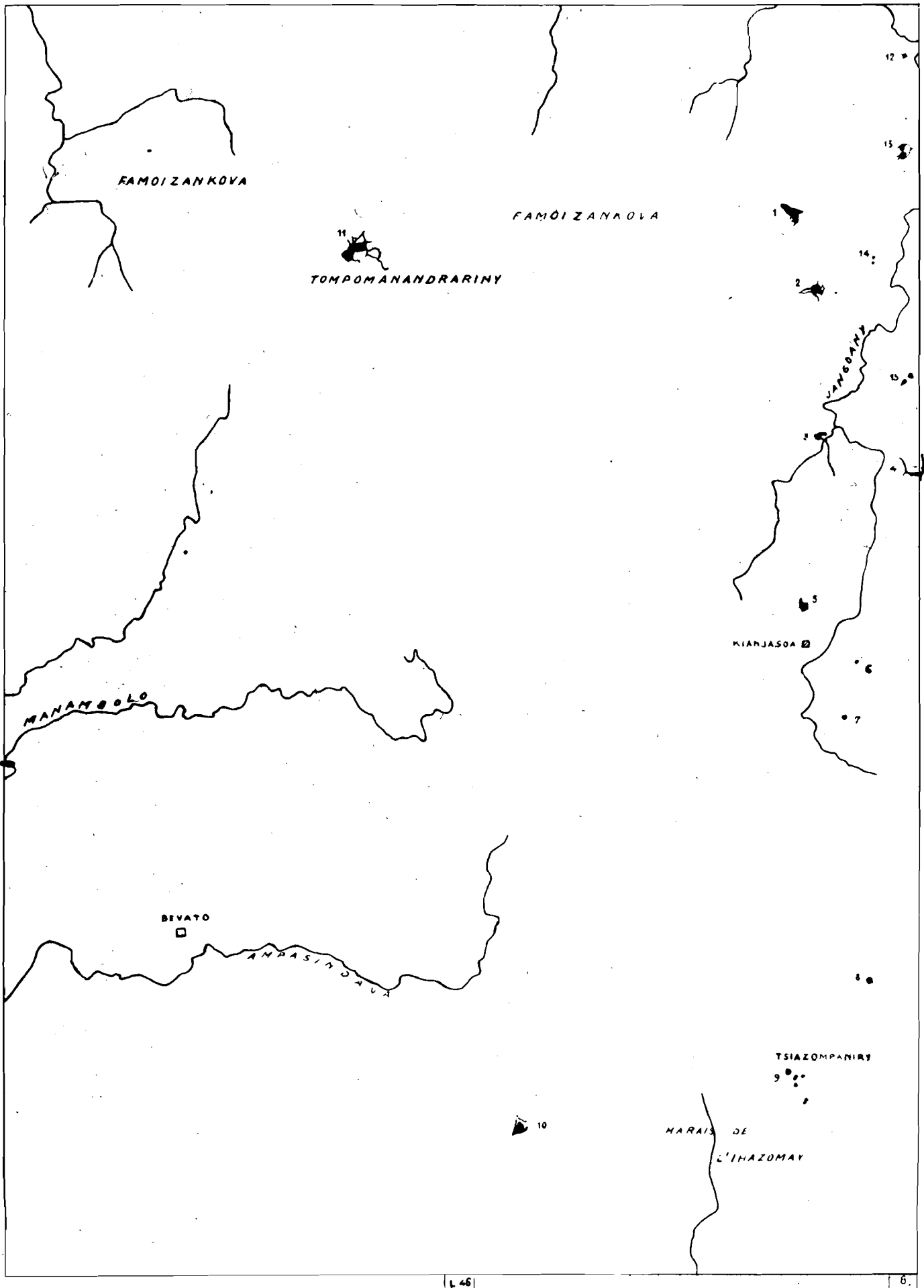
TABLEAU DE DENSITE TYPOLOGIQUE

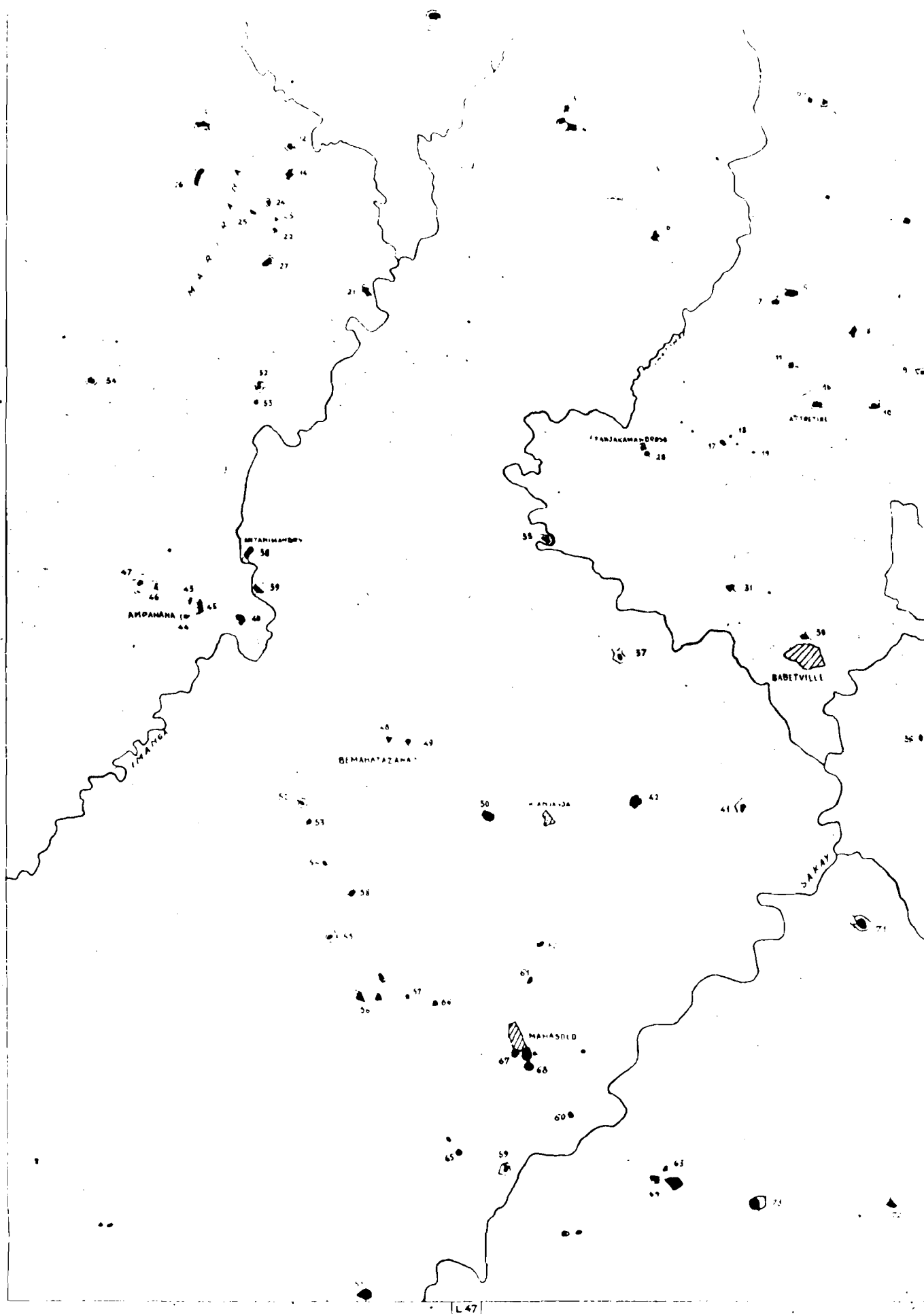
	L				M				N				O				P				Q									
	parcels	crops	vegetation	H	parcels	crops	vegetation	H	parcels	crops	vegetation	H	parcels	crops	vegetation	H	parcels	crops	vegetation	H	parcels	crops	vegetation	H						
44	3 P ₁	2	1		45 P ₁	2	10	28	60 P ₁	43	22	26	2	80 P ₁	40	41	18	1	3 P ₁	2		1	8 P ₁	2	1	5				
	2 P ₂	2			9 P ₂	1	2	6	17 P ₂	10	4	3	1	17 P ₂	4				5 P ₂	4			1 P ₂	3	1	1				
	1 P ₃	1			6 P ₃	2	5	1	4 P ₃	1	5			1 P ₃	2	1						2 P ₃	1			1				
					4 P ₄	1		3	3 P ₄	3				1 P ₄	1															
					3 O ₁	2	1		8 O ₁	2	4	5		6 O ₁	4	1	4		3 O ₁	1		2	1 O ₁	1						
									3 O ₂			2		1 O ₂			1													
					8 C ₁	4		1	5 C ₁	1		4		1 C ₂			1													
	6	1	4	1	0	72	12	46	44	0	108	30	30	48	3	50	18	15	19	1	6	3	3	0	12	4	2	6	0	
	sites					sites					sites					sites					sites									
	45 P ₁	1	5	6		14 P ₁	2	3	9		114 P ₁	29	34	51	2	71 P ₁	30	20	31		89 P ₁	26	28	8		91 P ₁	38	38	21	
	3 P ₂	2	1		10 P ₂	2	7	6	49 P ₂	18	16	15		39 P ₂	15	12	12		84 P ₂	30	28	3		81 P ₂	21	27	3			
					2 P ₃	2			9 P ₃	4	4	1		13 P ₃	1	5			17 P ₃	13	4			16 P ₃	11	3	2			
					1 P ₄	1			3 P ₄	3				3 P ₄	3	2			5 P ₄	4	1			5 P ₄	6	3				
					1 P ₅	1																								
45	1 O ₁		1		10 O ₁	8		2	164 O ₁	11	31	124	4	118 O ₁	6	11	104		177 O ₁	26	30	104	12	62 O ₁	41	47	34	6		
									25 O ₂	2	2	21		30 O ₂	2	4	24		15 O ₂	8	4	3		32 O ₂	14	10	8	2		
														2 O ₃	1		1						2 O ₃		1	1	2			
					5 C ₁		1	4	69 C ₁		5	64	2	34 C ₂		15	81		47 C ₂	8	16	26	10	26 C ₃	3	3	20	1		
					1 C ₂				4 C ₃		1	5		1 C ₄																

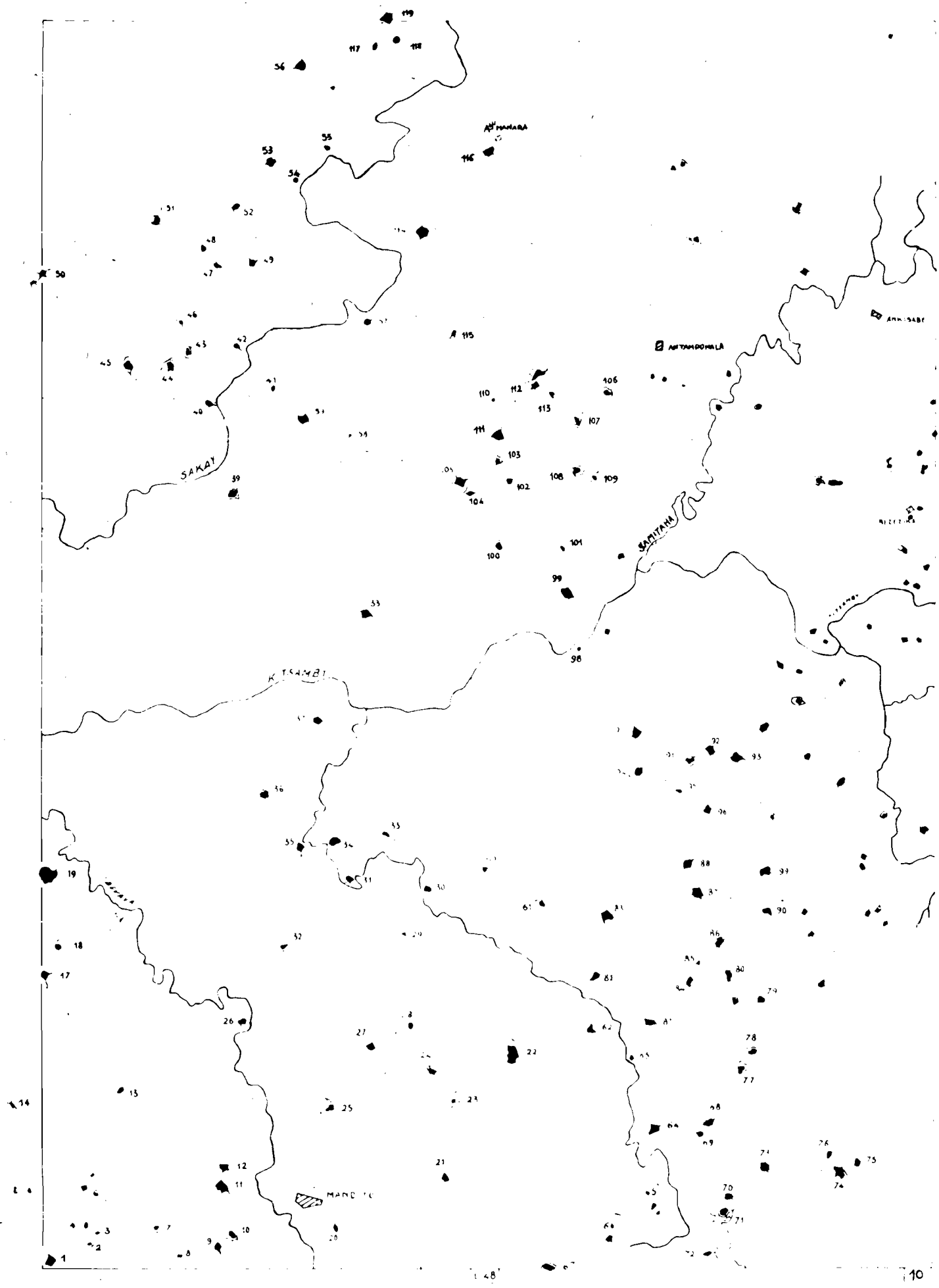
LEGENDE: P₁, P₂, P₃... = sites polygonaux à 1, 2, 3... fossés; O₁, O₂, O₃... = ovales à 1, 2, 3... fossés; C₁, C₂, C₃... = circulaires à 1, 2, 3... fossés; H = sites encore habités.

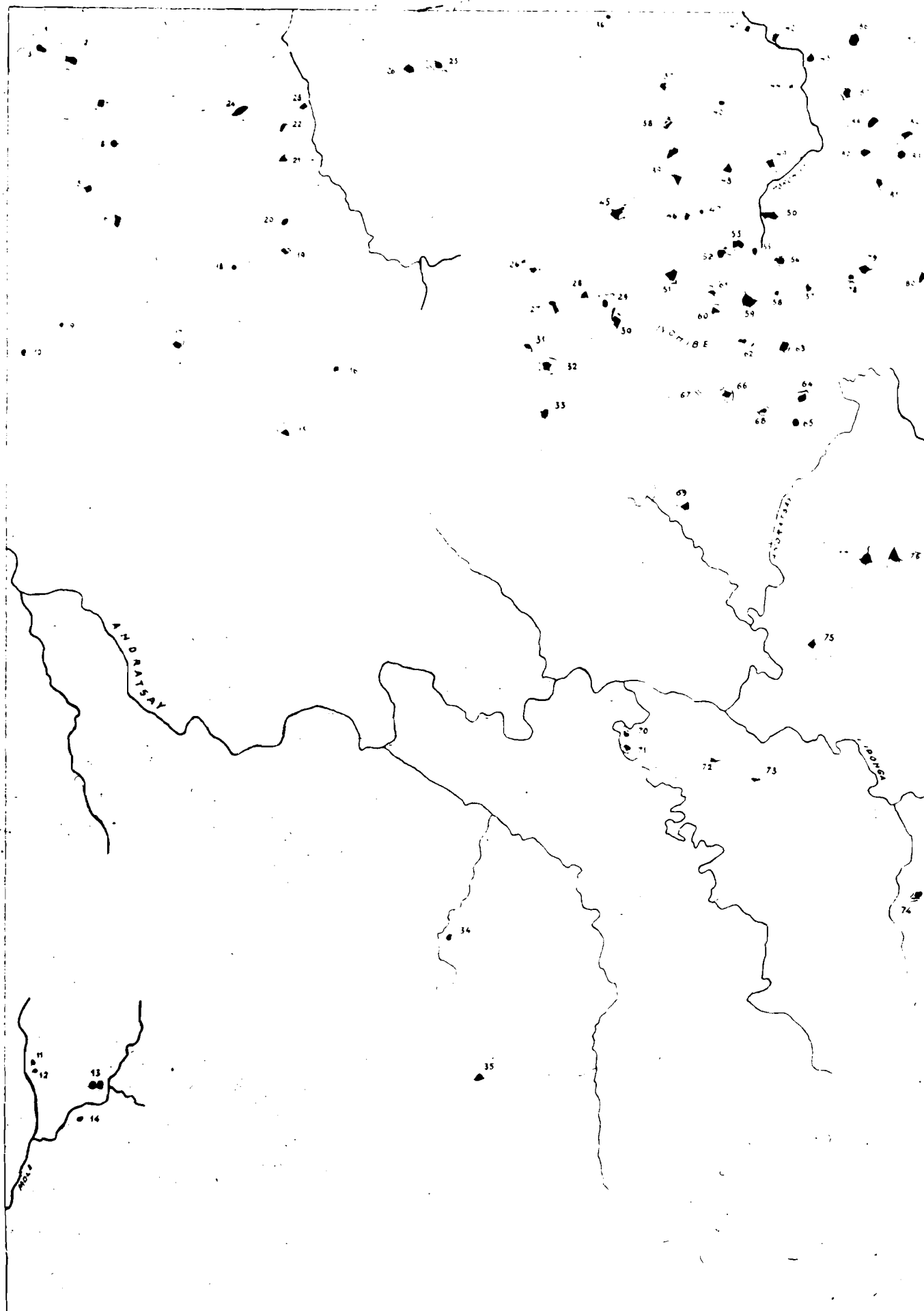


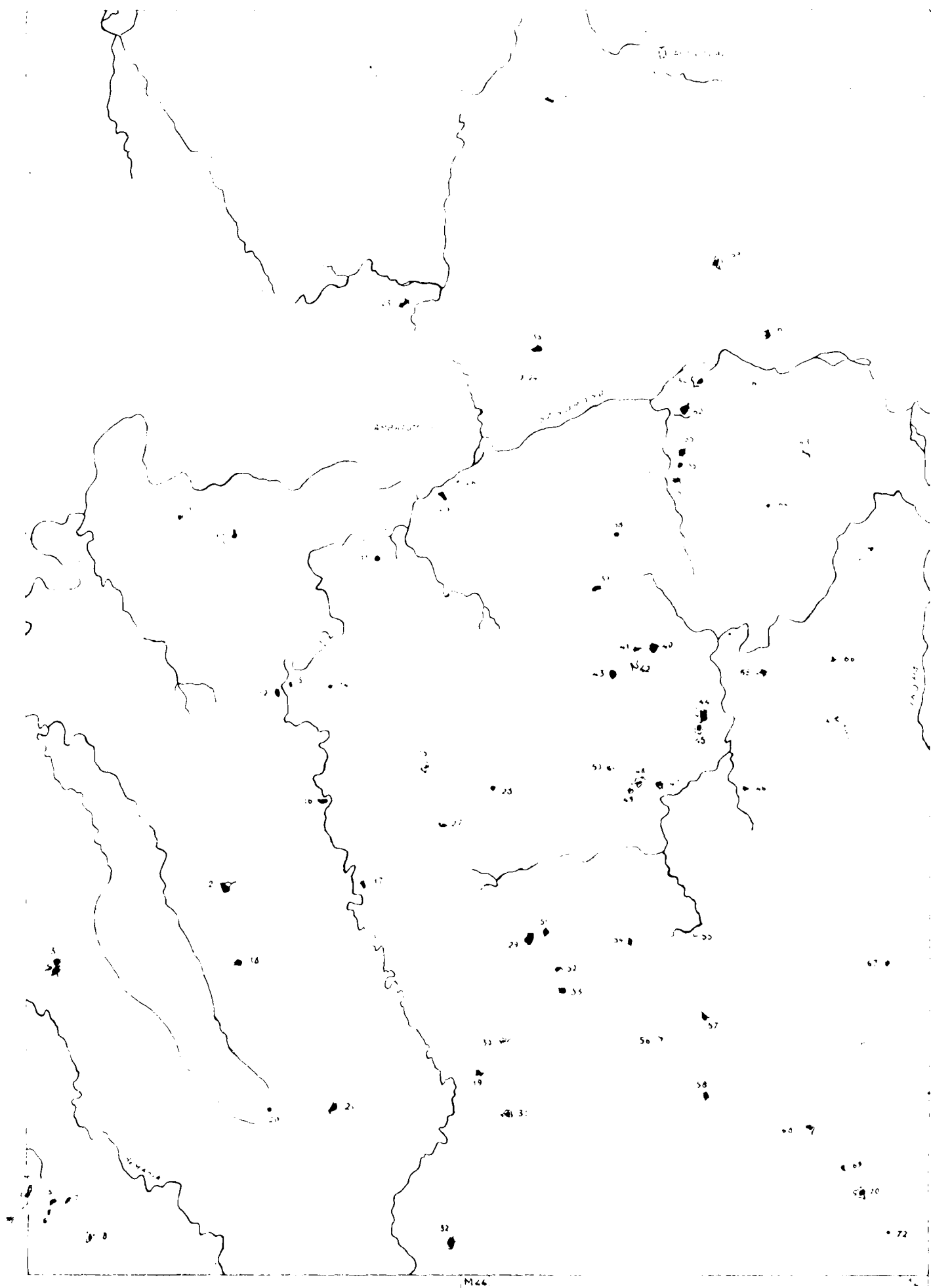


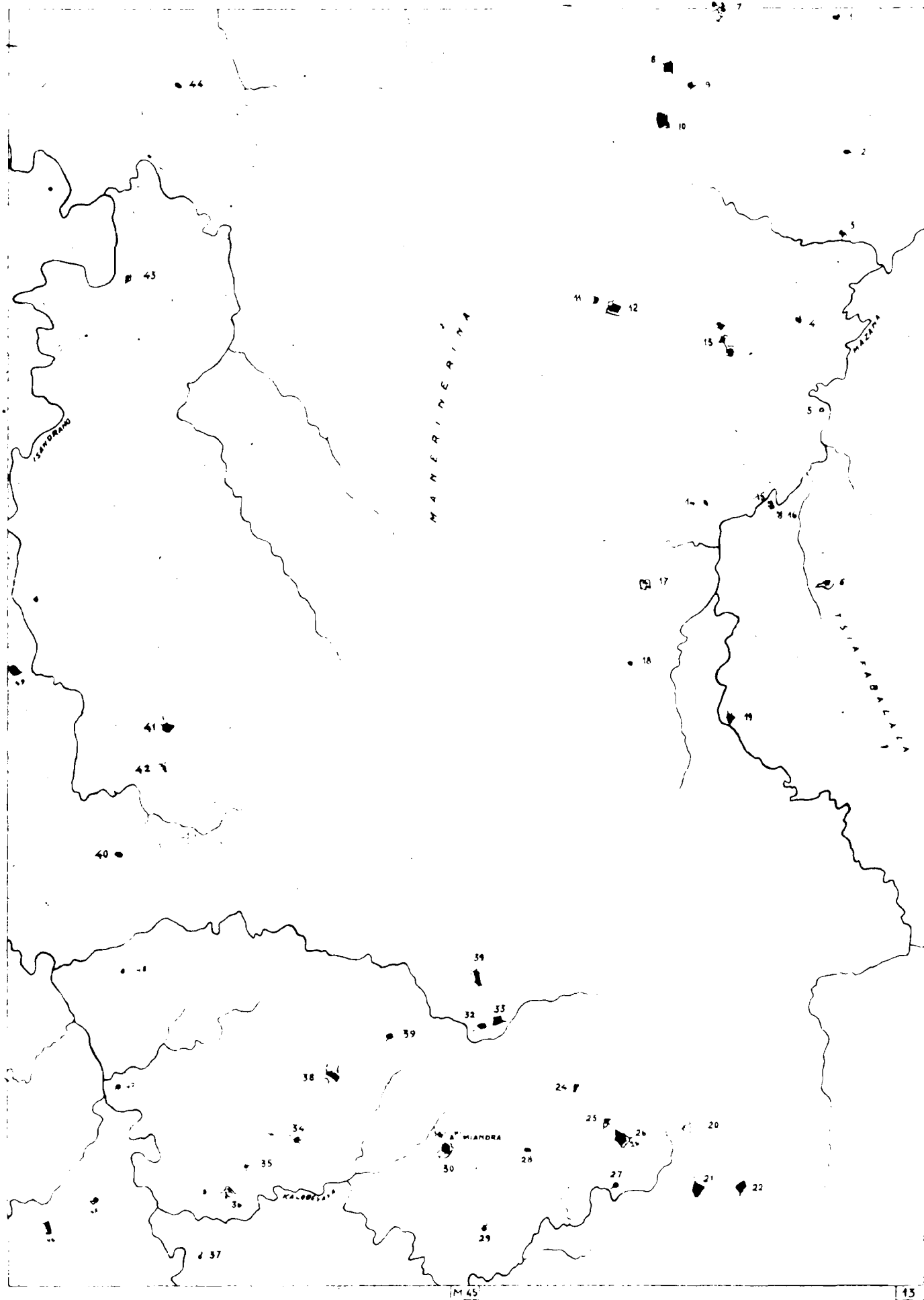


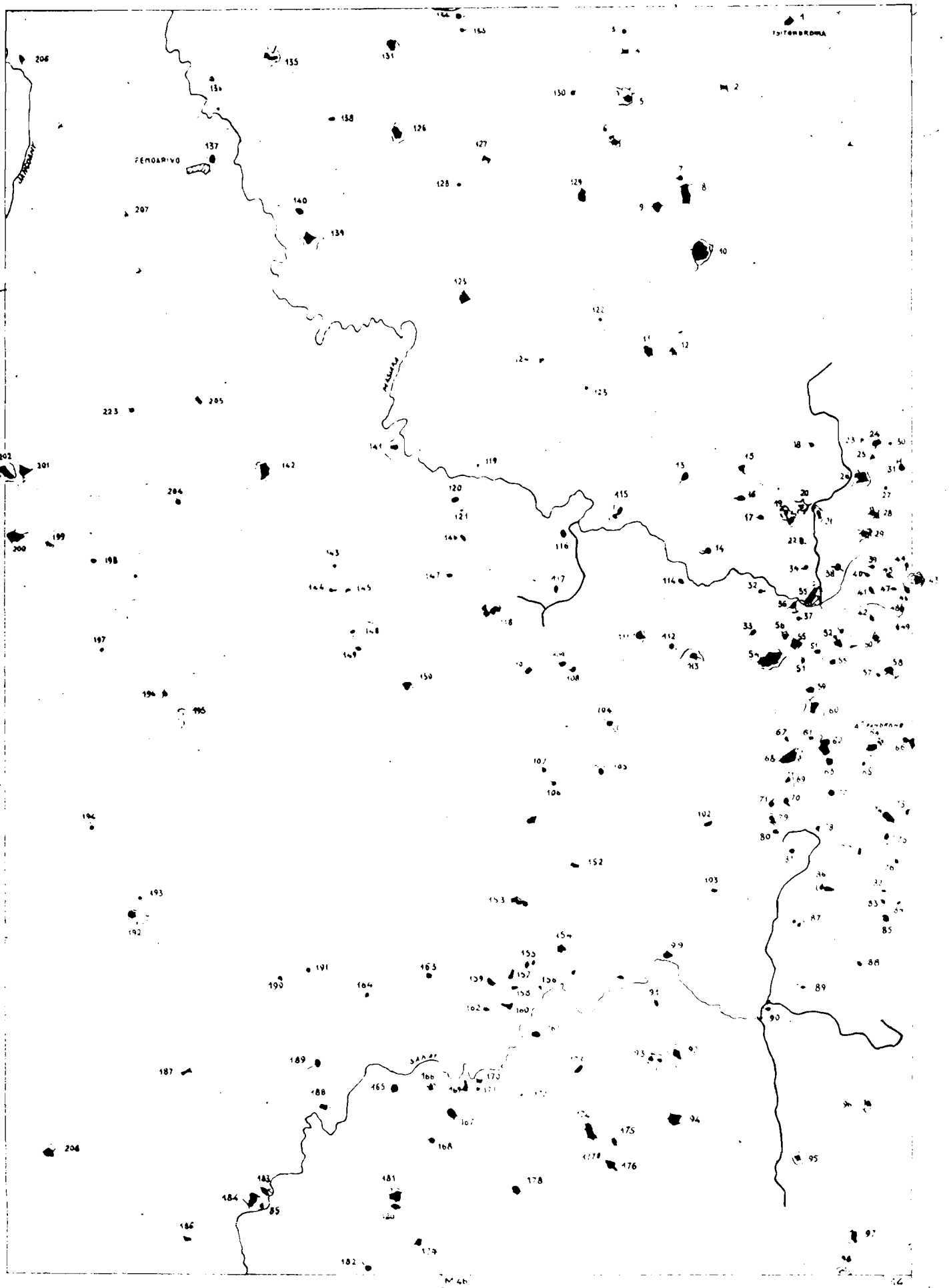


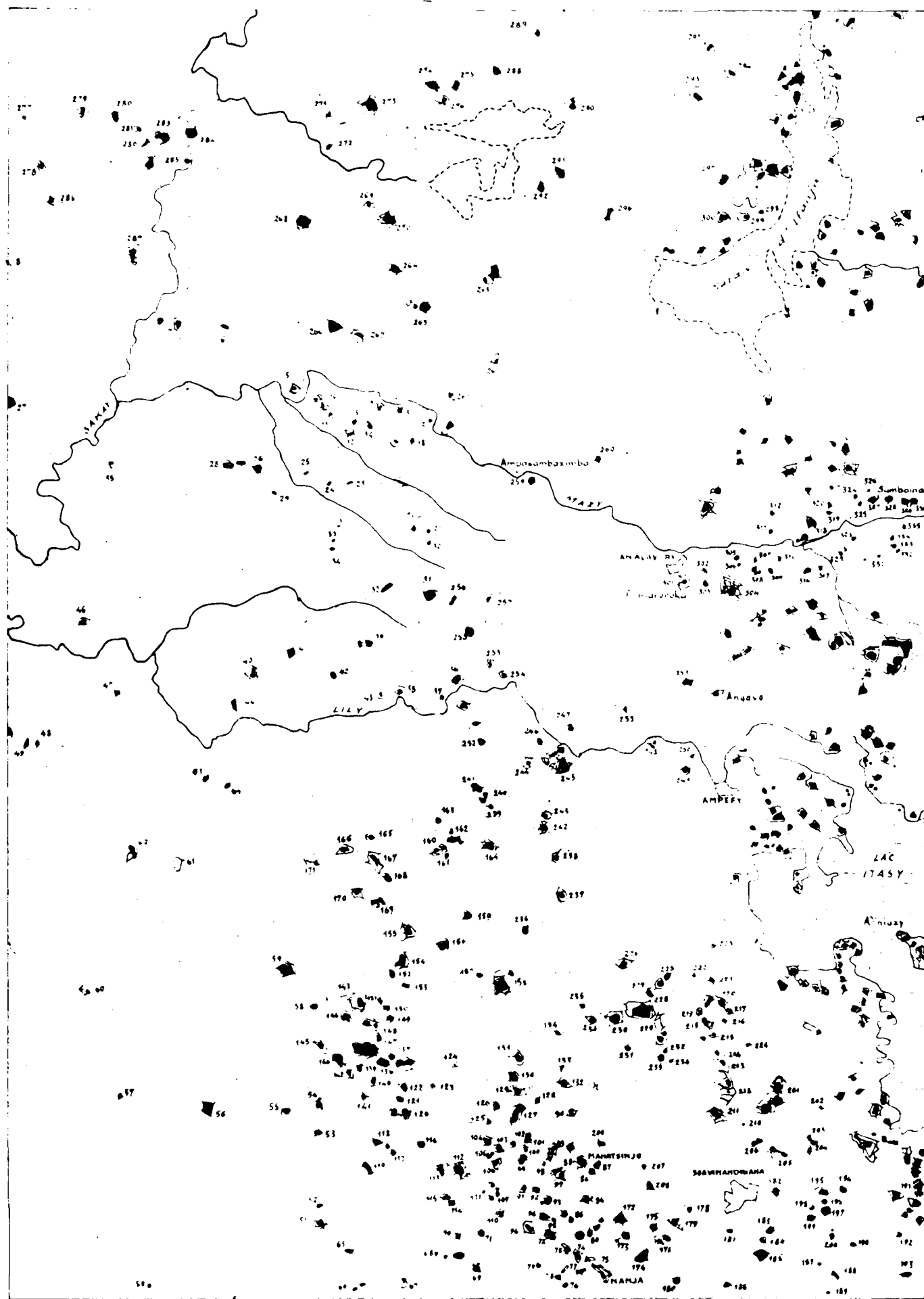


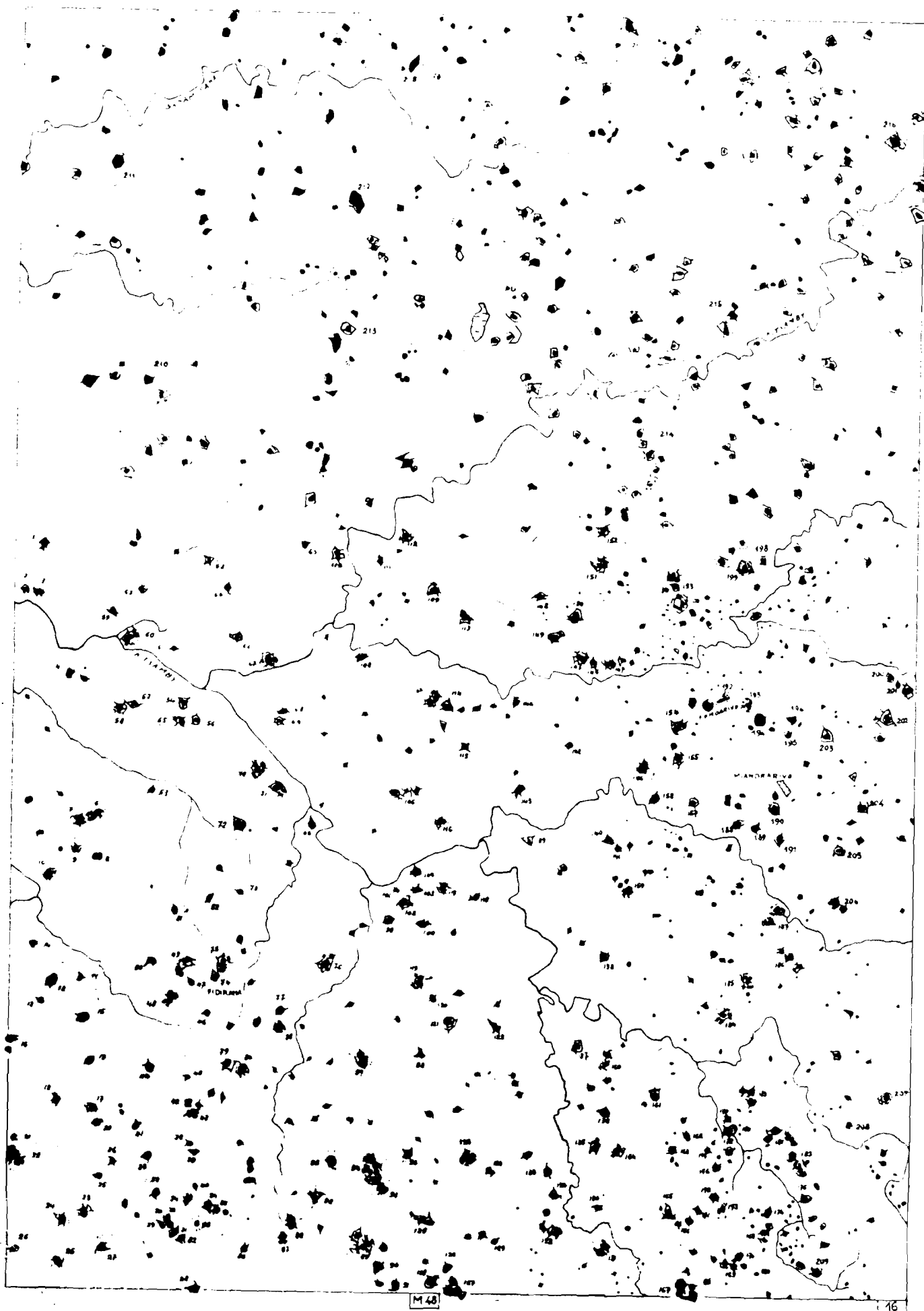


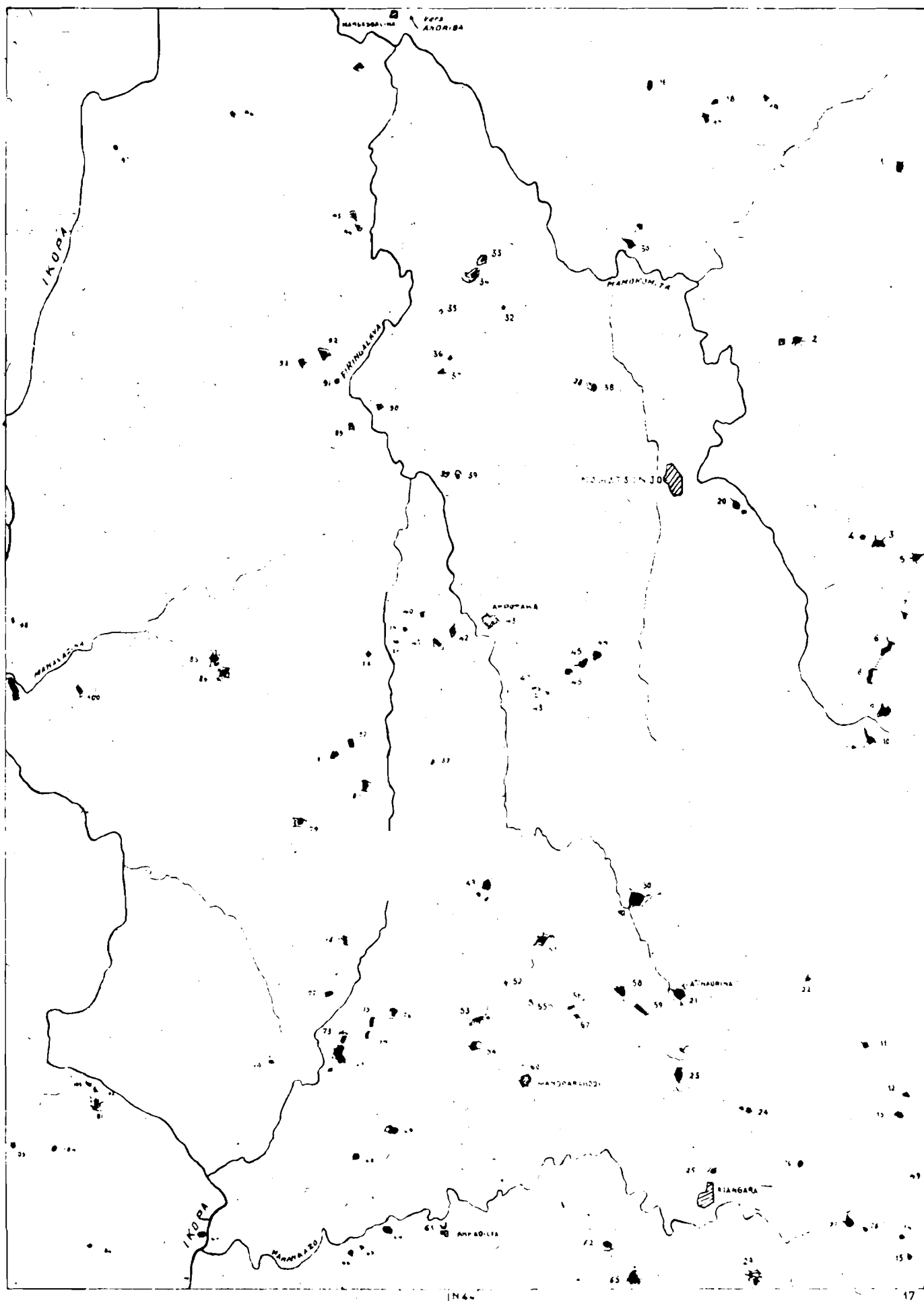


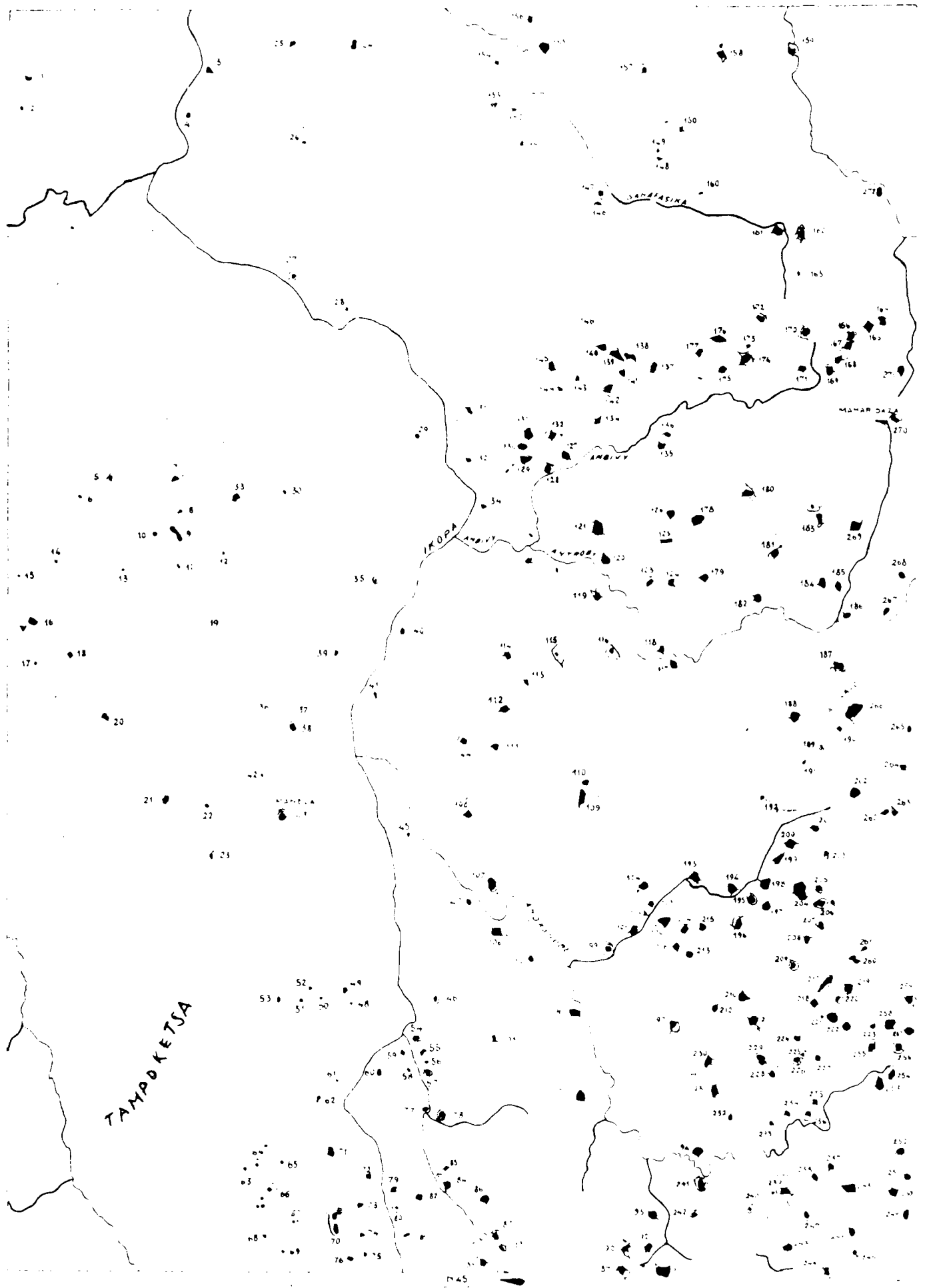




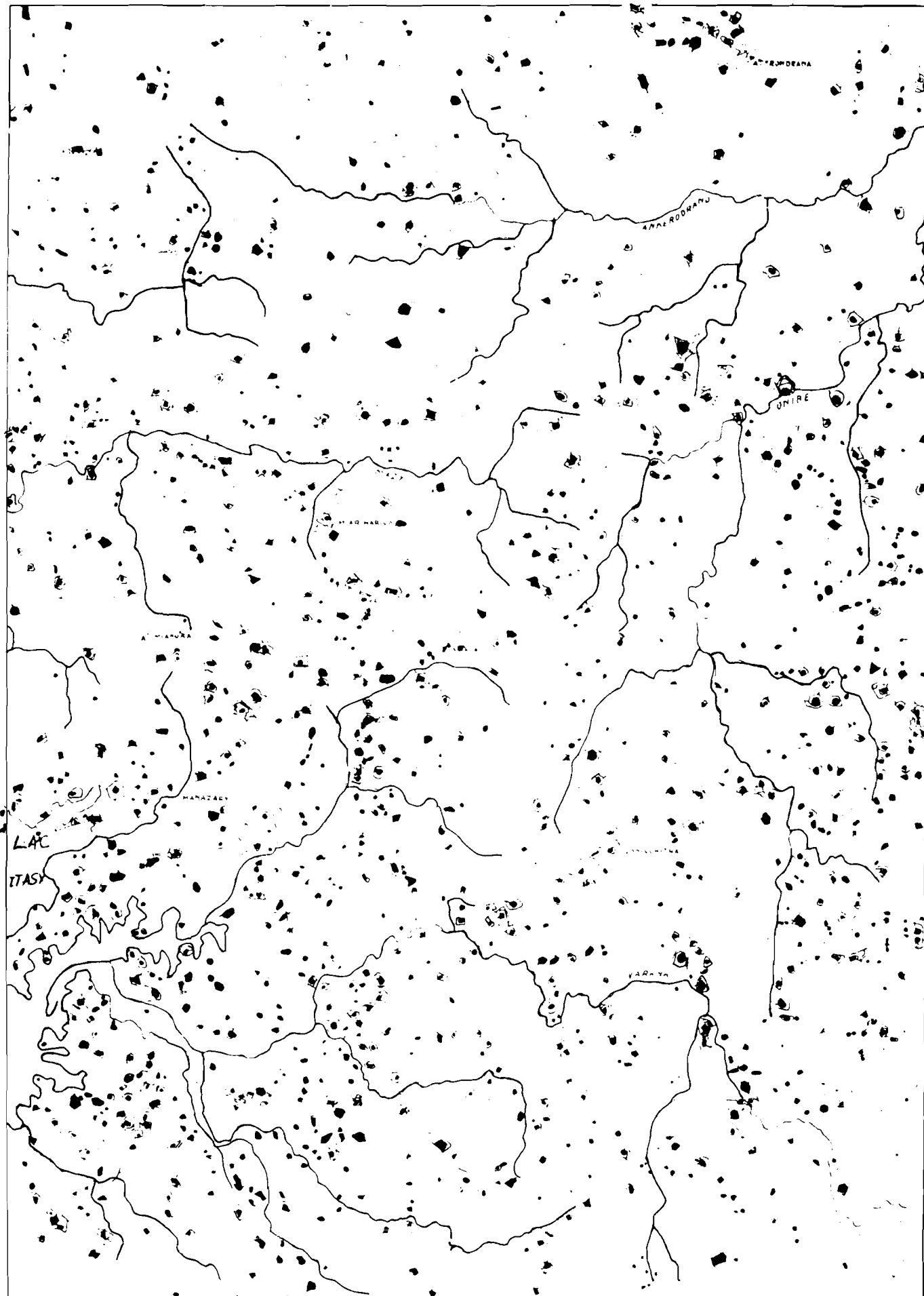


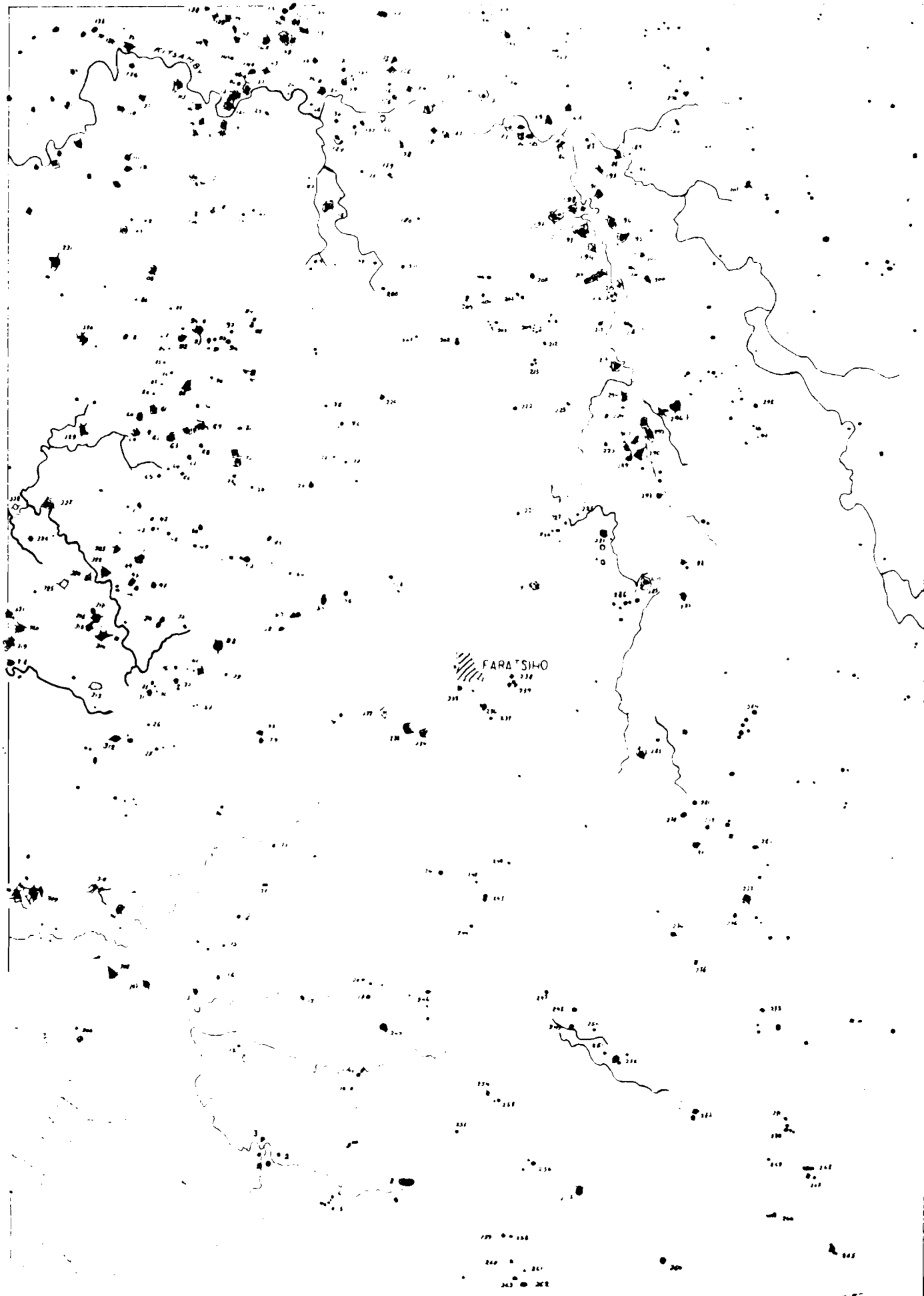


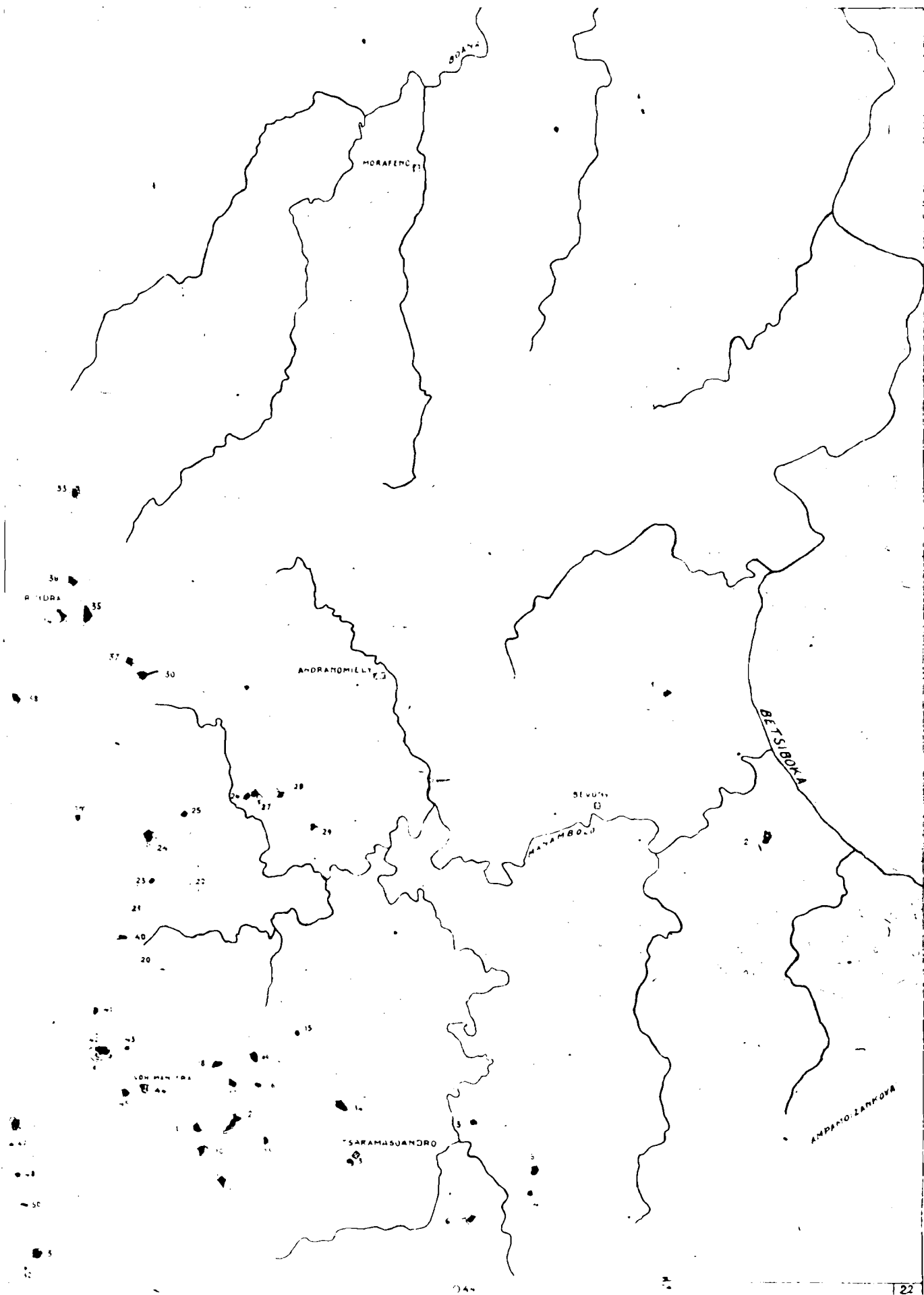






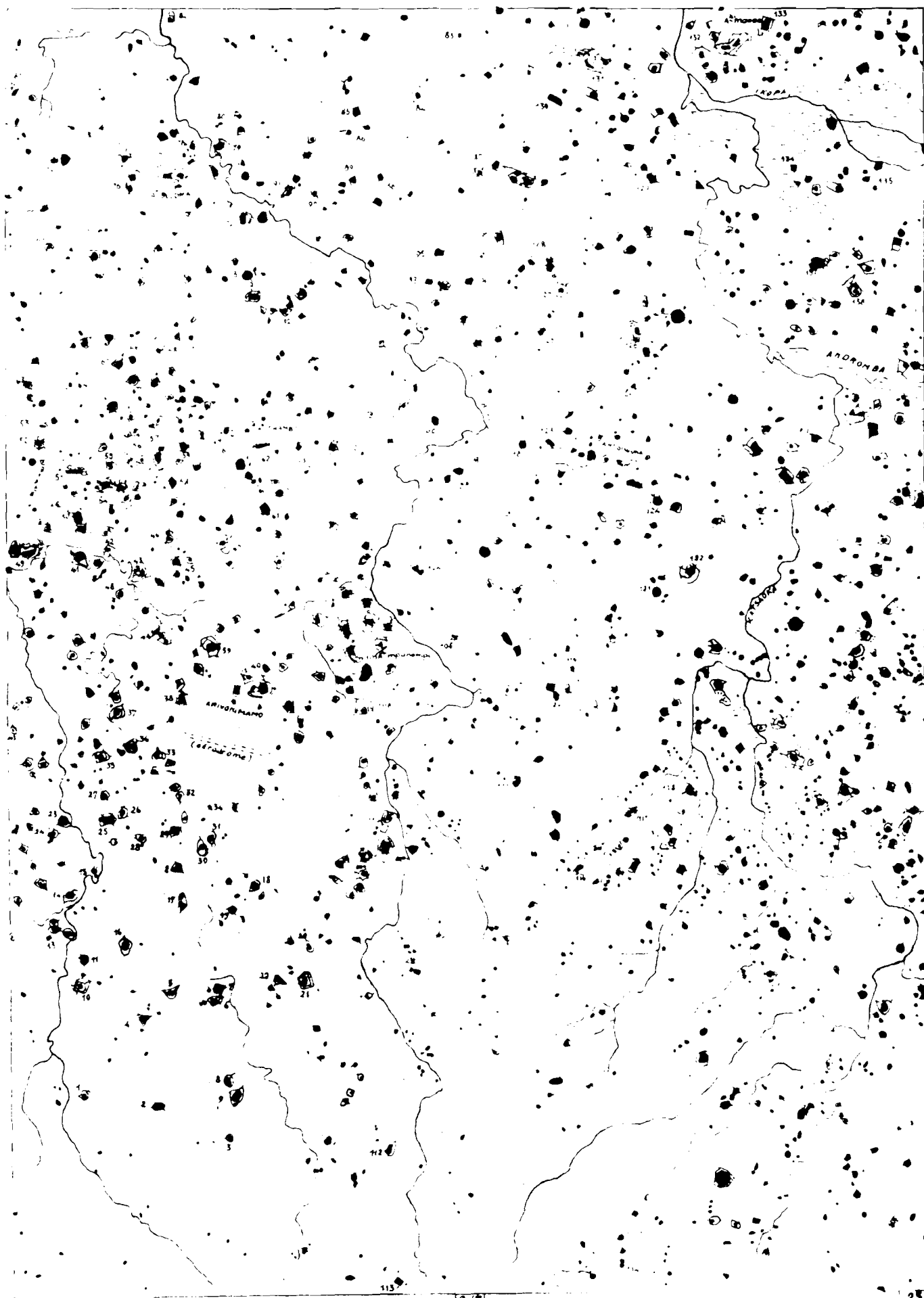


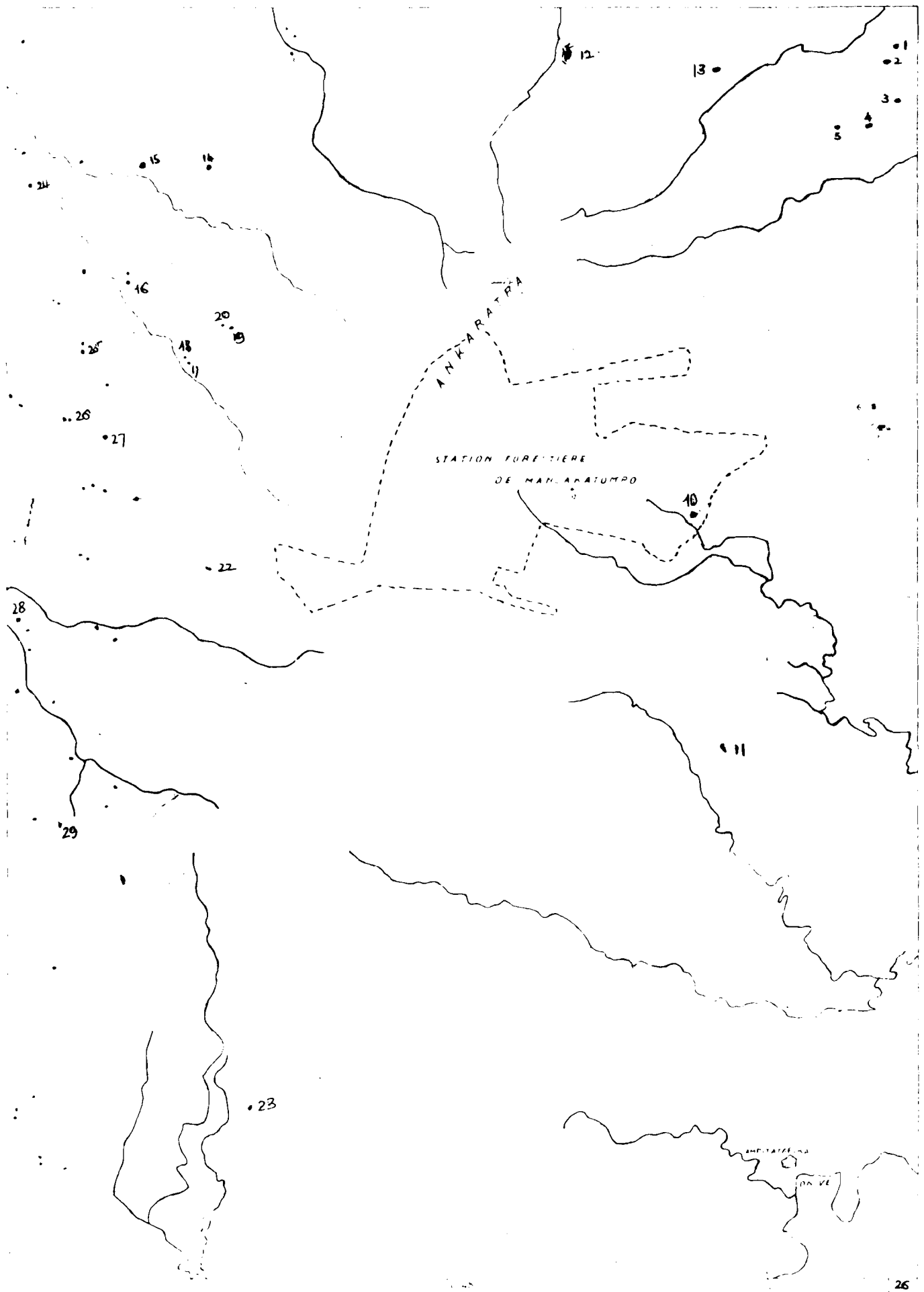


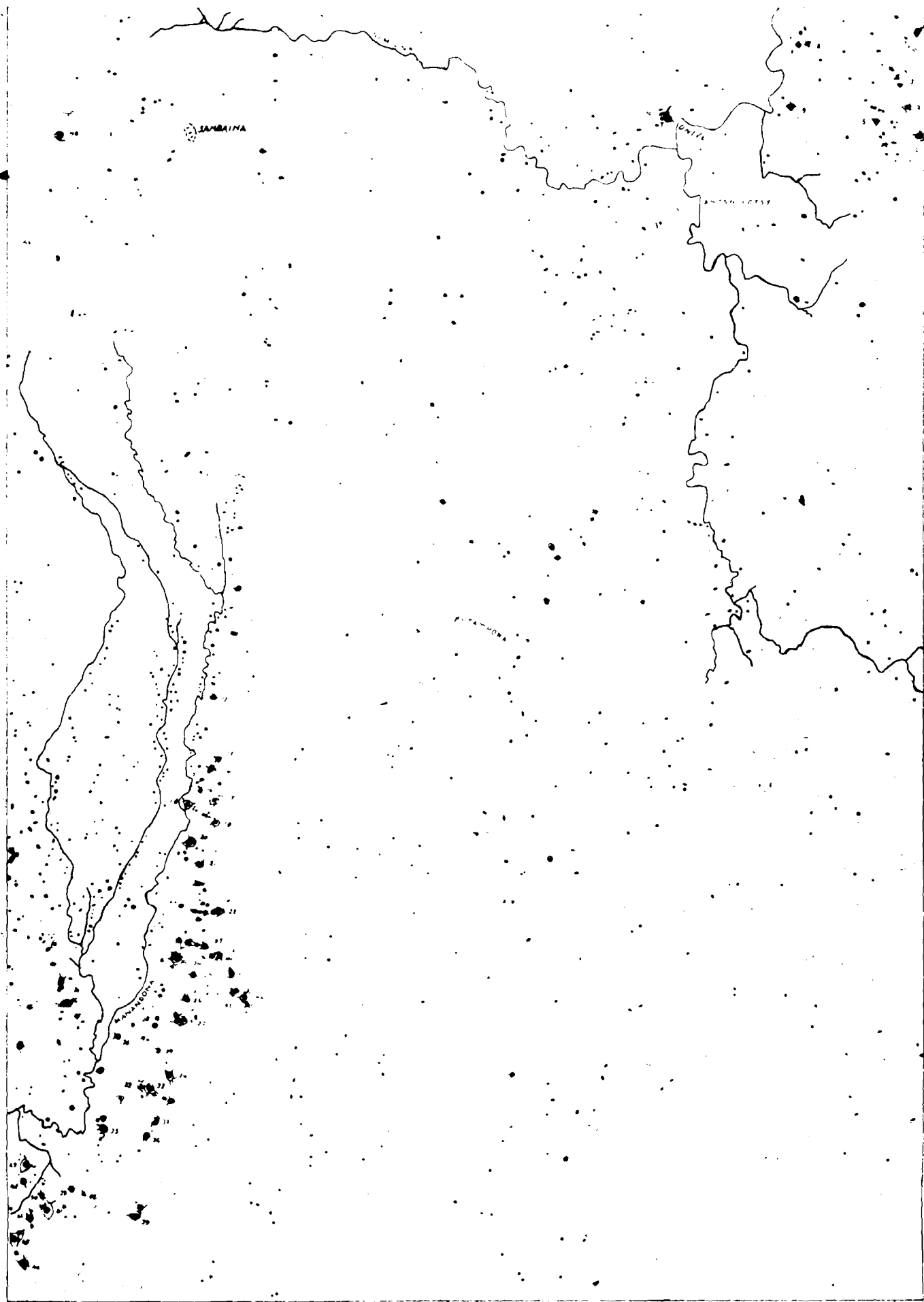


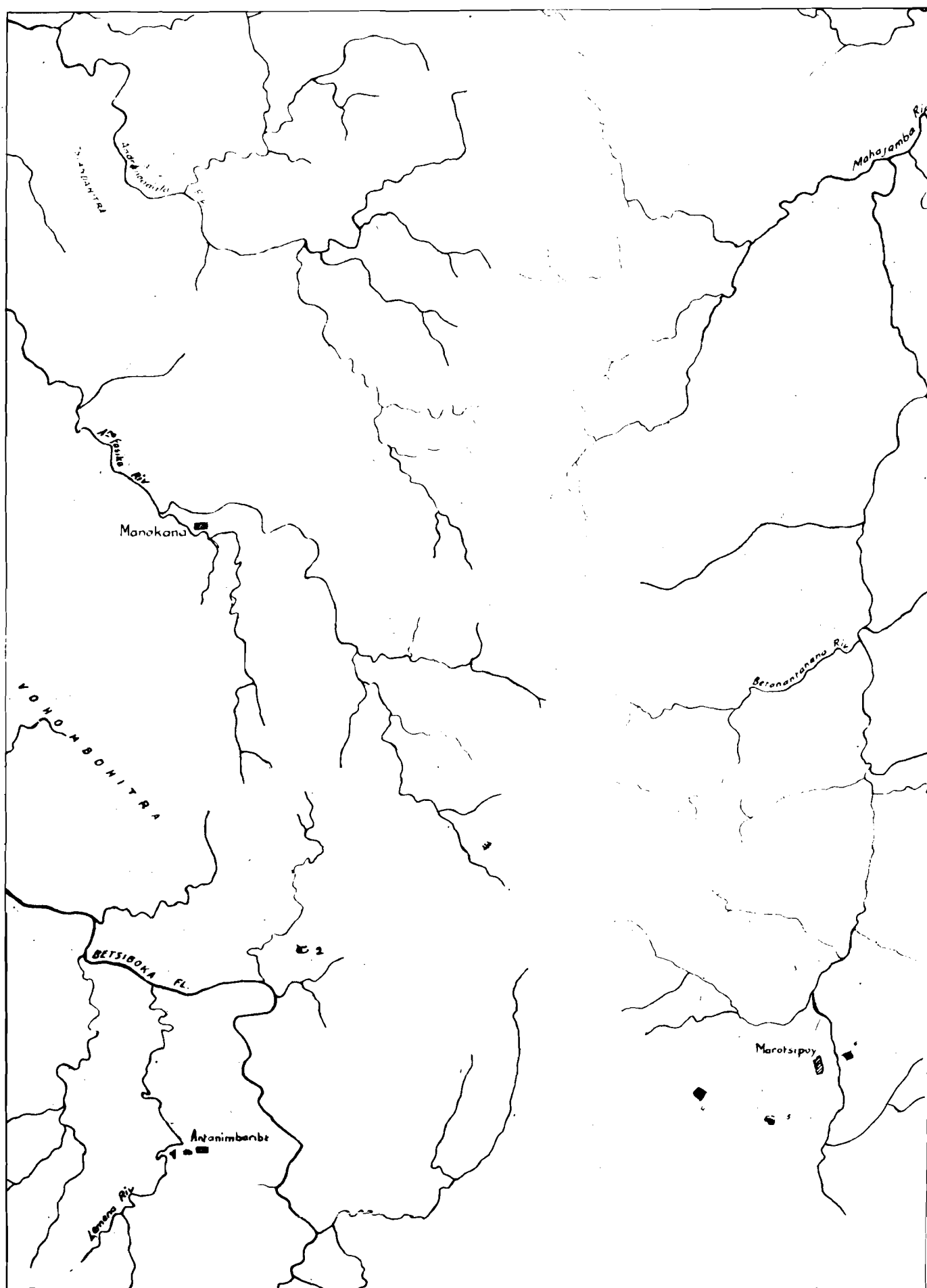


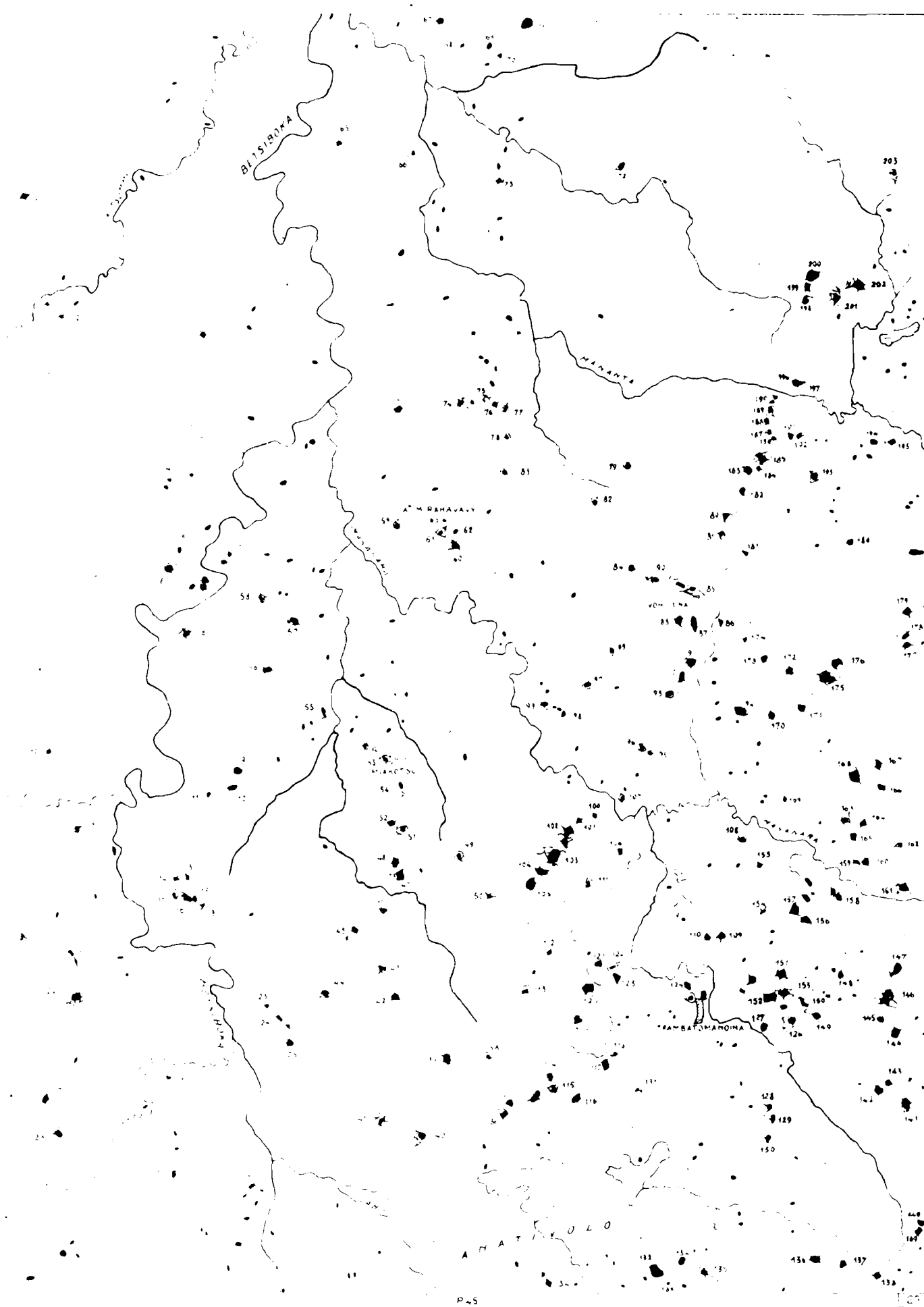


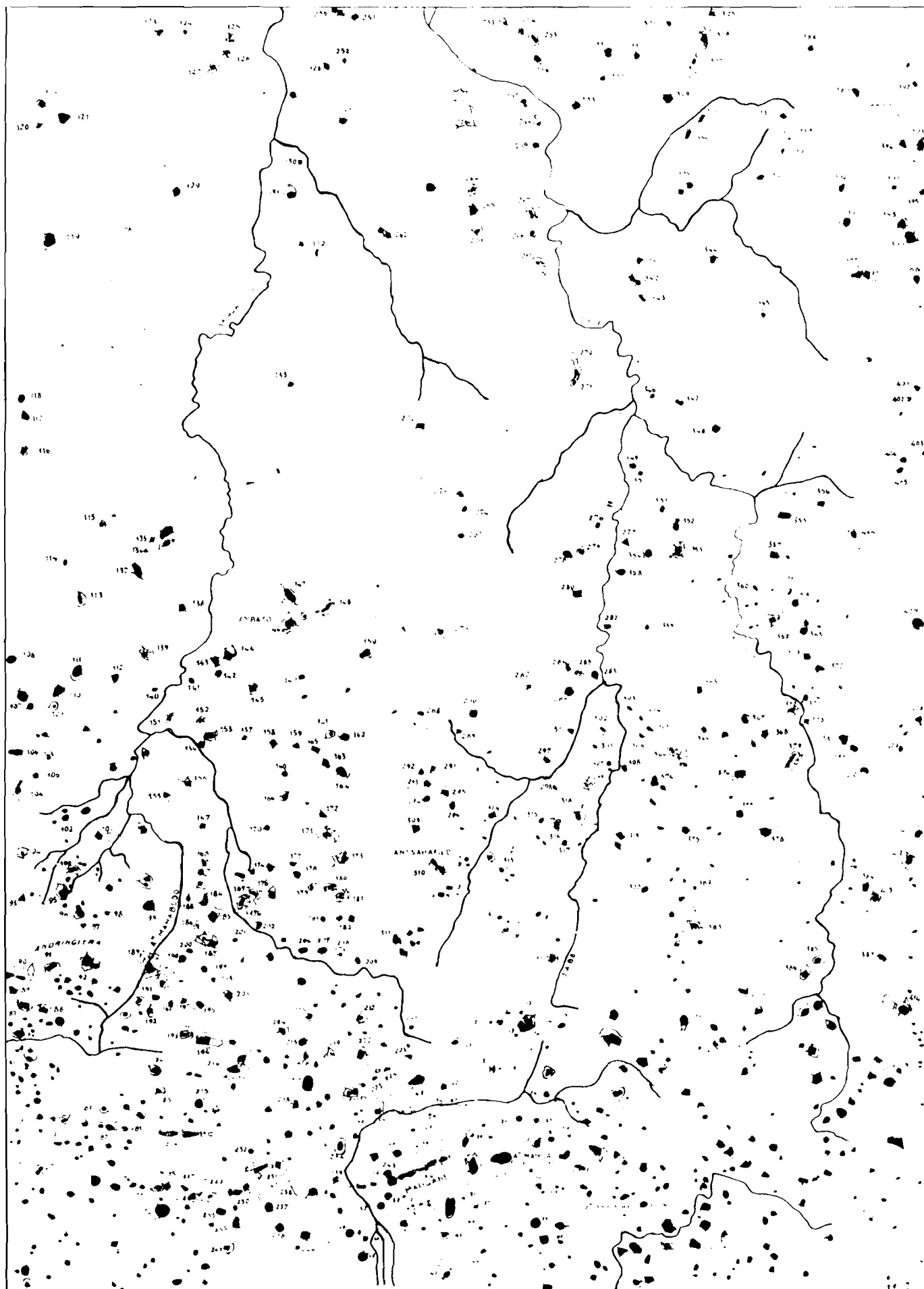




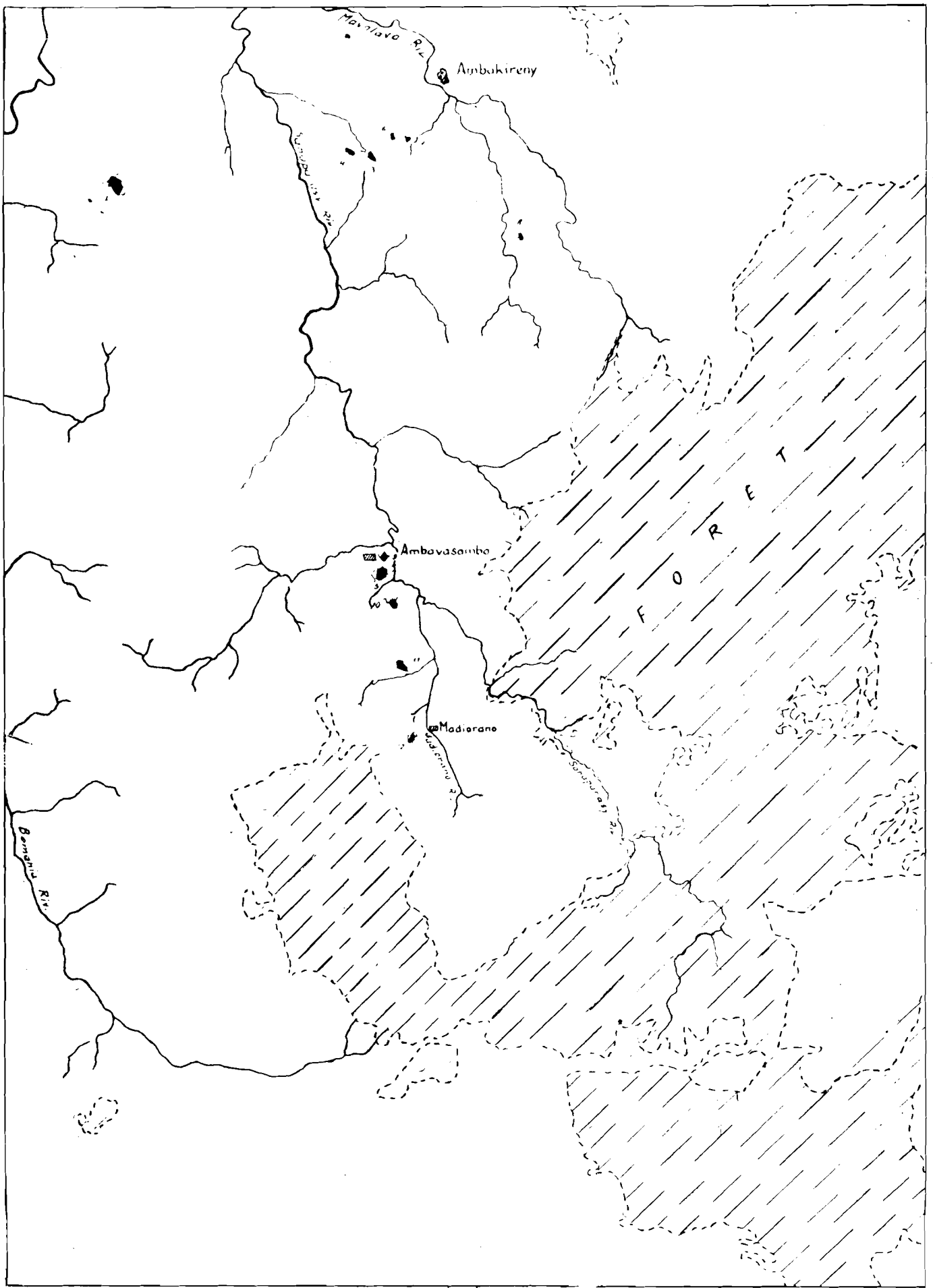


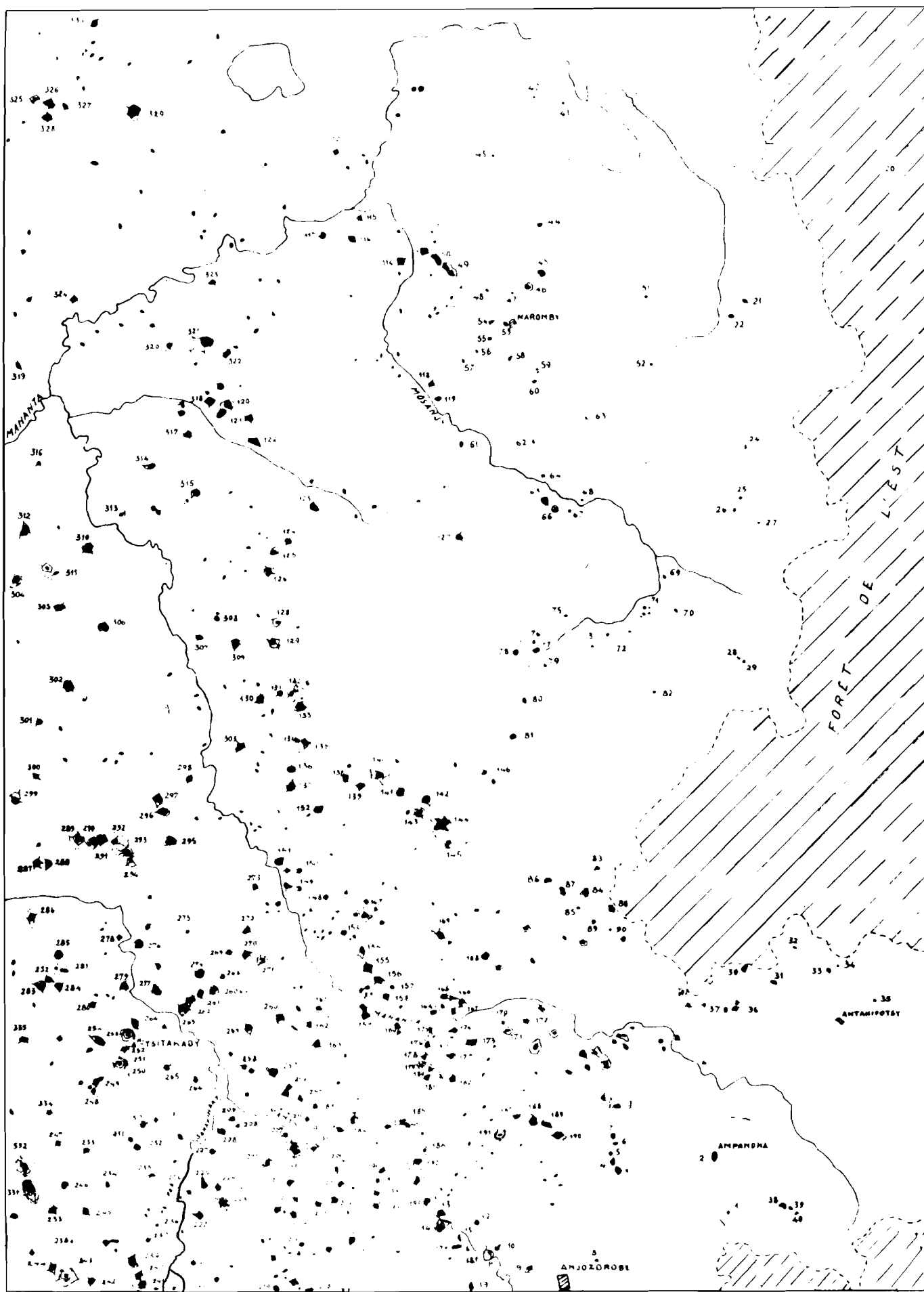


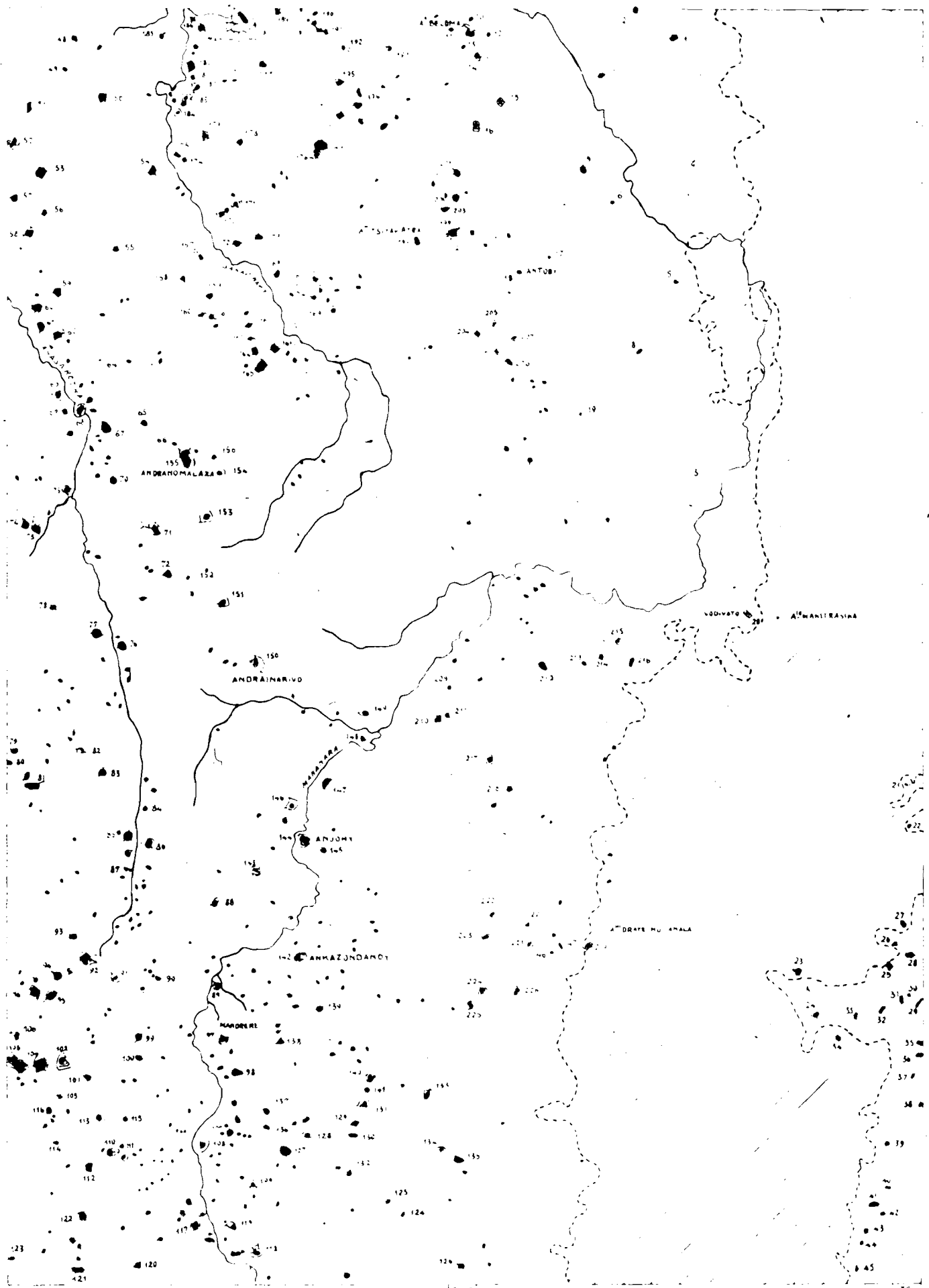


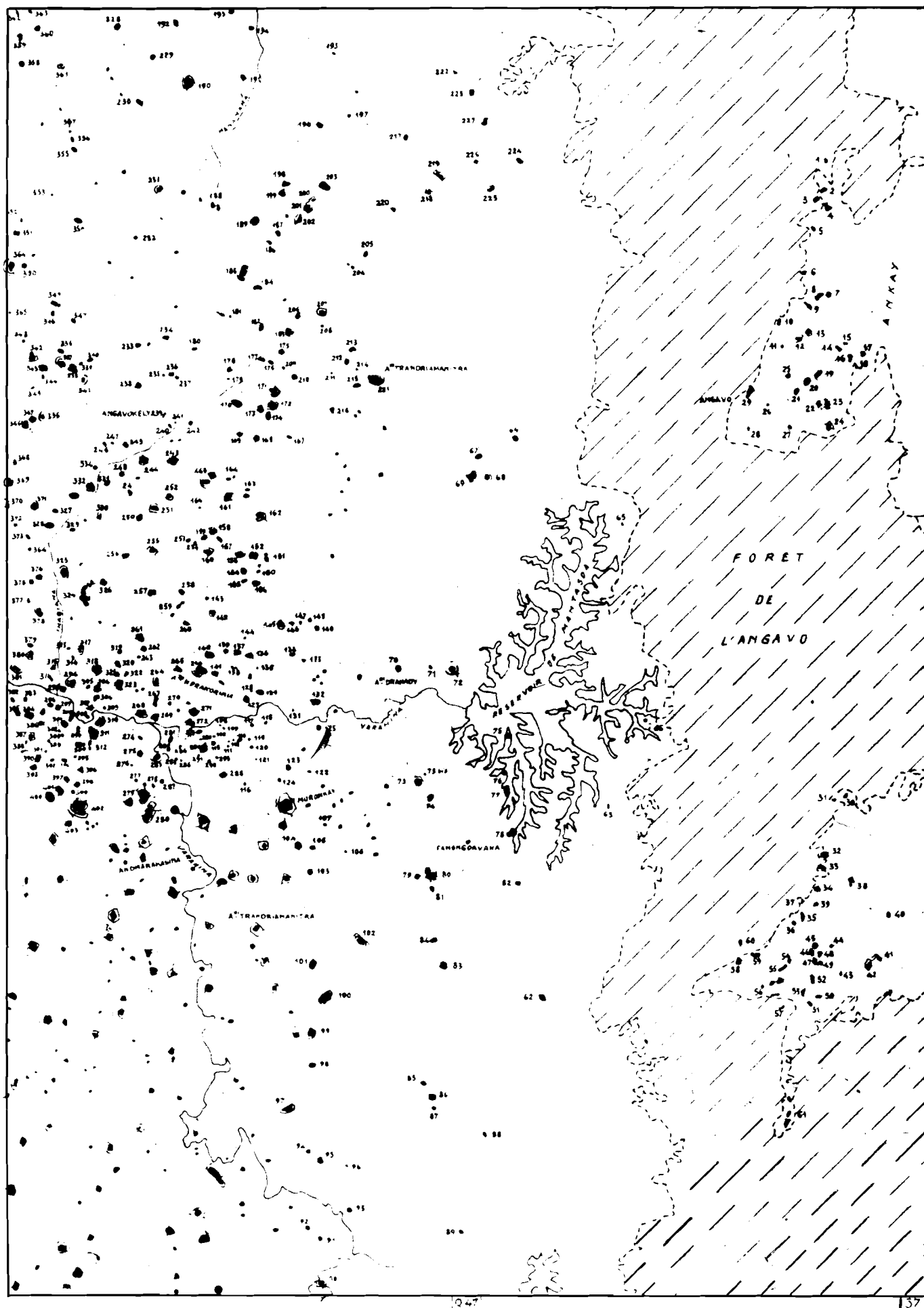


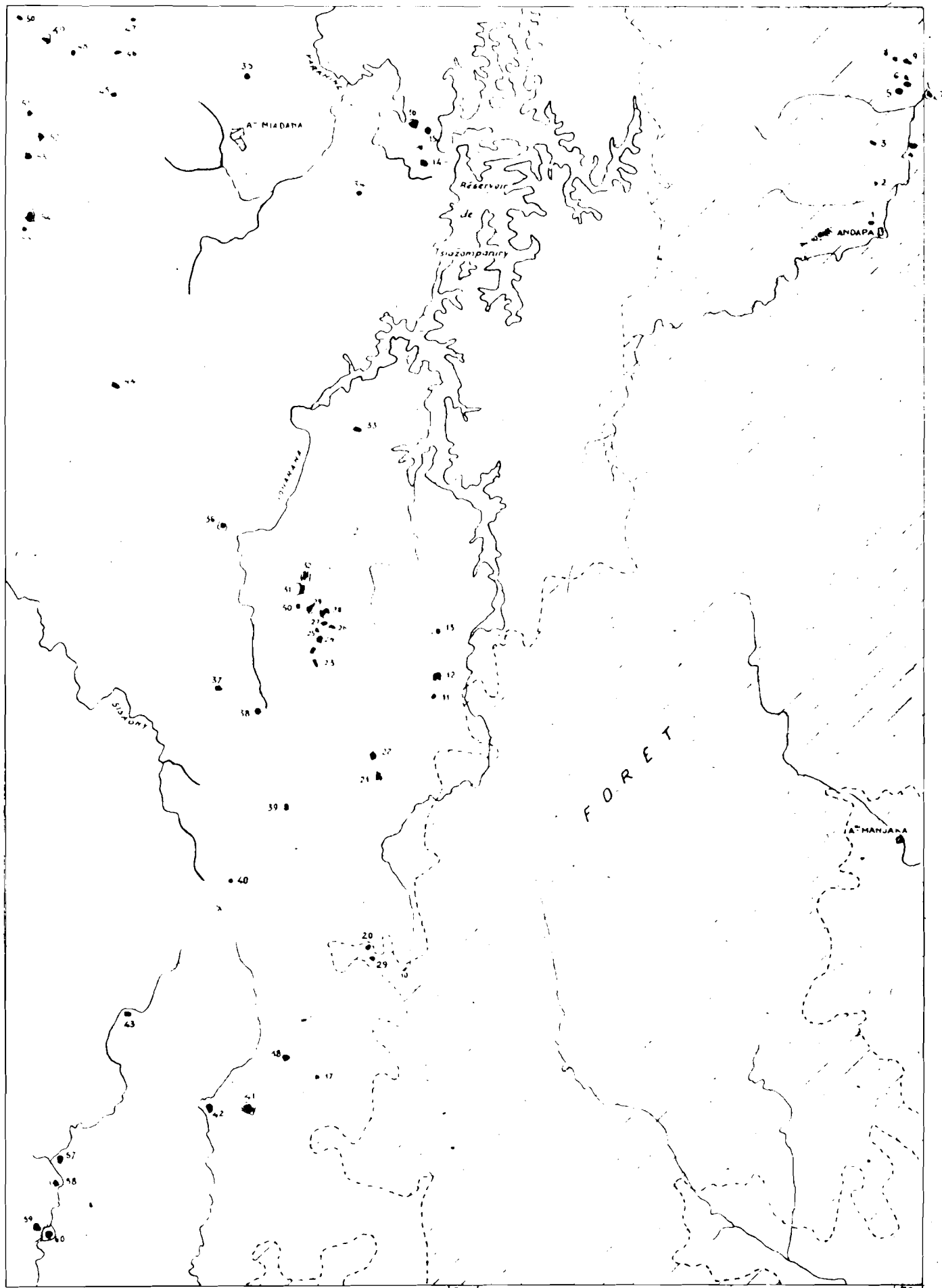


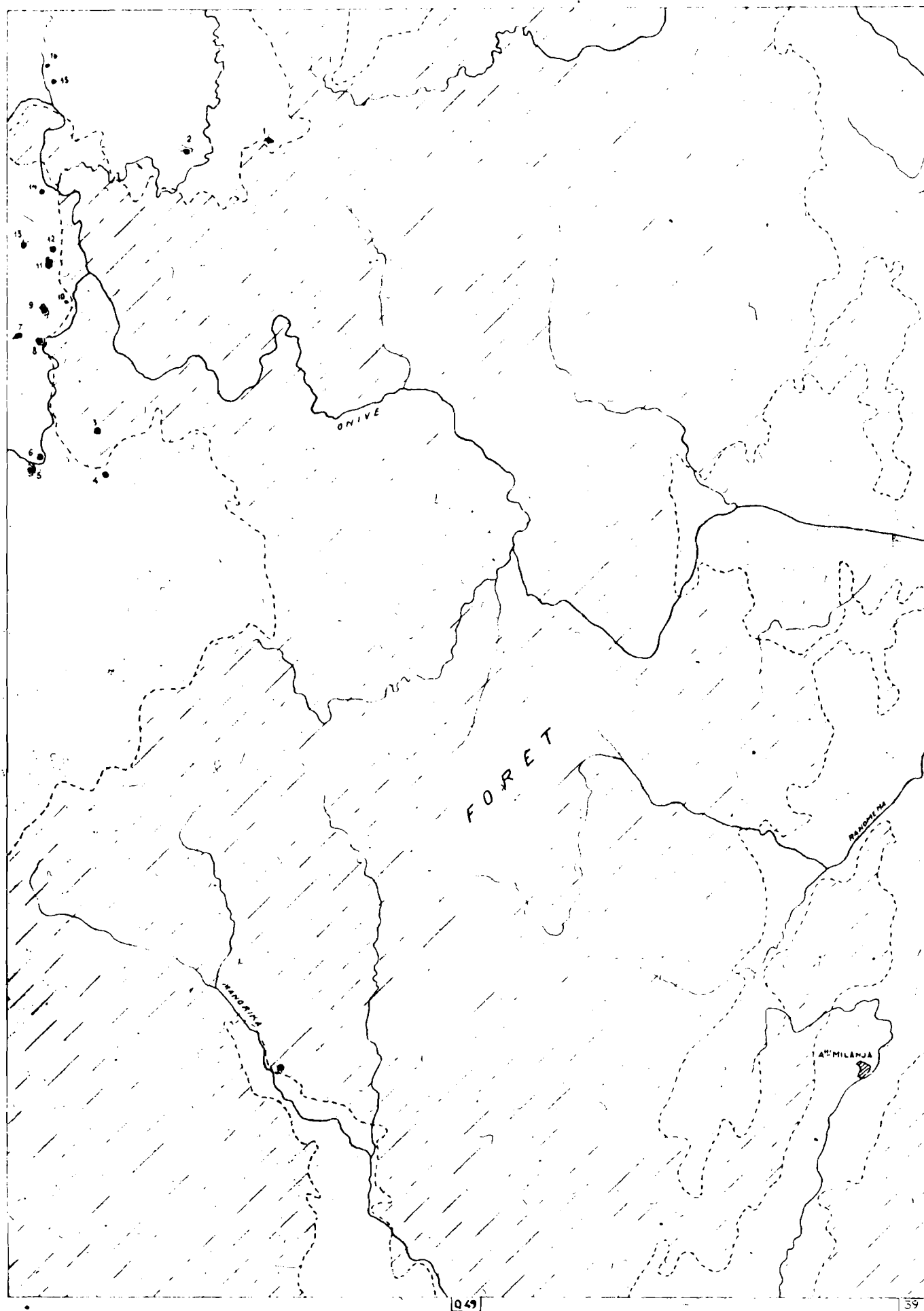






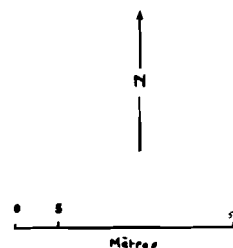
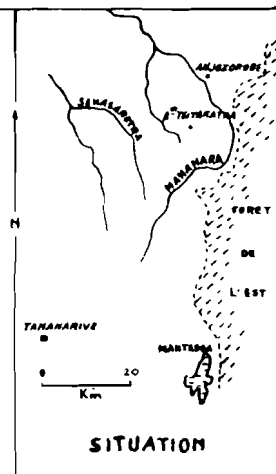
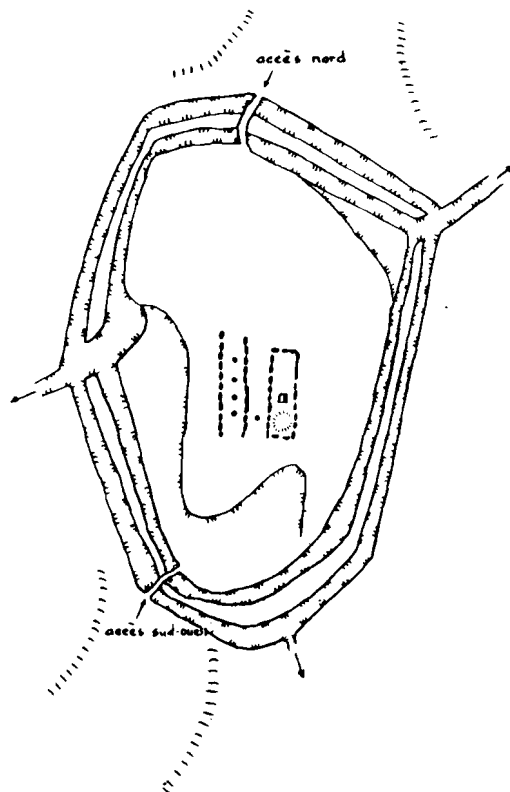




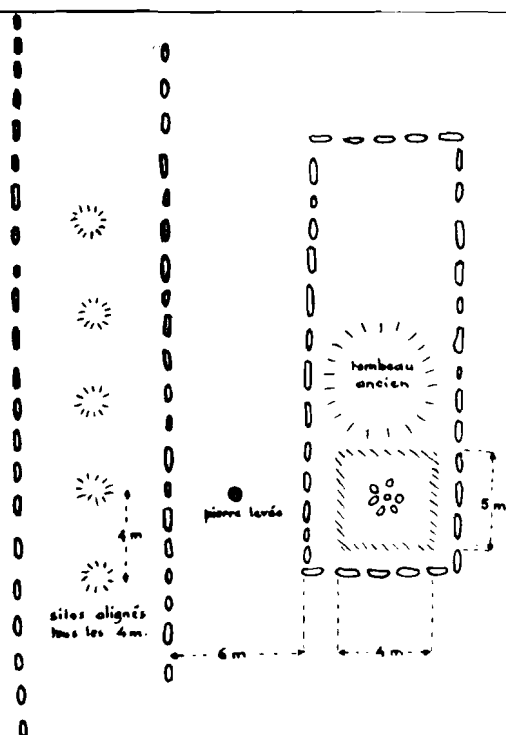


AMBOHITSITAKATRA

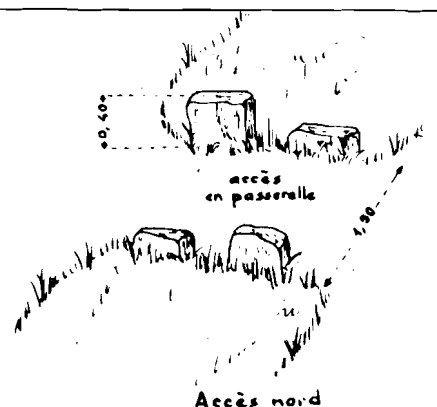
Feuille Q 46/198 x = 846,9 y = 547,5



4

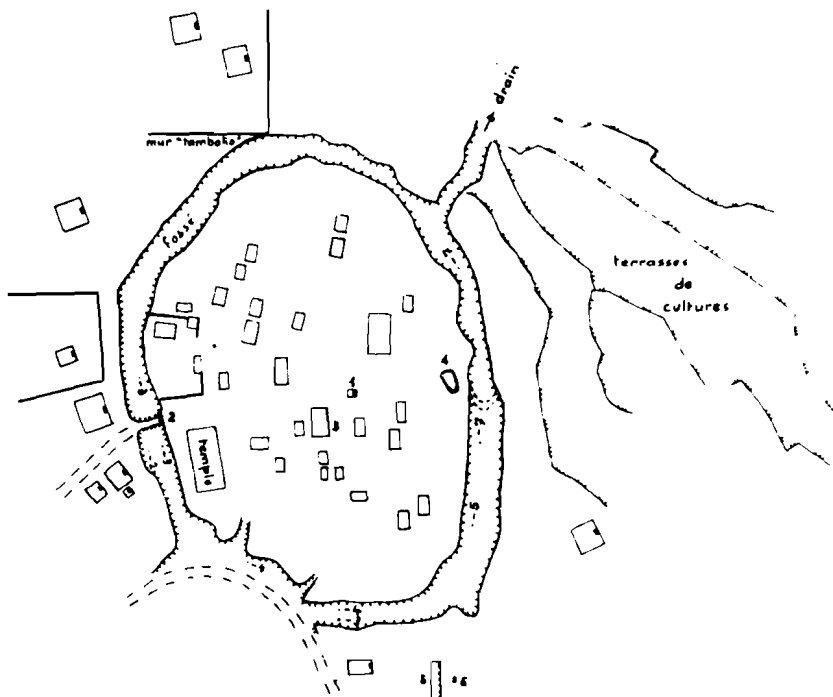
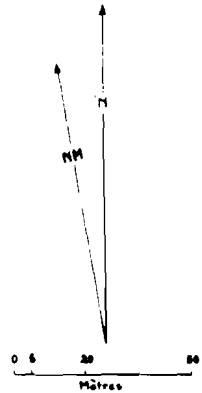
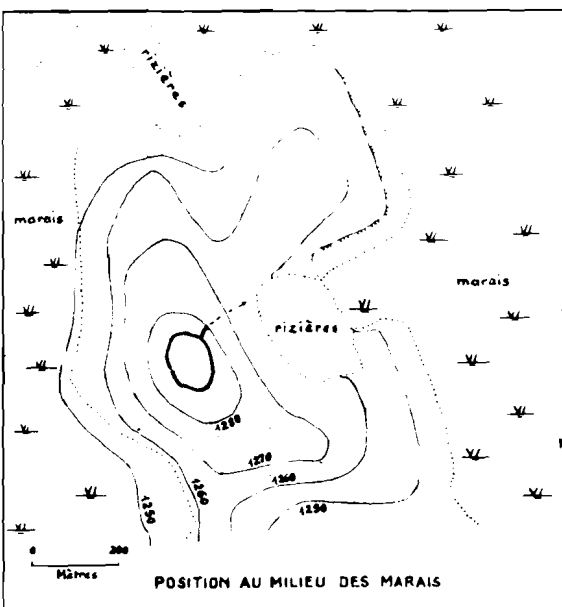
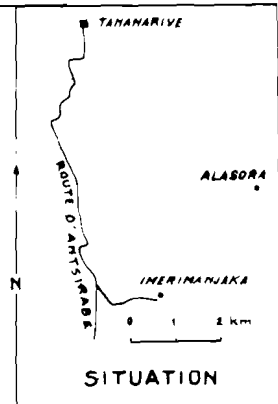


Détail fossés



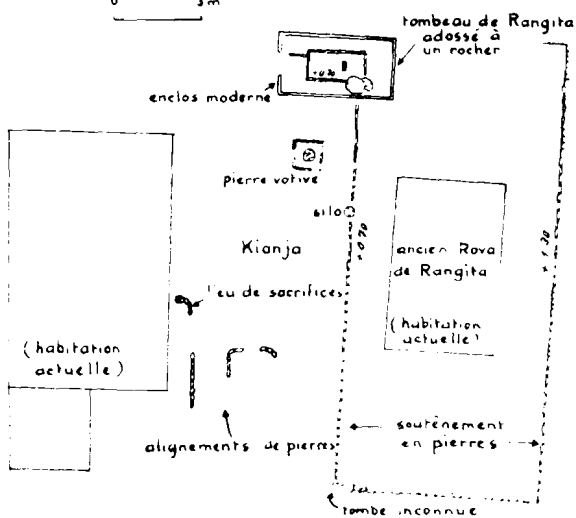
IMERIMANJAKA

Feuille P47/479 x = 791,2 y = 516,8



CROQUIS DE L'ANCIEN ROVA

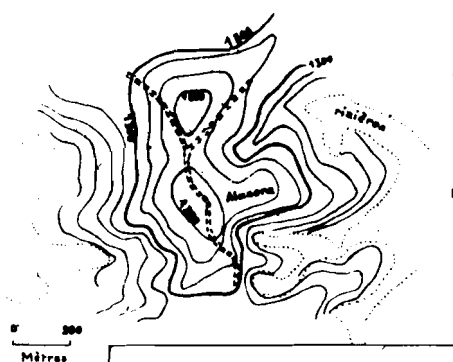
0 3 m



LÉGENDE

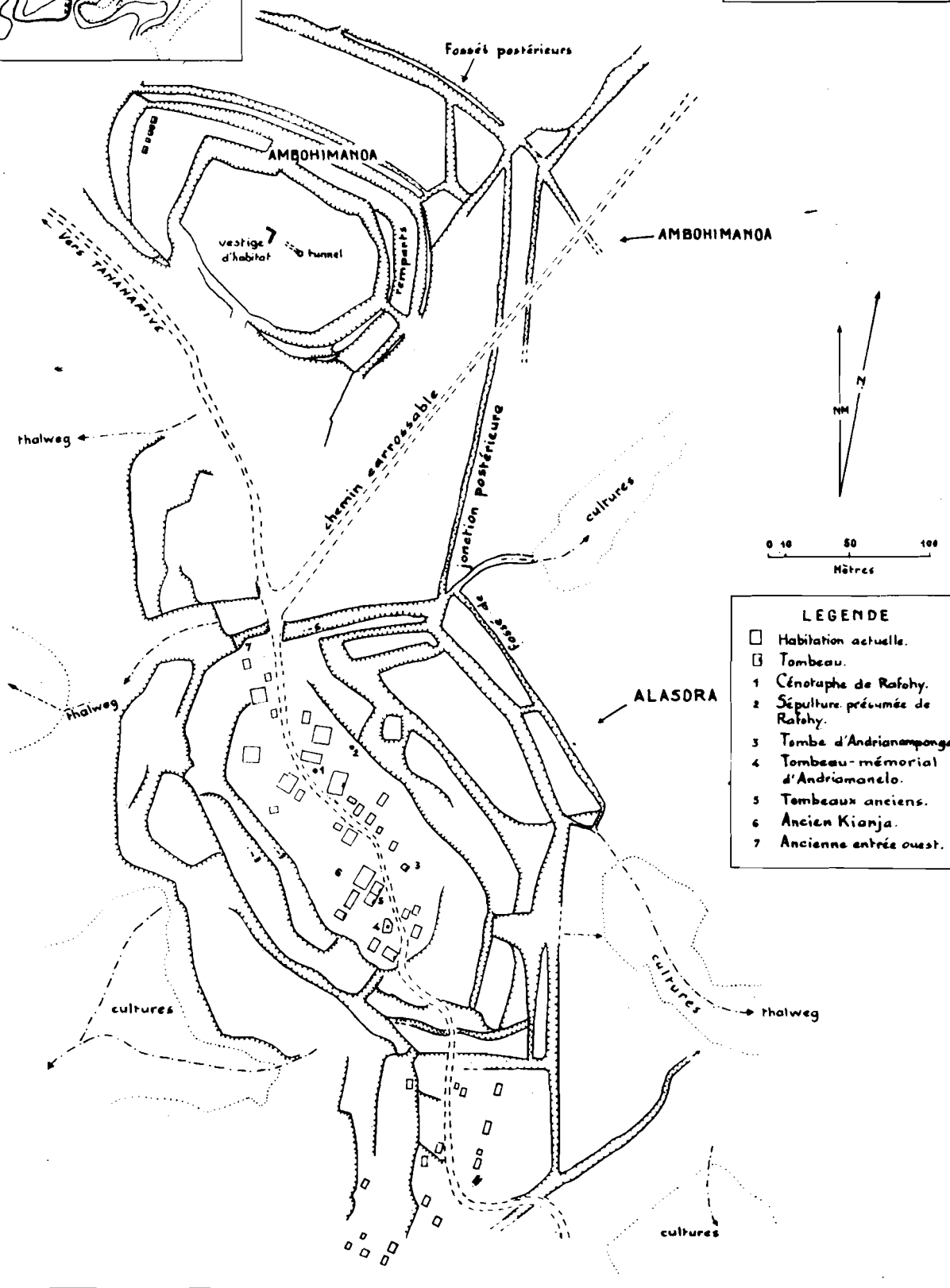
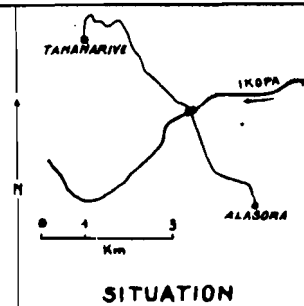
- tombeau.
- habitation actuelle.
- mur "tamboko".
- 1. tombeau de Rangita et Rafahy.
- 2. monolithes de l'entrée.
- 3. ancien Kianja.
- 4. fosse à bœufs empierrée.
- 5. tombeau fitolahy (sept à la fin).
- 6. pierre levée d'offrandes.

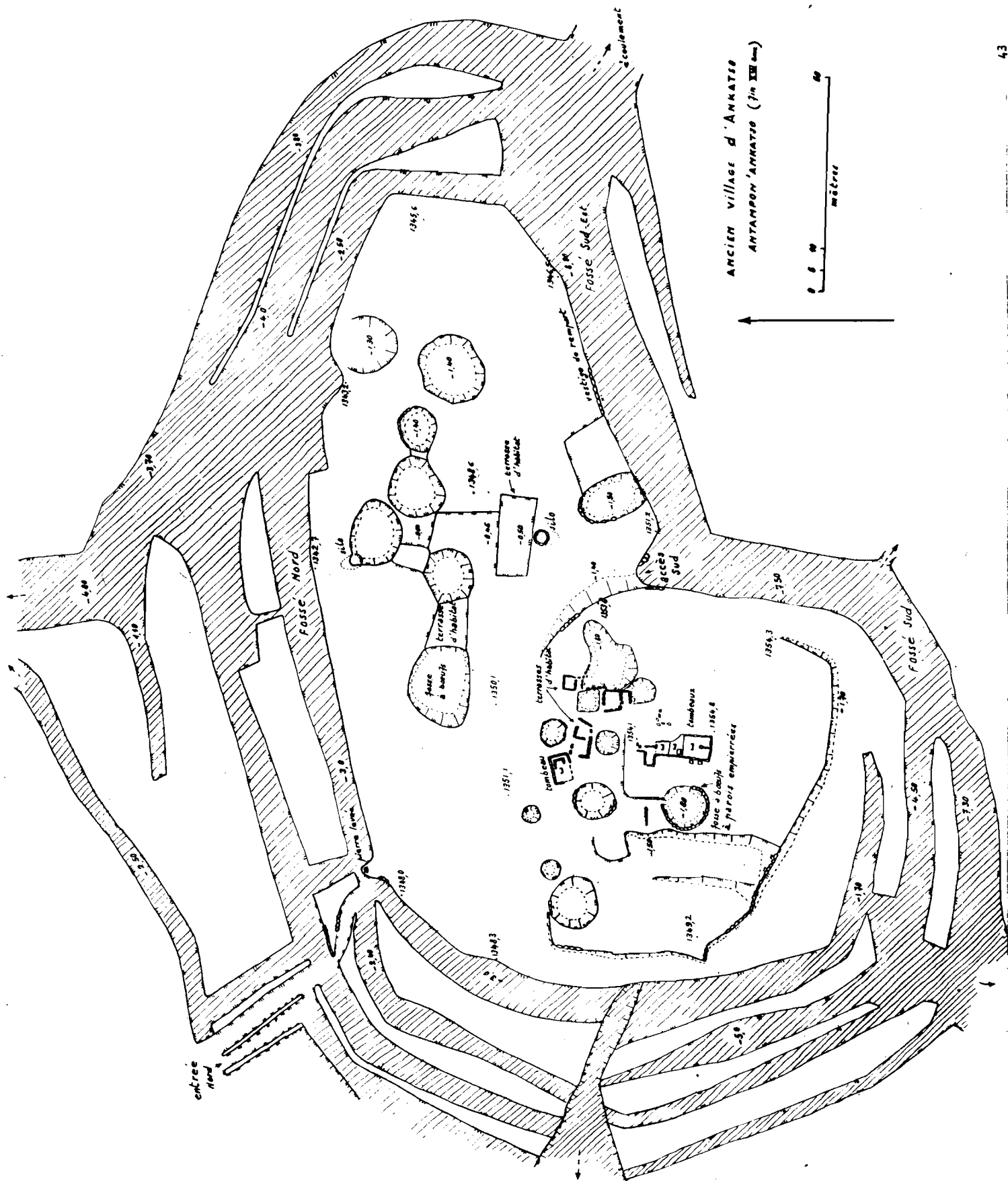
Position en courbes de niveau



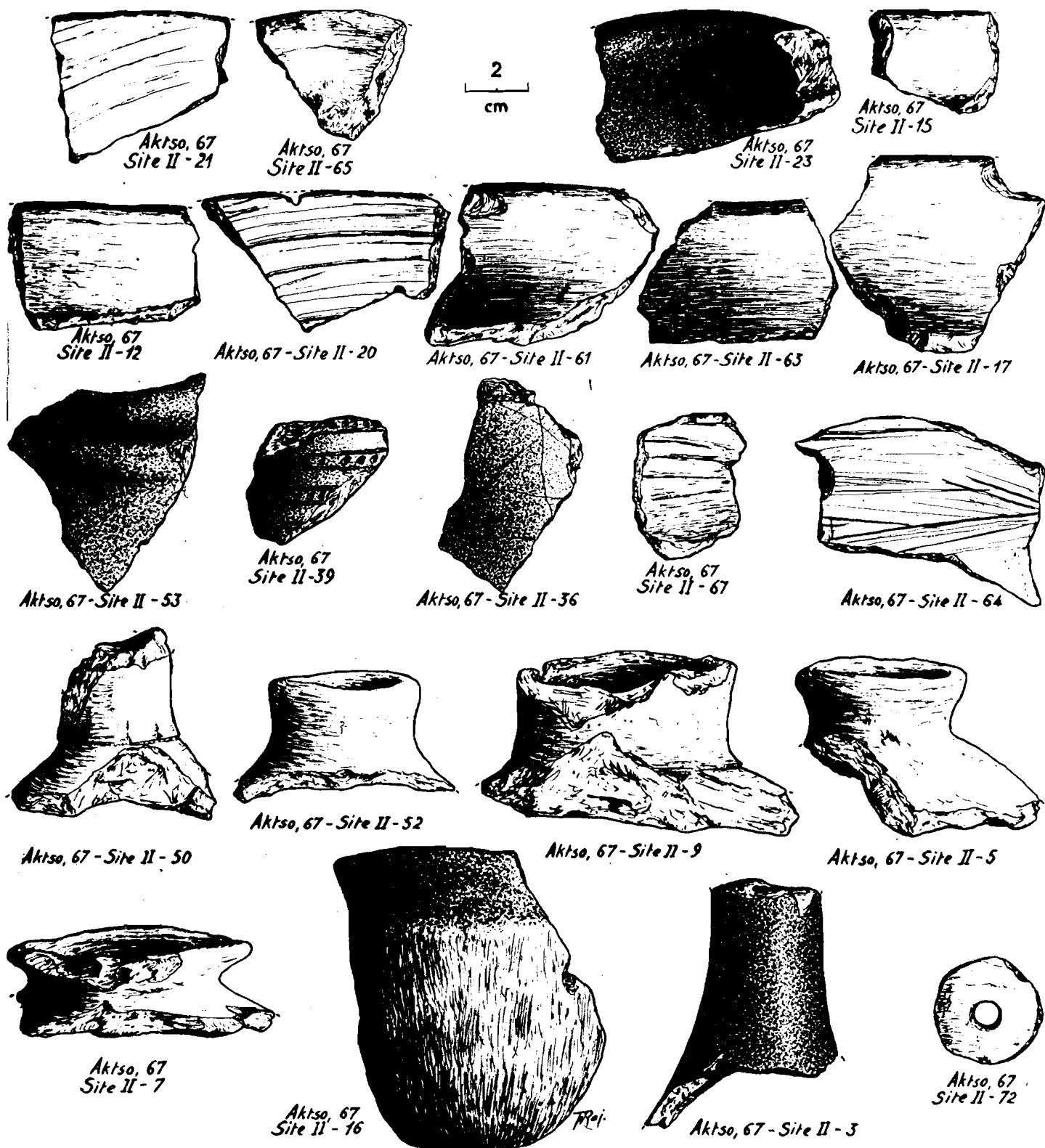
ALASORA

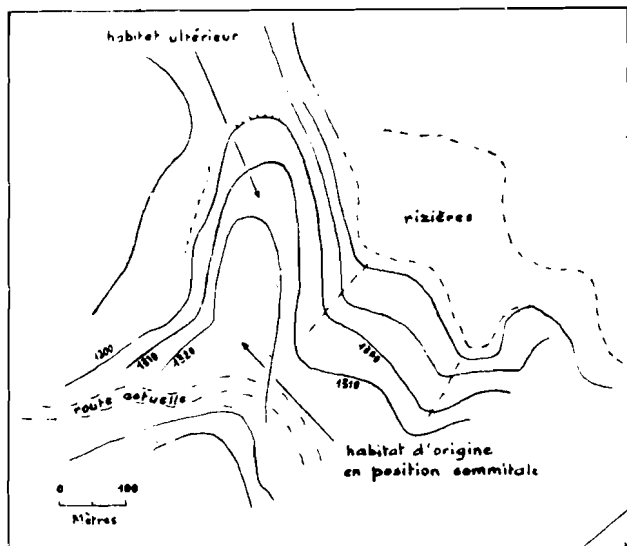
Feuille P47/466 x = 793,5 y = 519,1





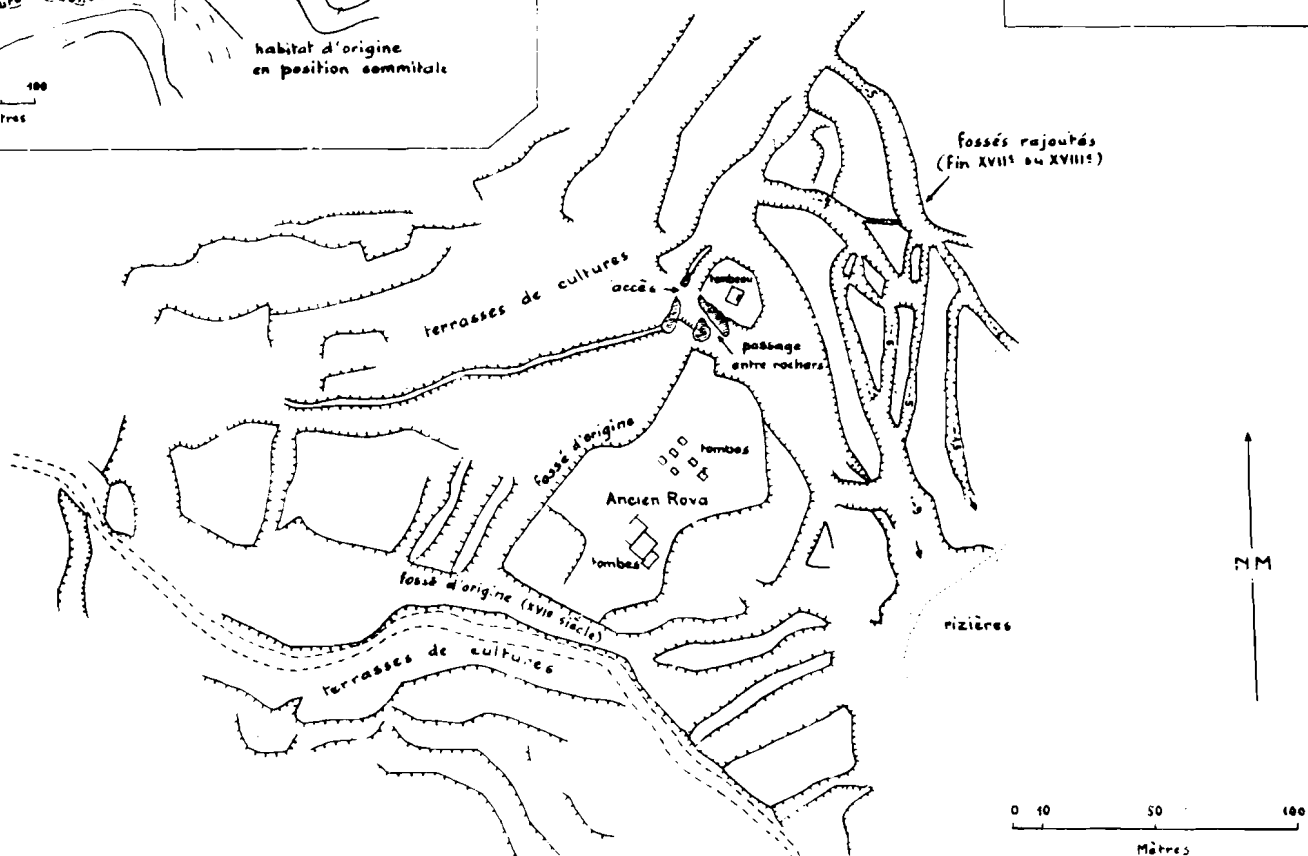
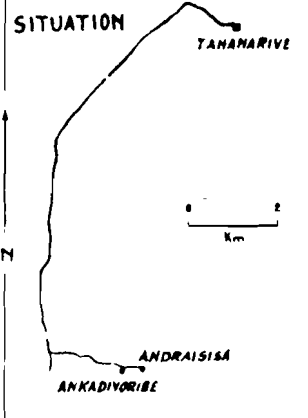
Ankatso Site II



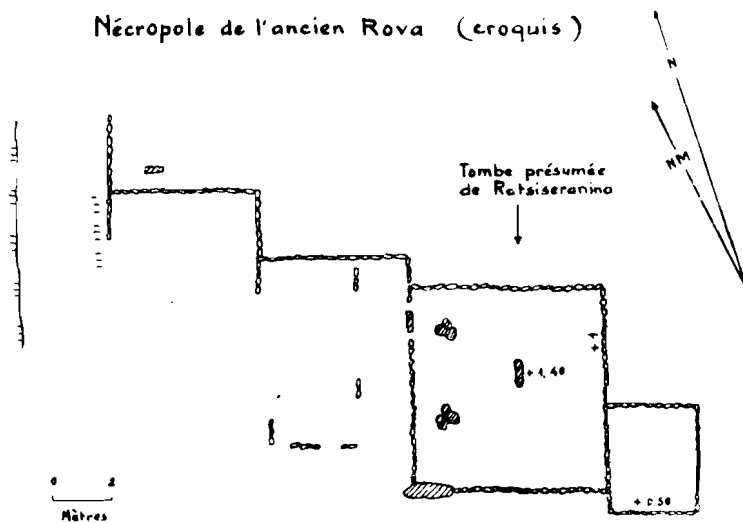


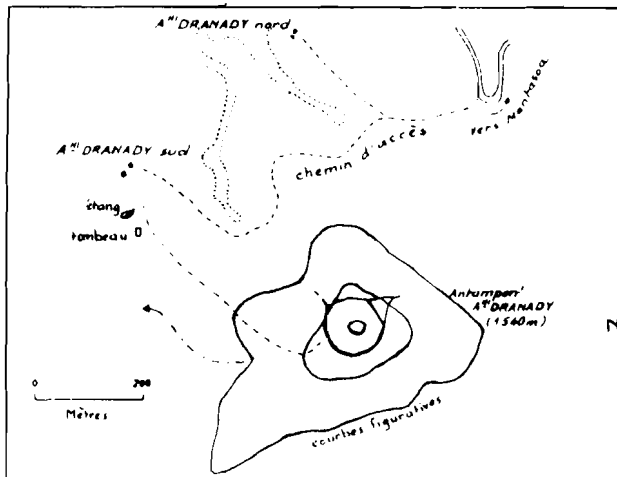
ANDRAISISA

Feuille P47/501 x = 789,7 y = 512,1



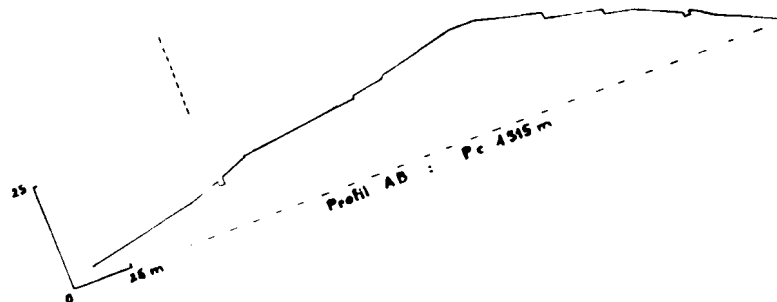
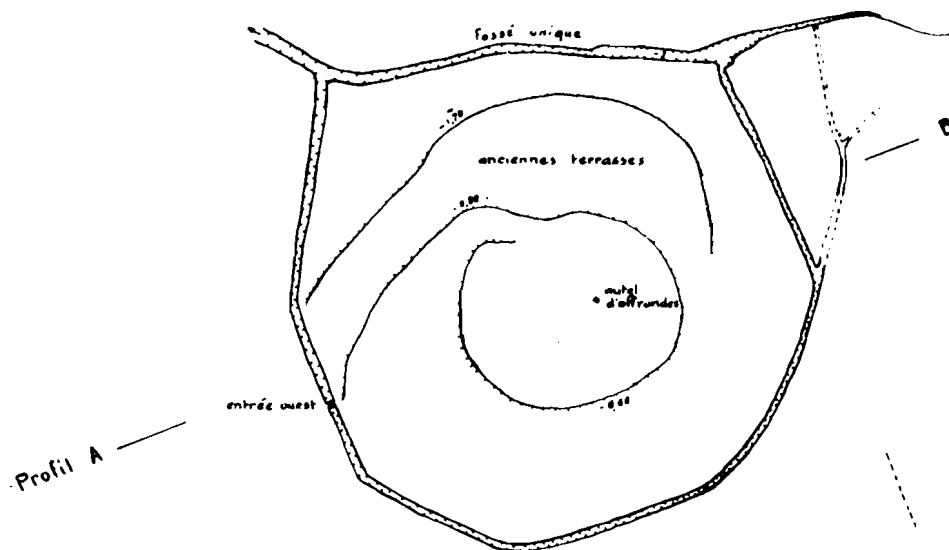
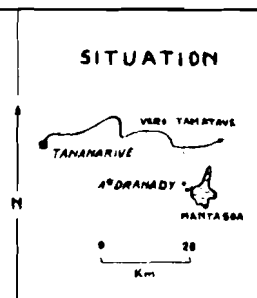
Nécropole de l'ancien Rova (croquis)



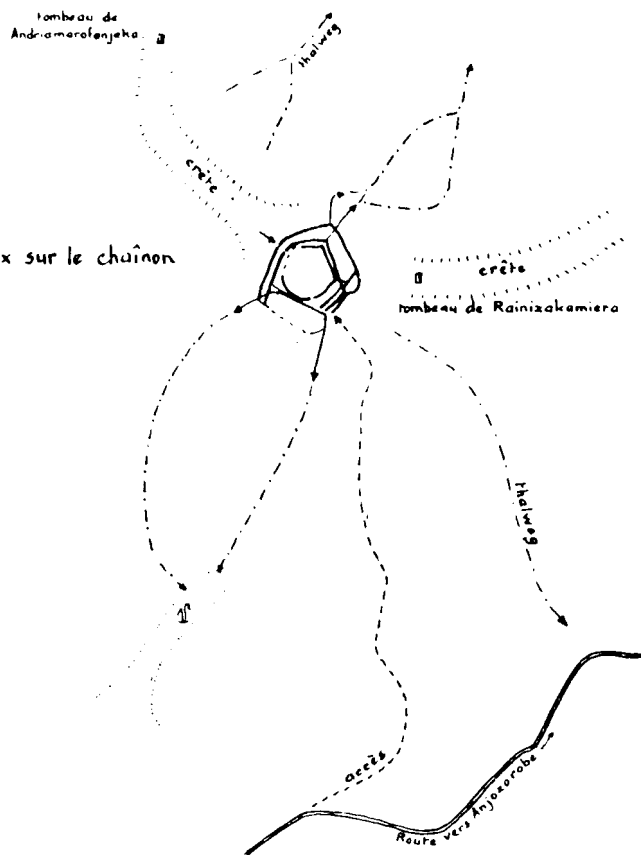


AMBOHIDRANADY

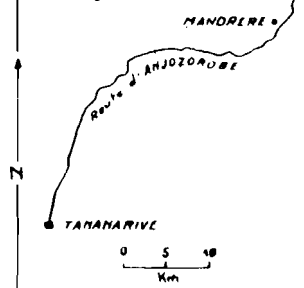
Feuille Q47/70 x = 787,8 y = 546,4



Position des tombeaux sur le chaînon



SITUATION

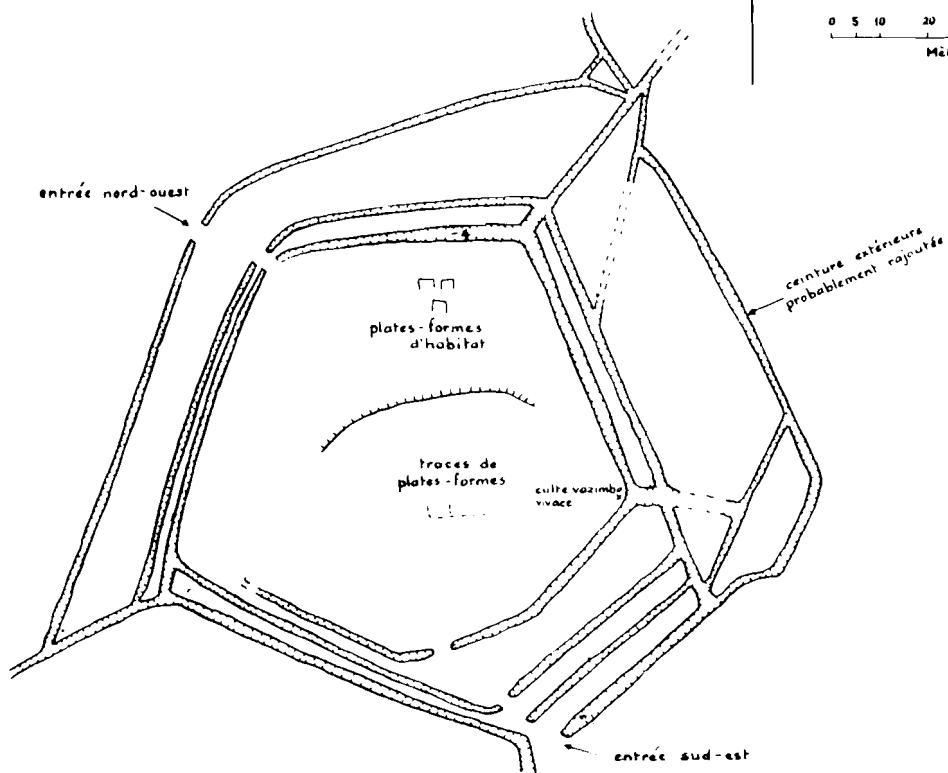


0 100 200 400
Mètres

MANDRERE

N M

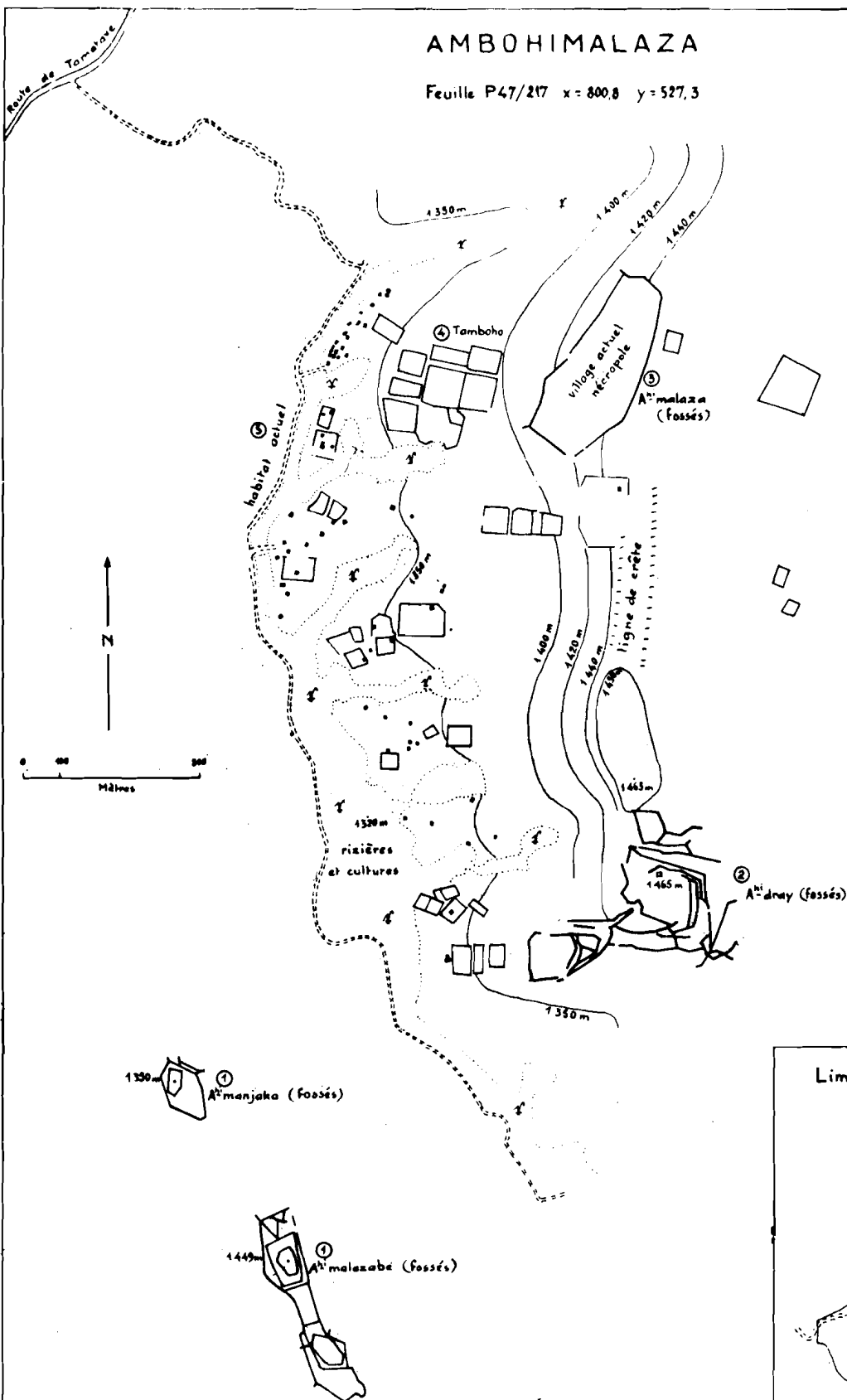
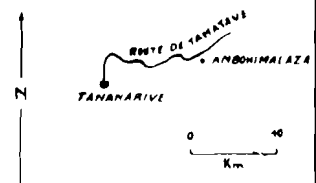
0 5 10 20 50
Mètres



AMBOHIMALAZA

Feuille P47/217 x=800,8 y=527,3

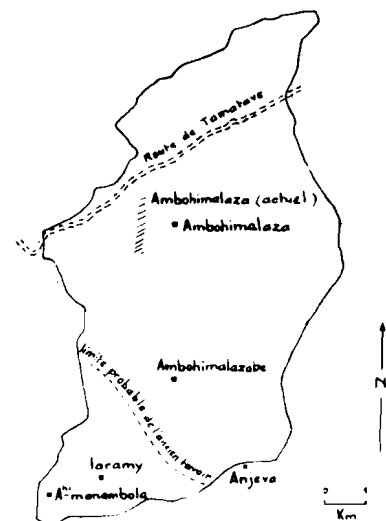
SITUATION

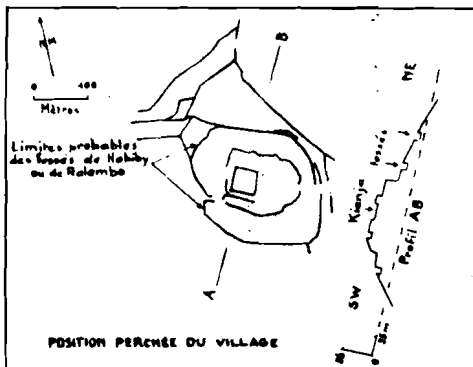


Evolution et descente de l'habitat

- ① Ambohimanjaka et Ambohimalazabe (début XVIII^e) - fossés -
- ② Ambohidray (milieu XVIII^e) - fossés -
- ③ Ambohimalaza (vers 1730) - fossés -
- ④ "Tamboho" sur versants (dès 1810).
- ⑤ Habitat actuel, près des axes routiers et des rizières.

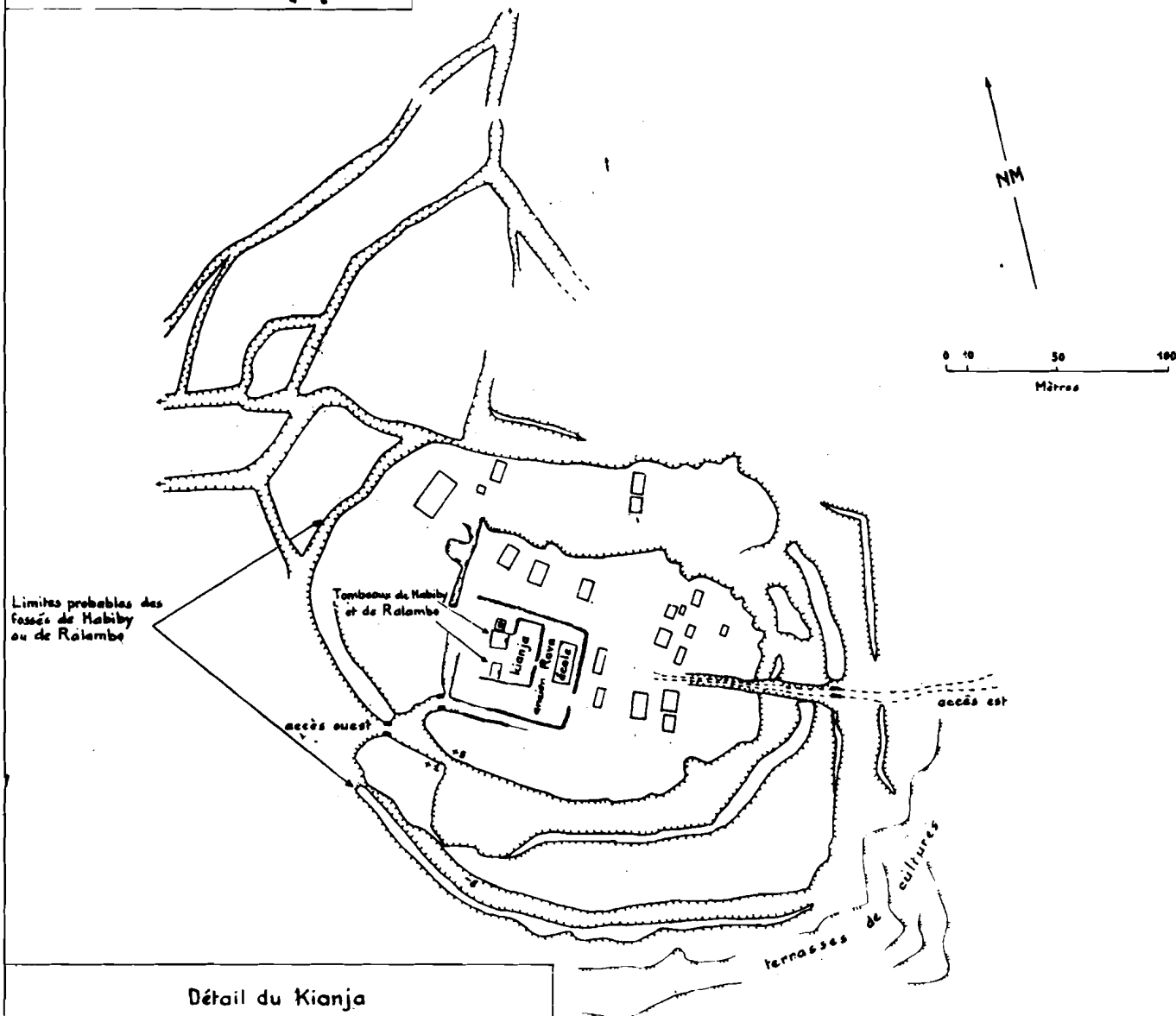
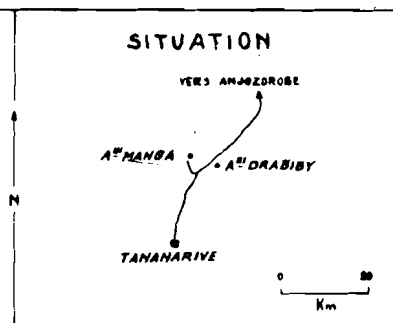
Limites du Canton actuel d'Ambohimalaza



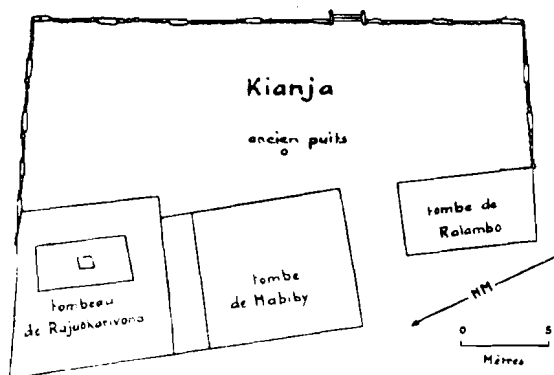


AMBOHIDRABIBY

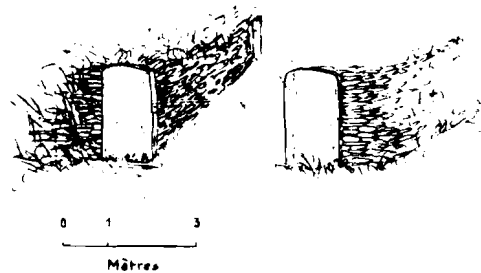
Feuille P46/416 $x = 813,6$ $y = 523,4$



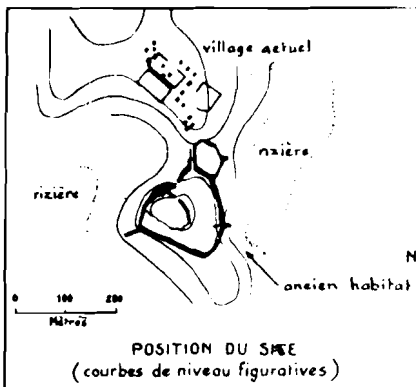
Détail du Kianja



Entrée ouest (extérieur)

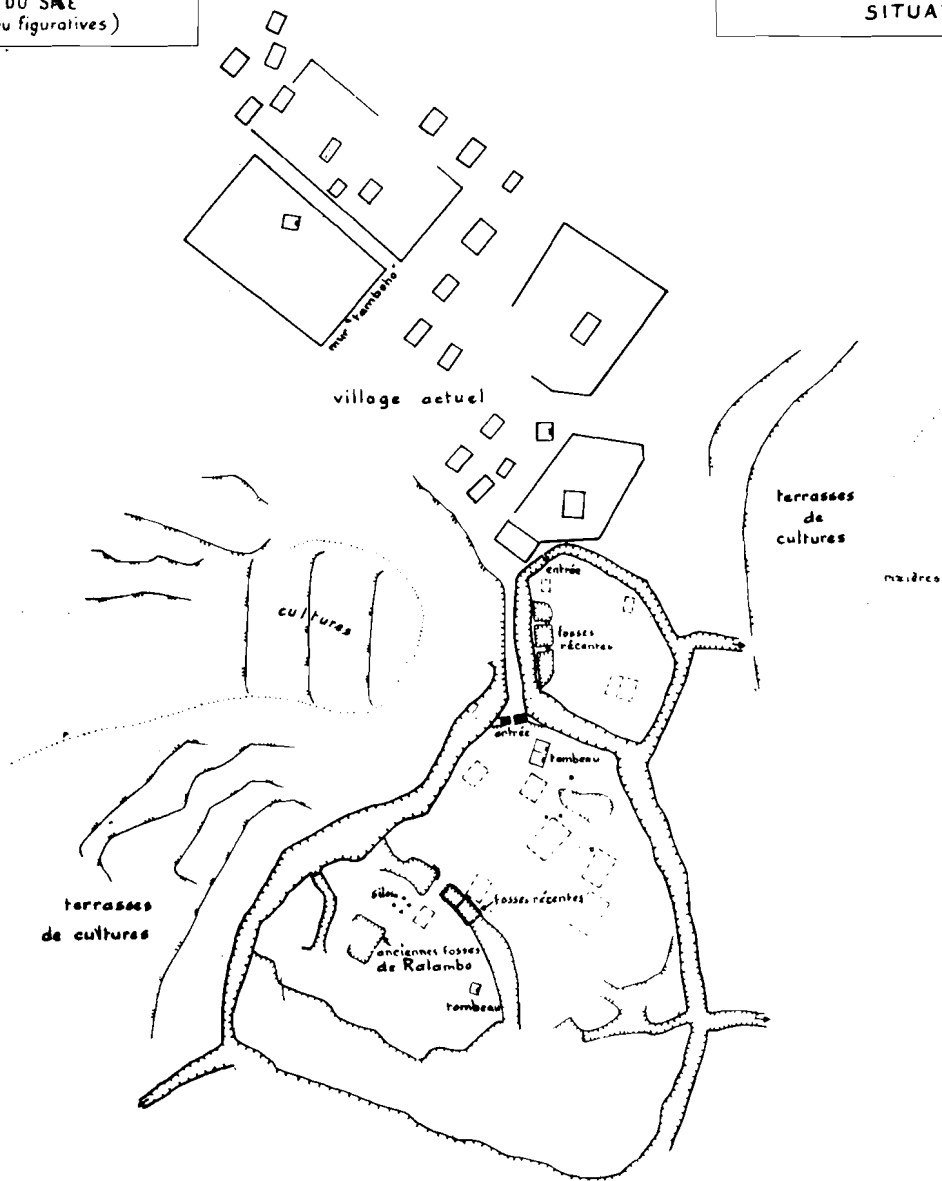
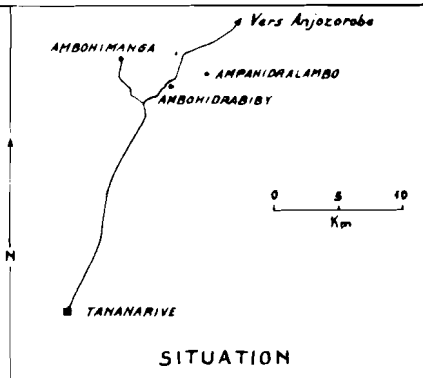


A. Milla, W. Majasitana



AMPAHIDRALAMBO

Feuille P46/416b x = 814,1 = 525,4



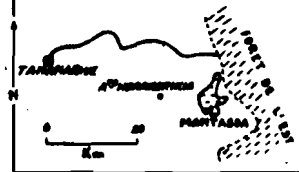
LEGENDE

- Site
- Tombeau
- Habitation en ruines
- Habitation actuelle

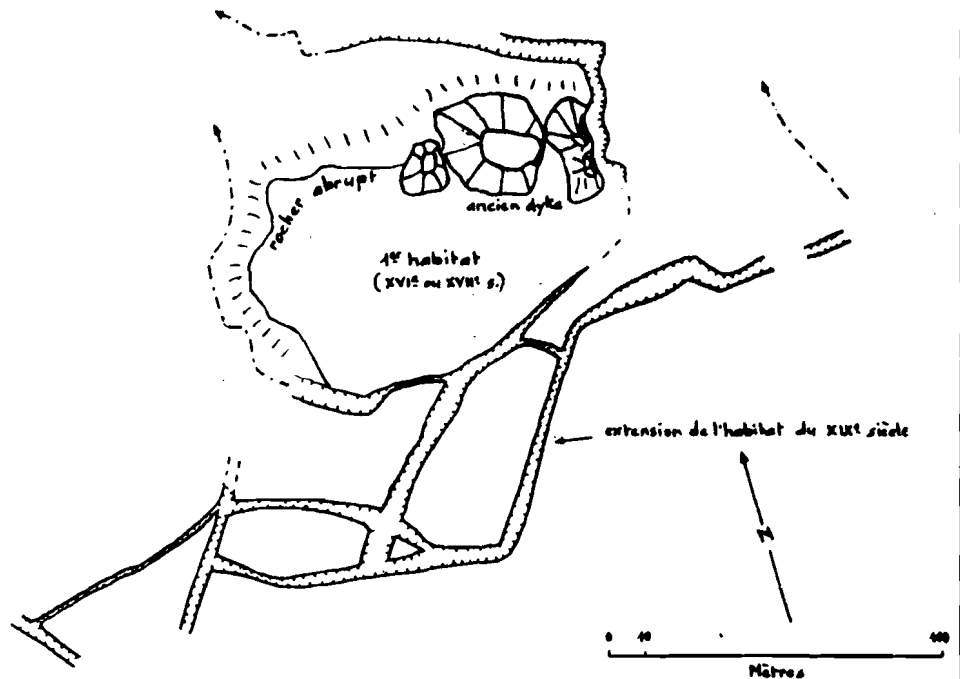
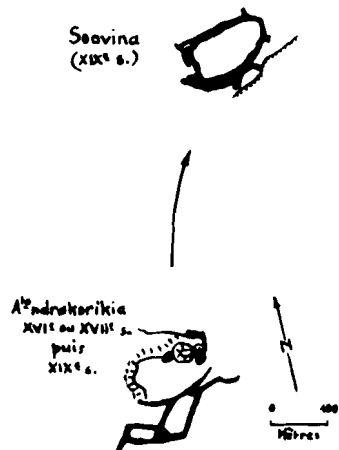
AMBATONDRAKORIKIA

Feuille Q 47/266 x = 787,8 y = 539,6

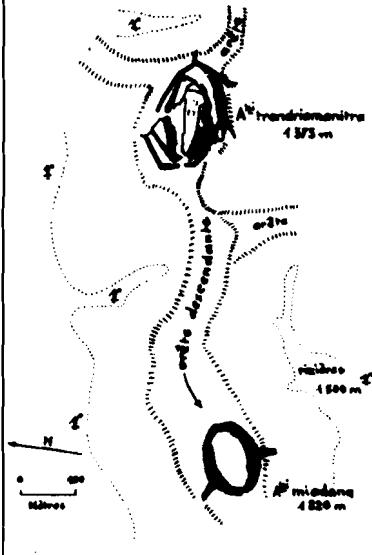
SITUATION



Descente de l'habitat au XIX^e siècle



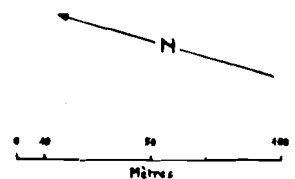
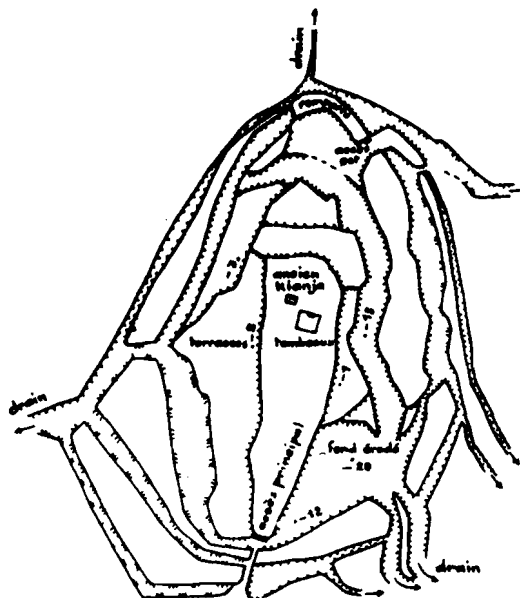
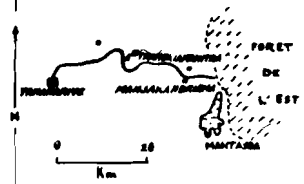
Position défensive sur crête



AMBOHITRANDRIAMANITRA-EST

Feuille Q 47/221 x = 797,9 y = 545,7

SITUATION



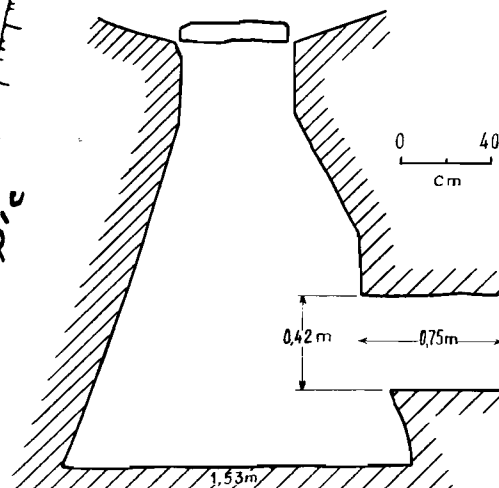
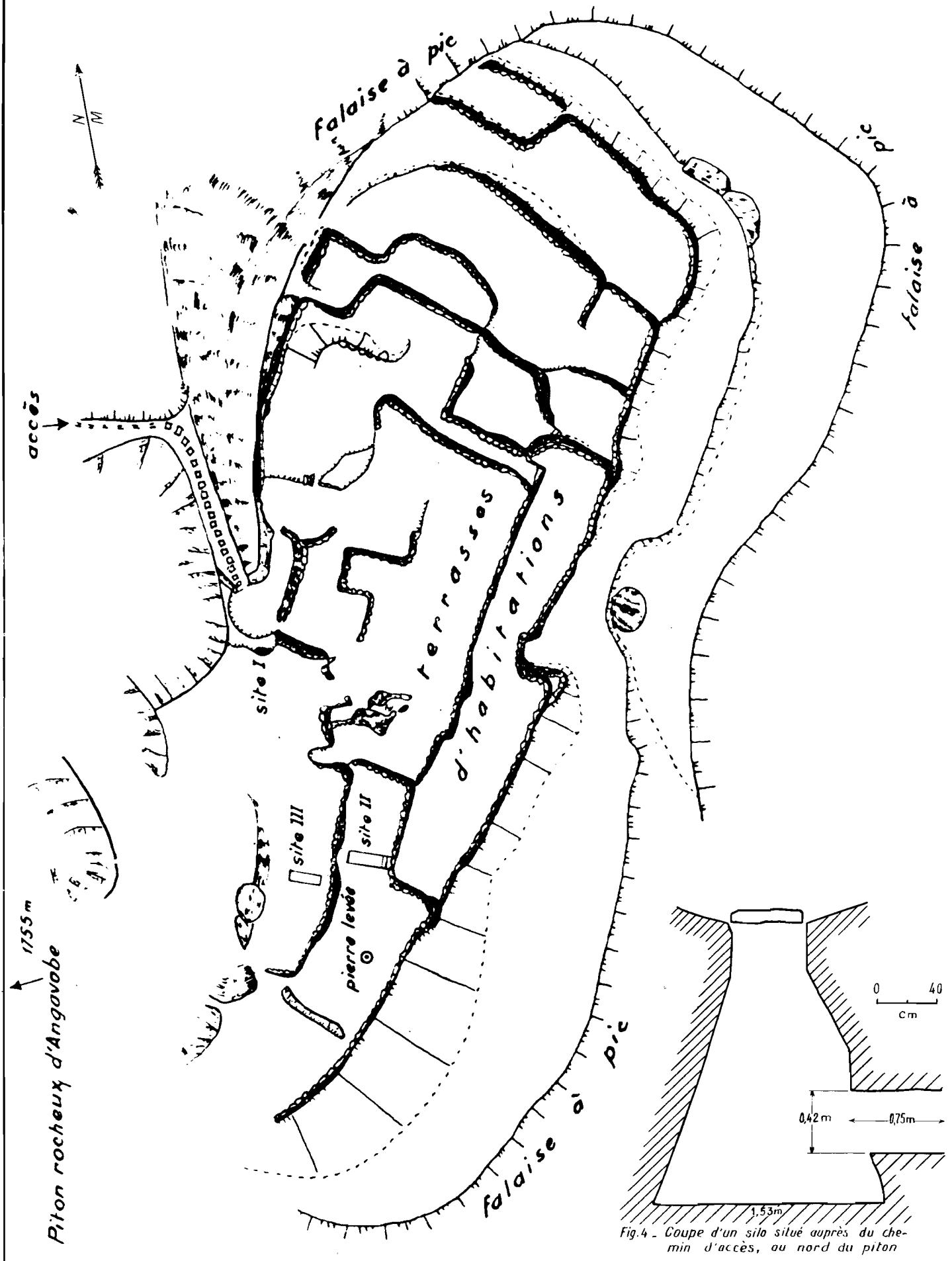
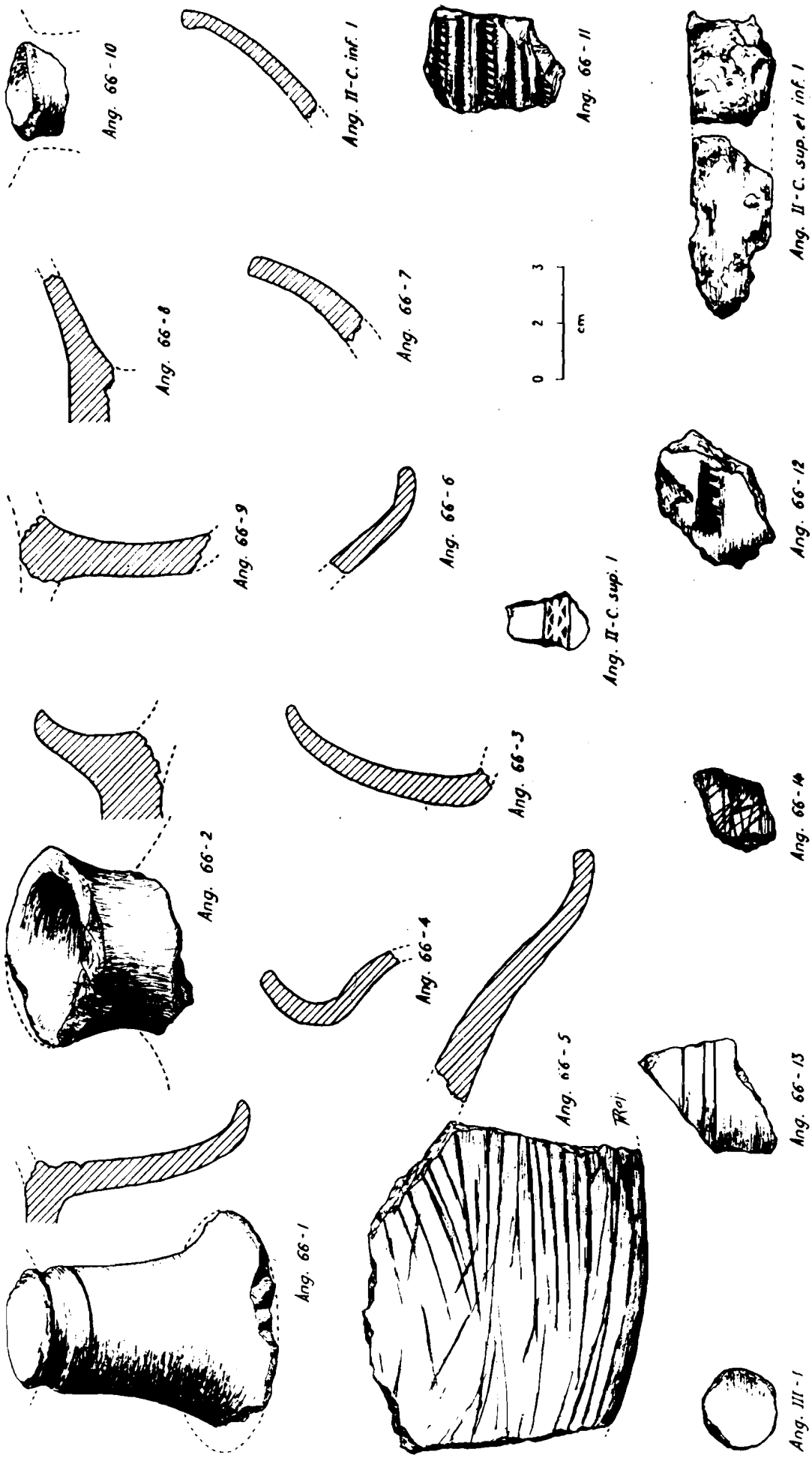


Fig.4 - Coupe d'un silo situé auprès du chemin d'accès, au nord du piton

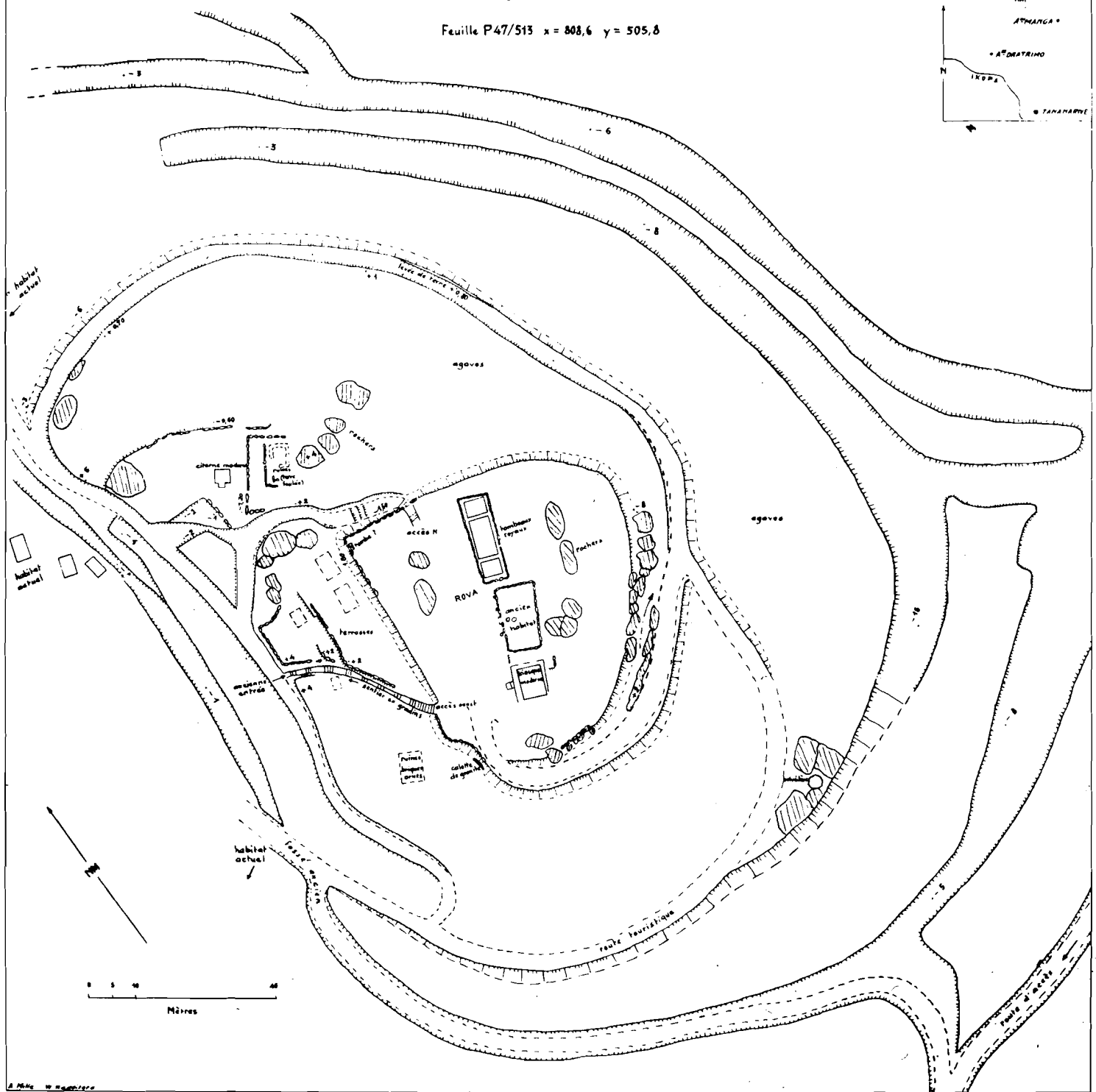
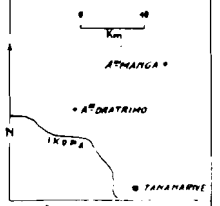


Objets découverts à Angovobé.

AMBOHIDRATRIMO

Feuille P47/513 x = 808,6 y = 505,8

SITUATION



AMBOATANY

et le chaînon du Mangabe

Feuille P 46 x = 815,1 y = 515,8

MANGABE

A° BOATRIMO

TANANARIVE

0 5 10
Km

SITUATION

MANGABE

ANKAZOMBY

TSARAHOMENANA

AMBOATANY

FIANGONANA

Entrée NE

Rova

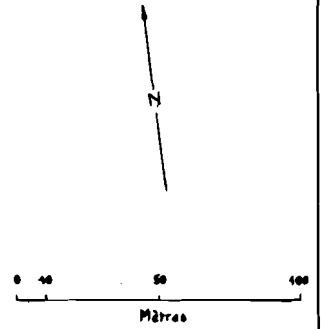
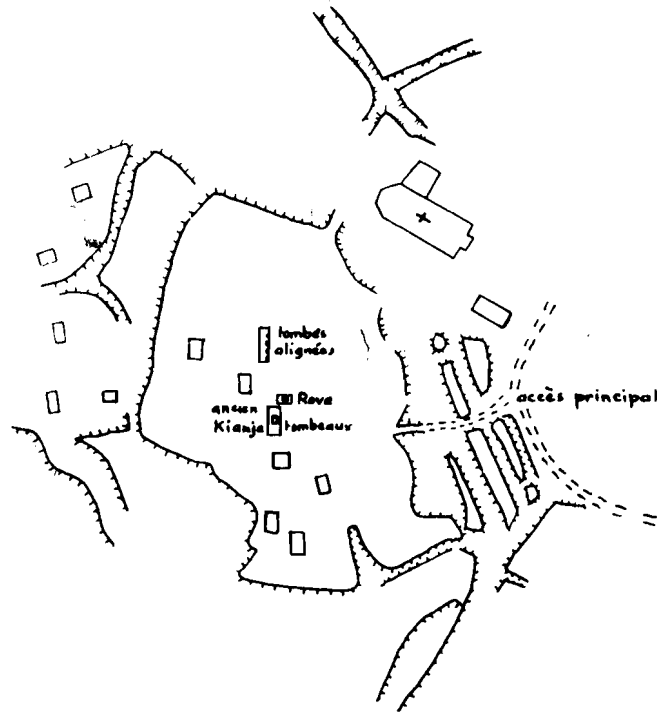
Poternes
intérieures

Entrée NW

0 100 500 1000
Mètres

NAMEHANA

Feuille P47 x = 807,5 y = 516,6



SITUATION

NAMEHANA

AMBOHINAORINA

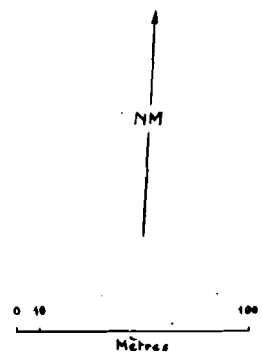
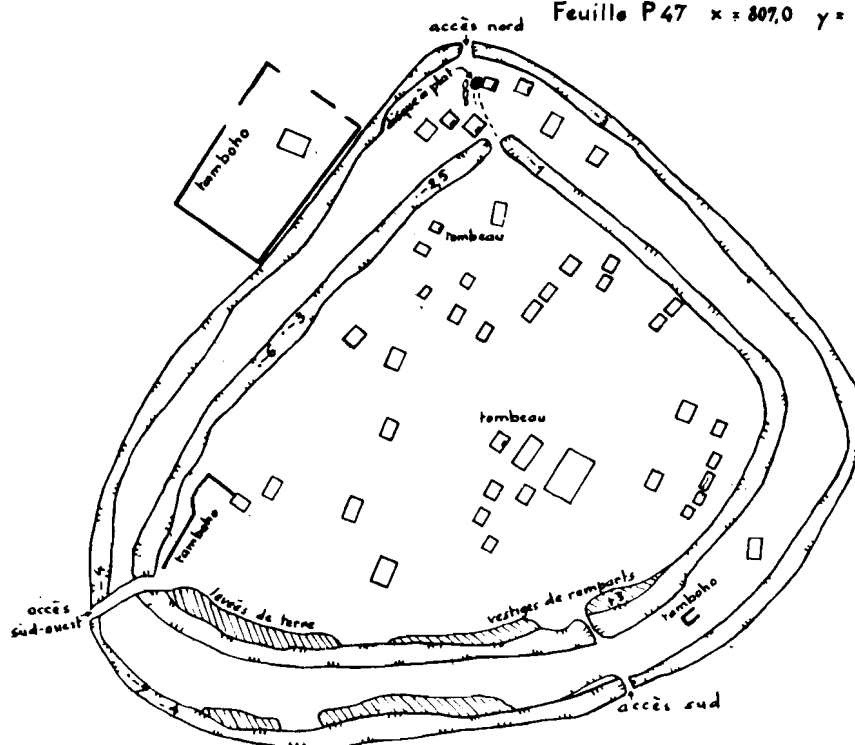
ROUTE D'AMBOHINAORINA

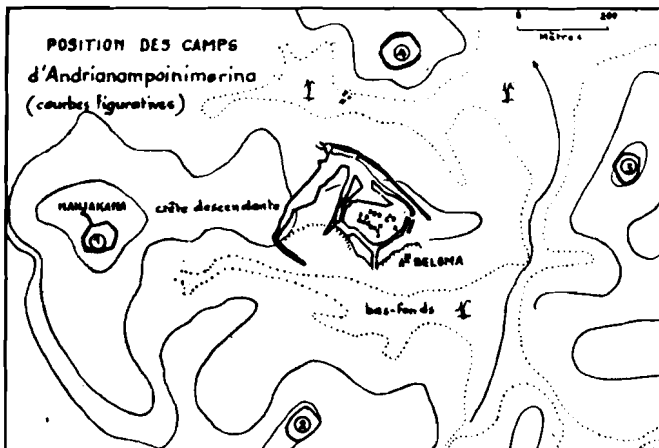
TANANARIVE

0 1 2 Km

AMBOHINAORINA

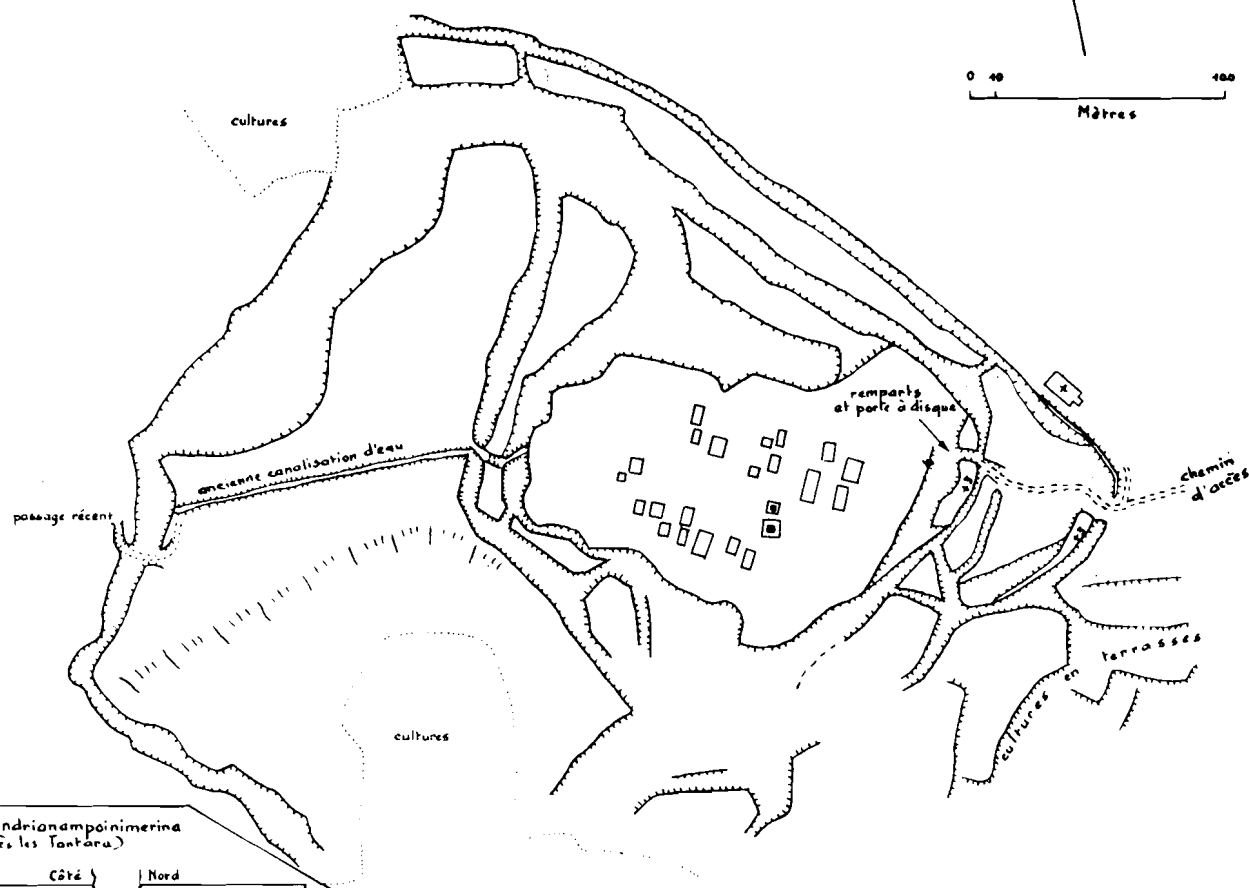
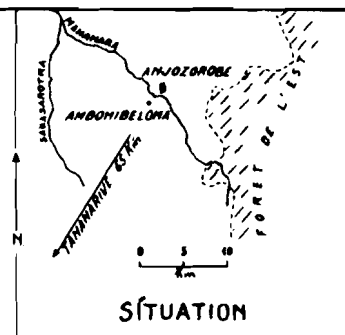
Feuille P47 x = 807,0 y = 517,1



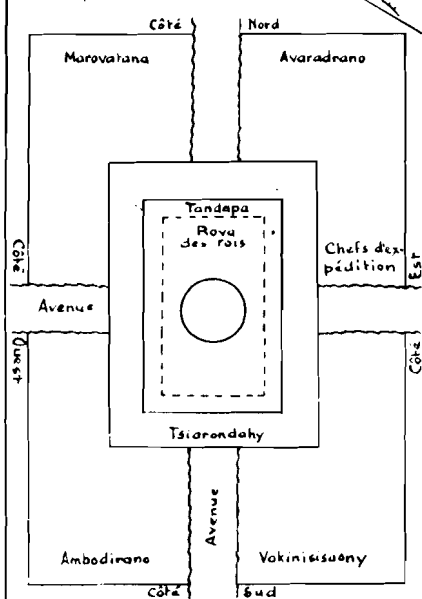


AMBOHIBELOMA-Nord

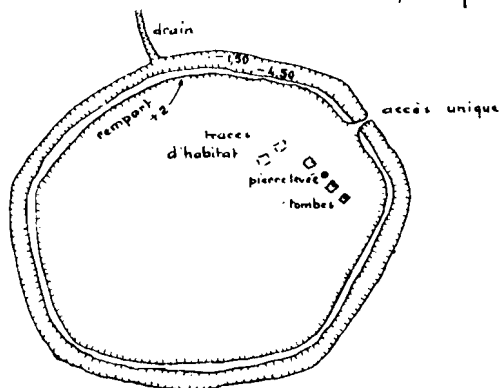
Feuille Q46/II x = 853,9 y = 549,3



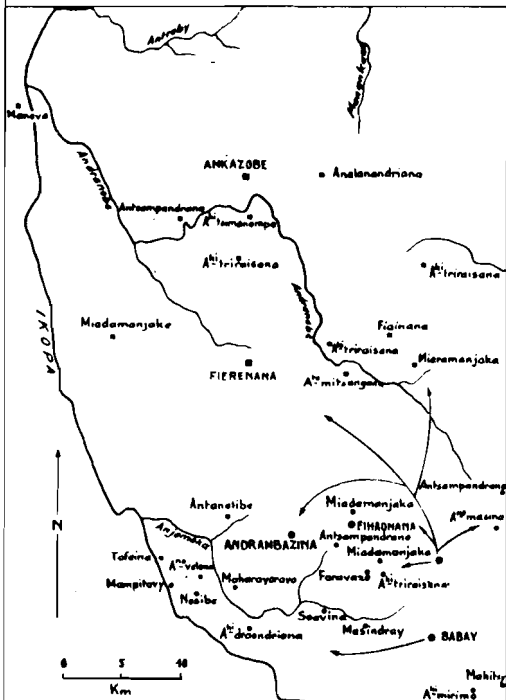
CAMP d'Andrianampoinimerina (d'après les Tantara)



NANJAKANA, camp d'Andrianampoinimerina



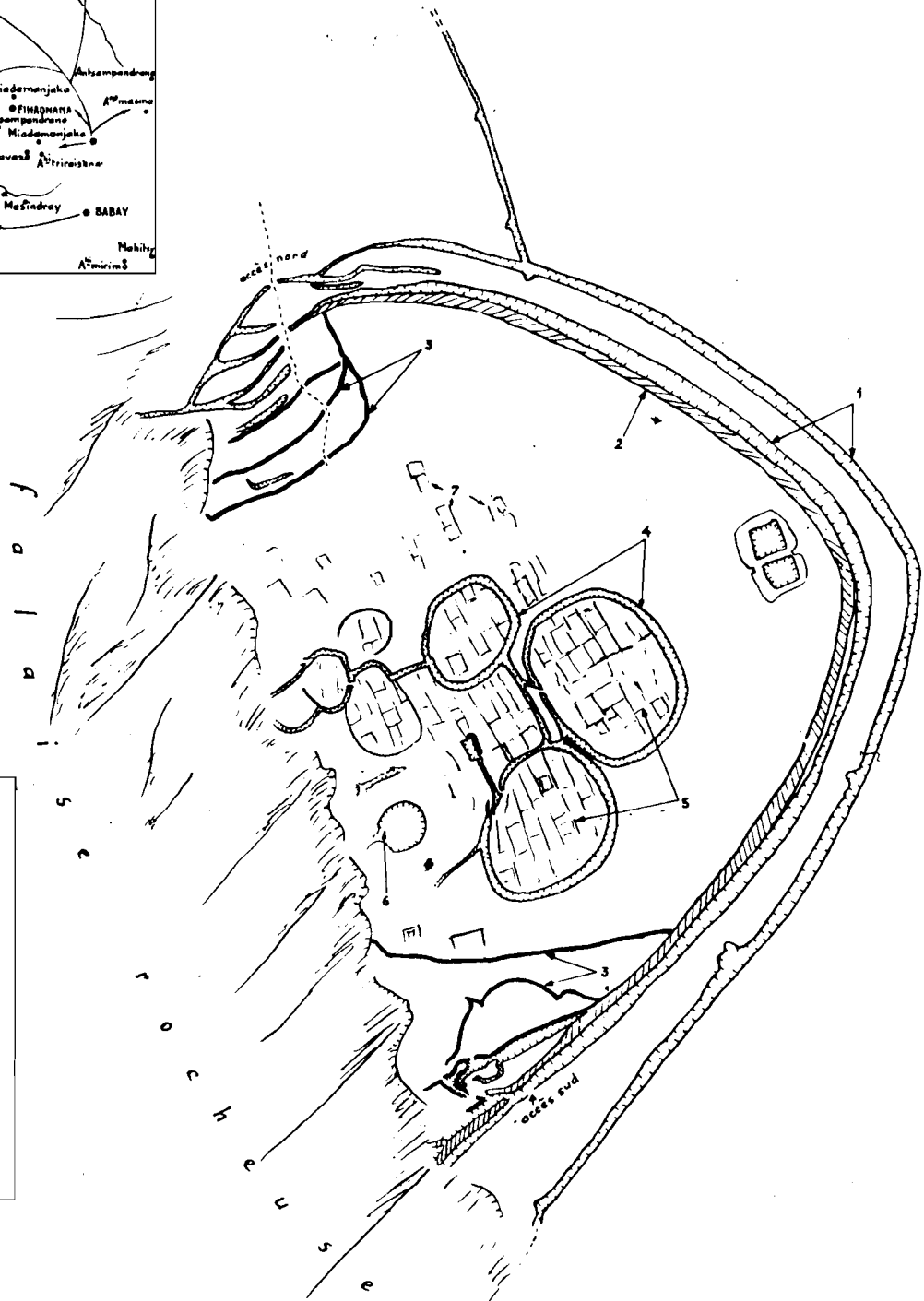
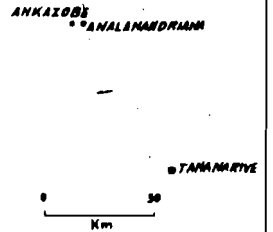
A. M. H. W. R. R. R.



ANALANANDRIANA

Feuille 045/98 x = 866,0 y = 478,4

SITUATION

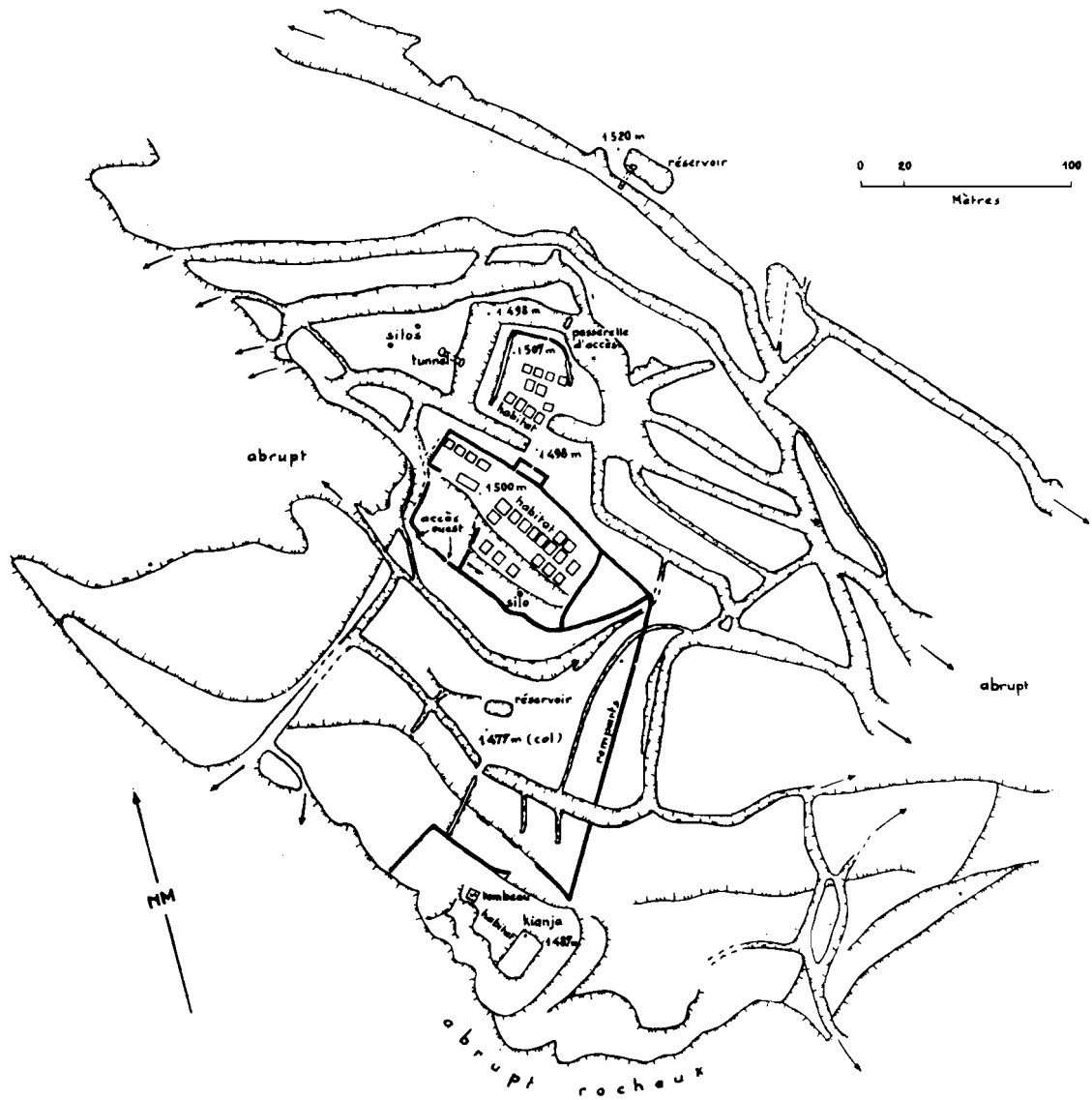


LEGENDE

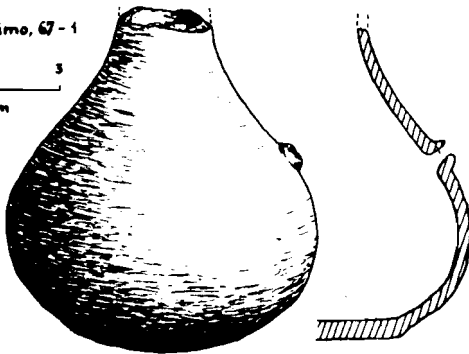
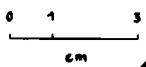
- 1 - Fossés.
- 2 - Remparts.
- 3 - Murs.
- 4 - Fossés circulaires.
- 5 - Terrasses d'habitat.
- 6 - Source.
- 7 - Habitat récent.

0 50 100
Mètres

AMBOHITRINITRIMO



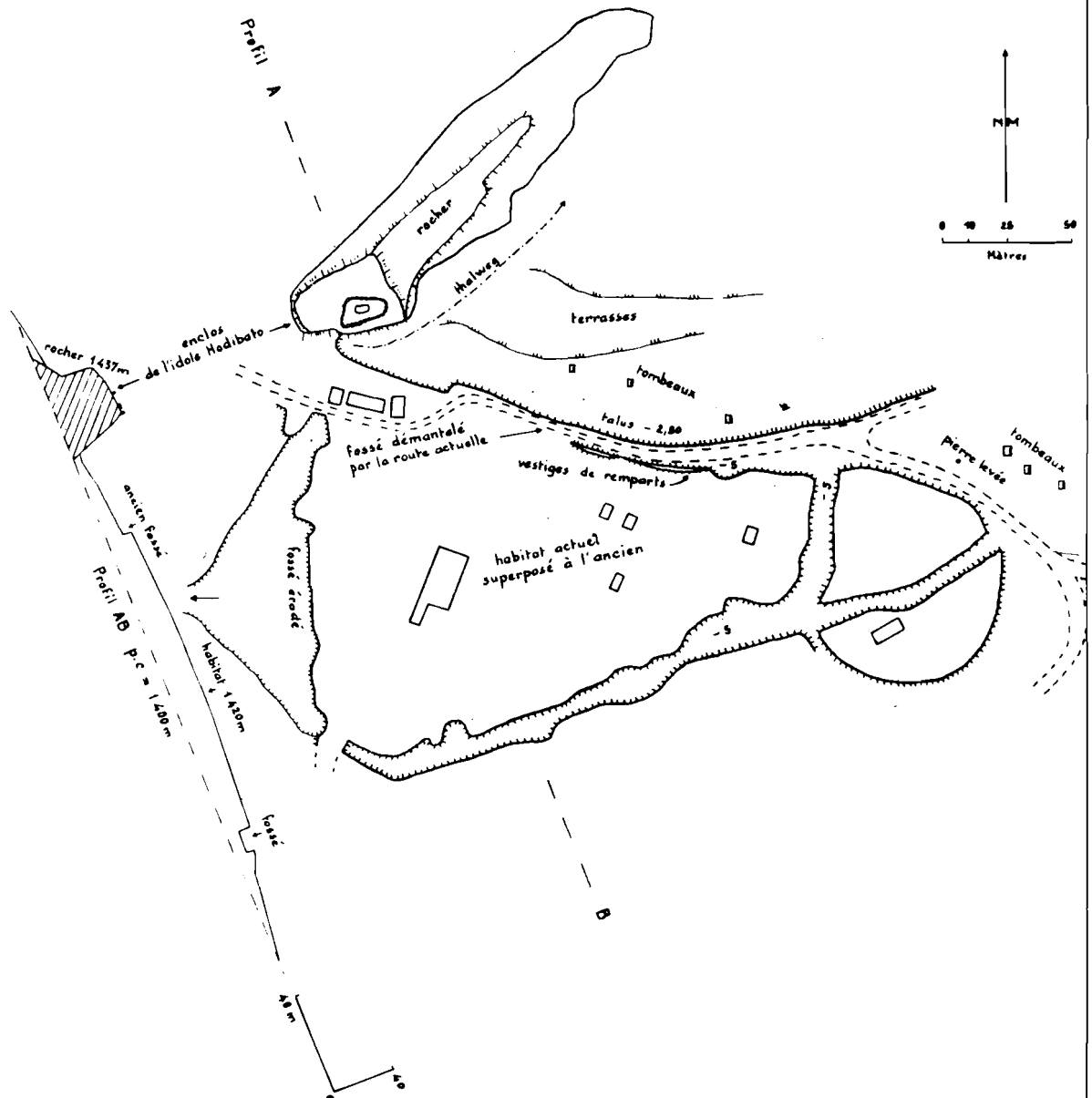
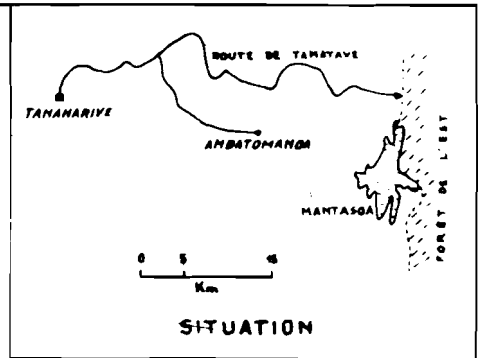
A^{trinitrimo}, 67-1



Cruche en calabasse trouvée in situ.

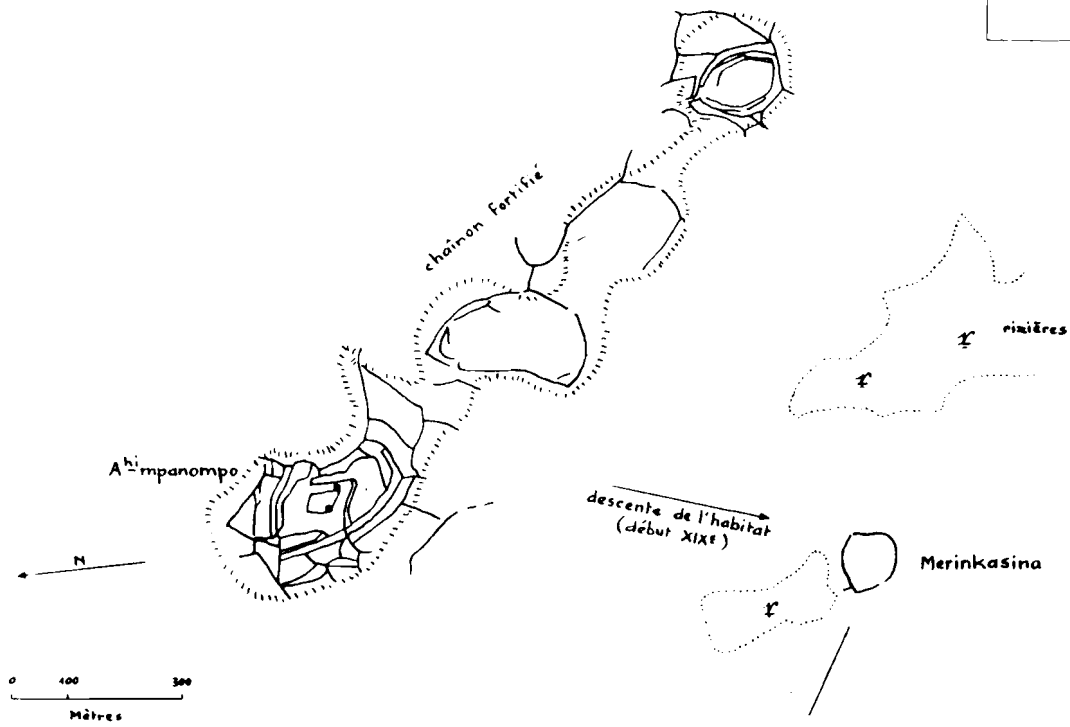
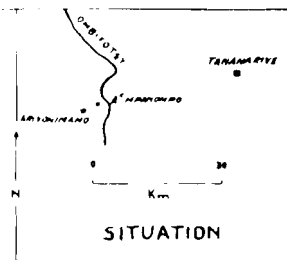
AMBATOMANGA

Feuille Q 47/256 $x = 792,0$ $y = 537,0$

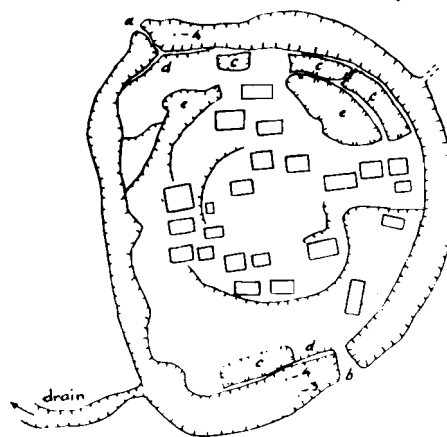
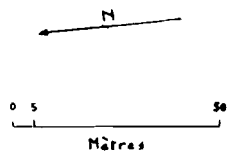


AMBOHIMPANOMPO

Feuille 0 47/105 x = 788,6 y = 481,7



MERINKASINA

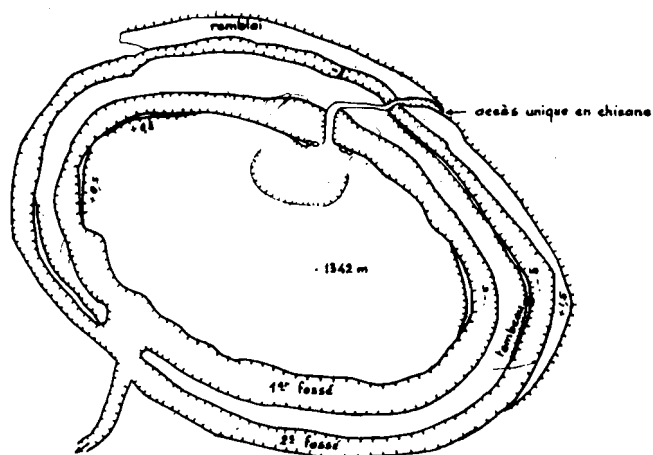
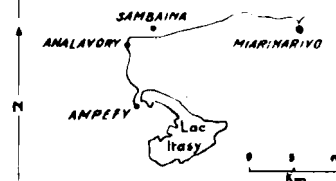
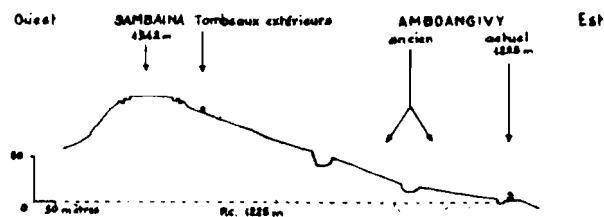


LEGENDE

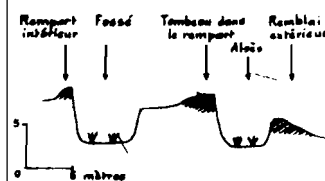
- a - Entrée NE en chicane.
- b - Entrée ouest élargie.
- c - Fosses à bœufs excentrées en périphérie.
- d - Vestiges de levées de terre.
- e - Parcs à bœufs tardifs.

SITUATION

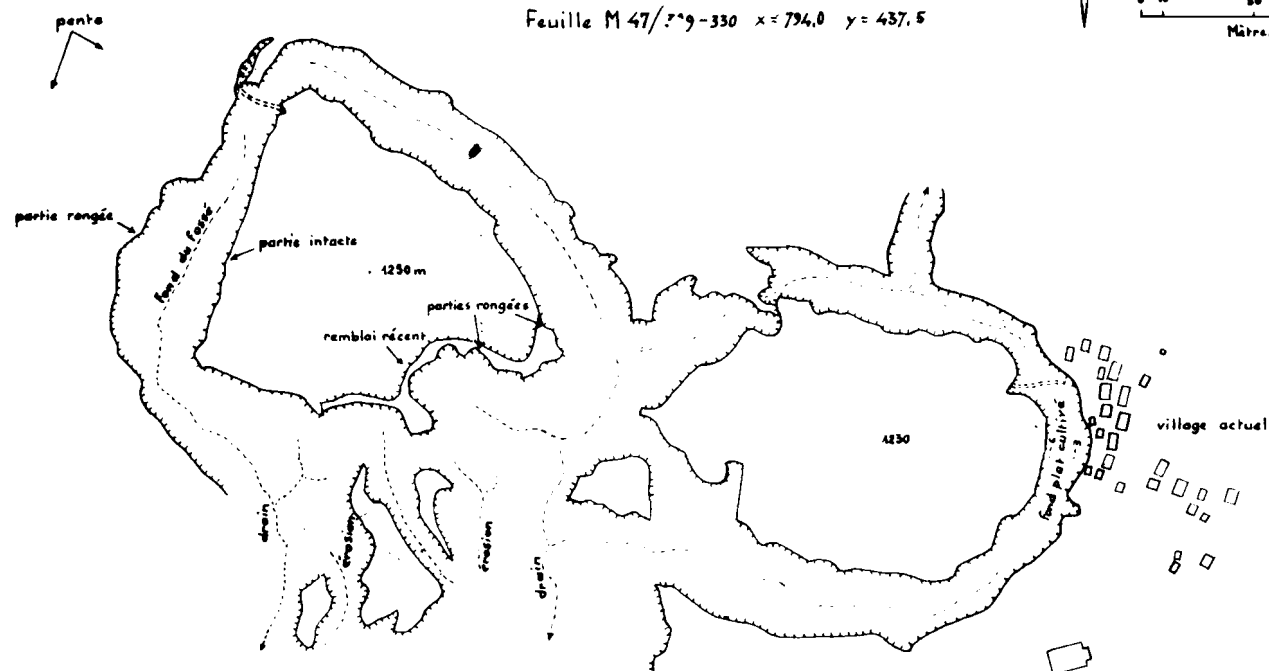
Feuille M 47/328 x: 794.2 y: 436.8



Profil des fossés est
avec remparts et remblai (en hachuré)



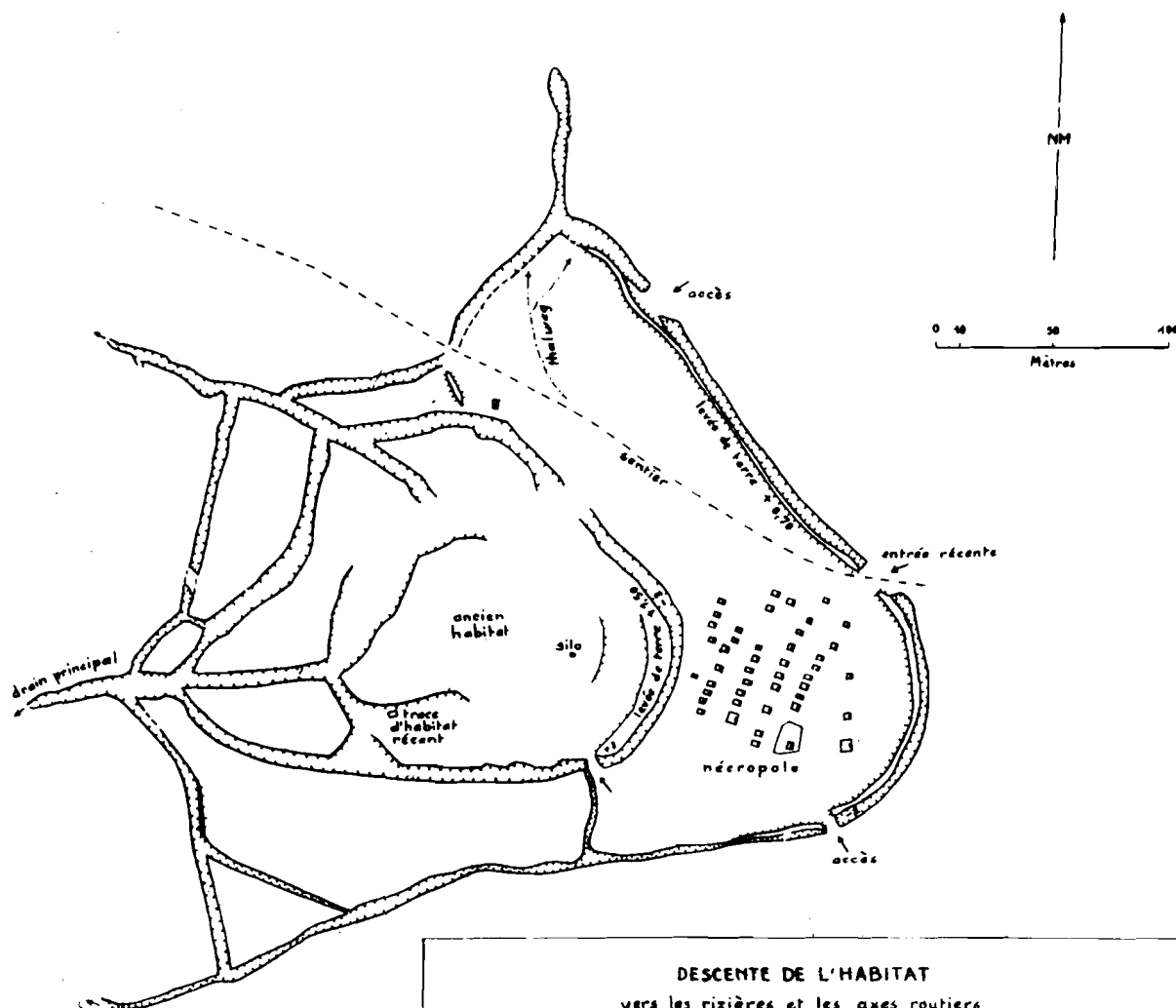
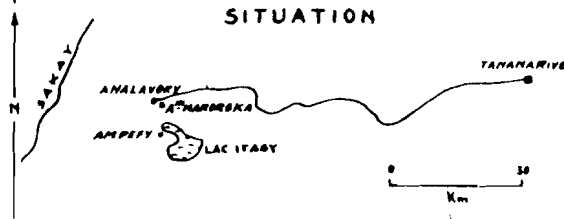
AMBOANGIVY

Feuille M 47/79-330 $x = 794,0$ $y = 437,5$ 

AMBOHIMAROROKA

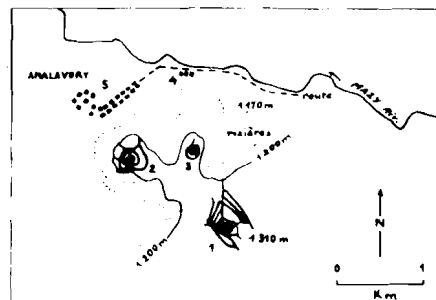
Feuille M 47/301 x = 791,5 y = 430,0

SITUATION



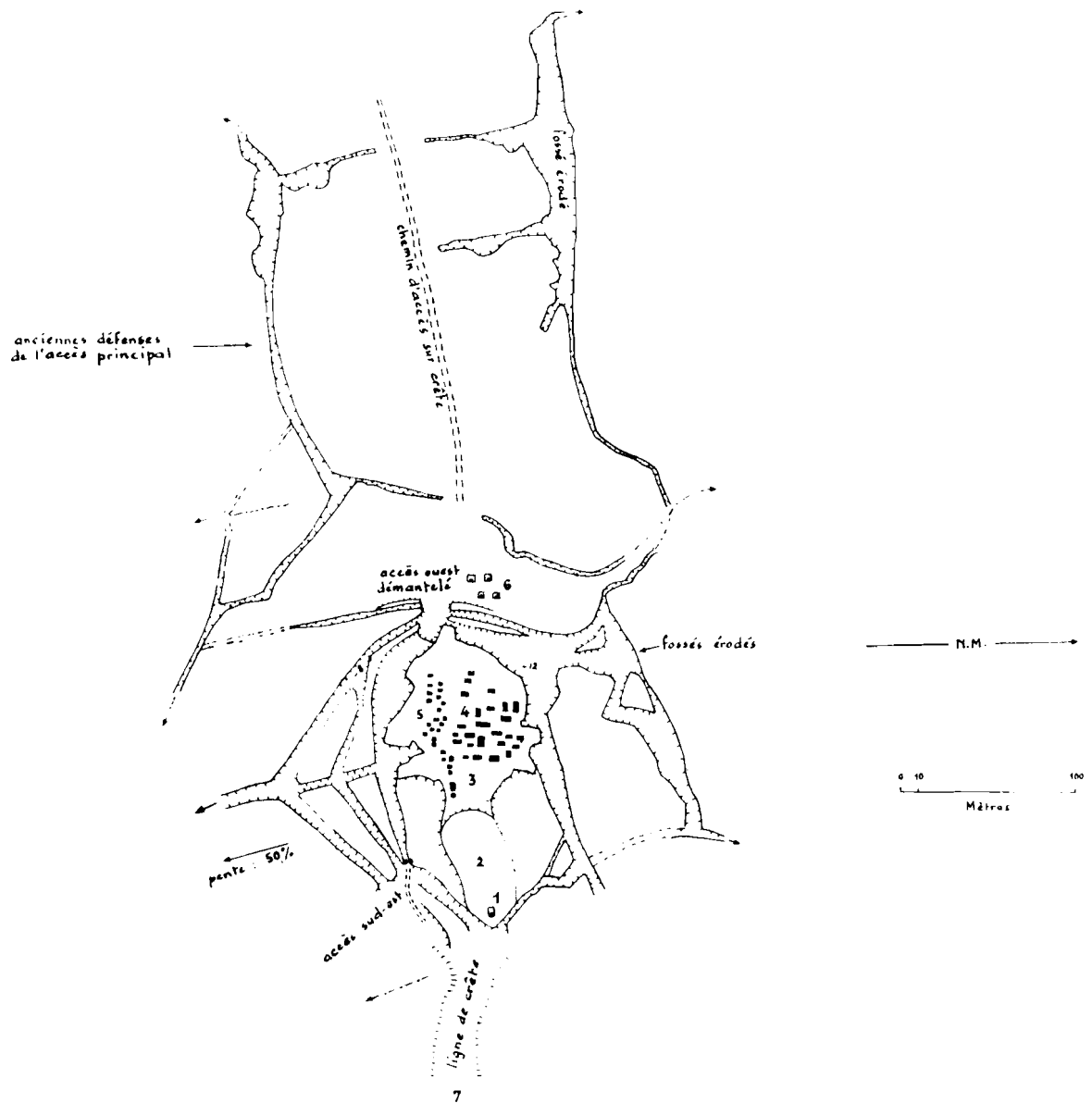
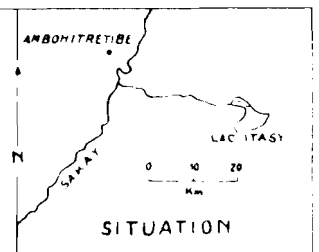
DESCENTE DE L'HABITAT vers les rizières et les axes routiers

- 1 - Ambohitrondriananahary, 1310 m.
(village-mère)
- 2 - Ambohimaroroka, 1210 m.
- 3 - Ambohibary ambany, 1218 m.
- 4 - Ambohibary actuel, 1170 m.
(non fortifié)
- 5 - Analavory actuel
(village-rue).



AMBOHITRETIBE

Feuille L.47/256 x = 797,6 y = 402,8



LEGENDE

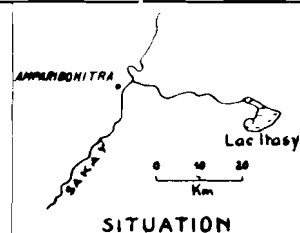
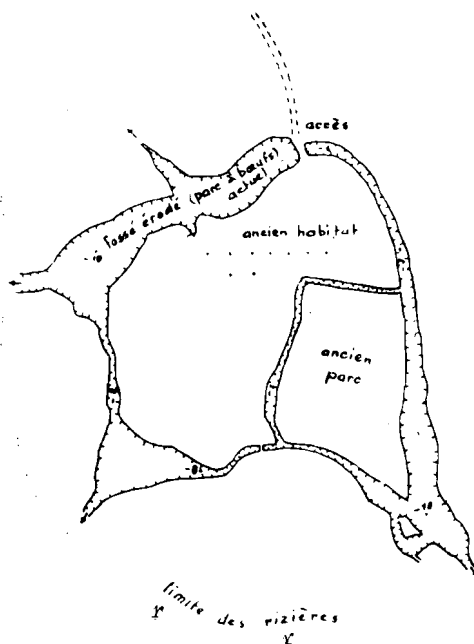
- 1 - Tombeau ancien enlaid dans un « duany » d'influence sakalava
- 2 - Ancien habitat (XVIII^e siècle ?)
- 3 - Kianja actuel déplacé à l'est à l'emplacement de l'habitat de 1897.
- 4 - Village, actuel.
- 5 - Greniers à riz récents en terre pétrie
- 6 - Tombes anciennes datant du 1^{er} habitat
- 7 - Nécropole récente sur la crête est.

Village à fossé en plate-forme tronquée

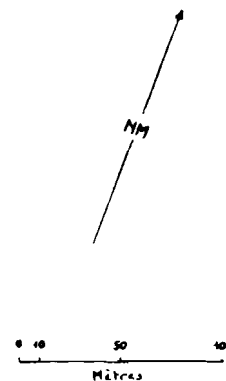


AMPARIBOHITRA

Feuille L47/30 x = 789,7 y = 402,3

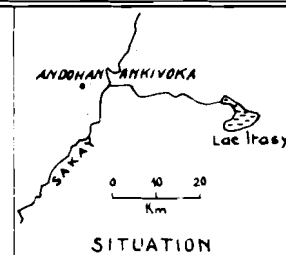
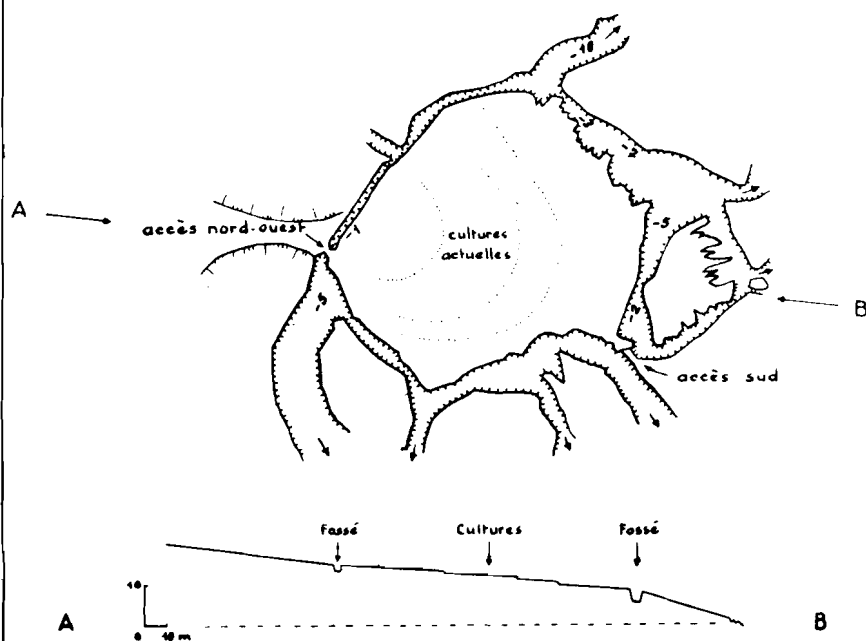


SITUATION

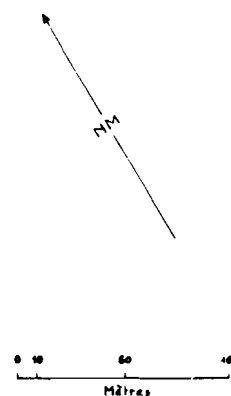


ANDOHANANKIVOKA

Feuille L47/31 x = 791,4 y = 399,7

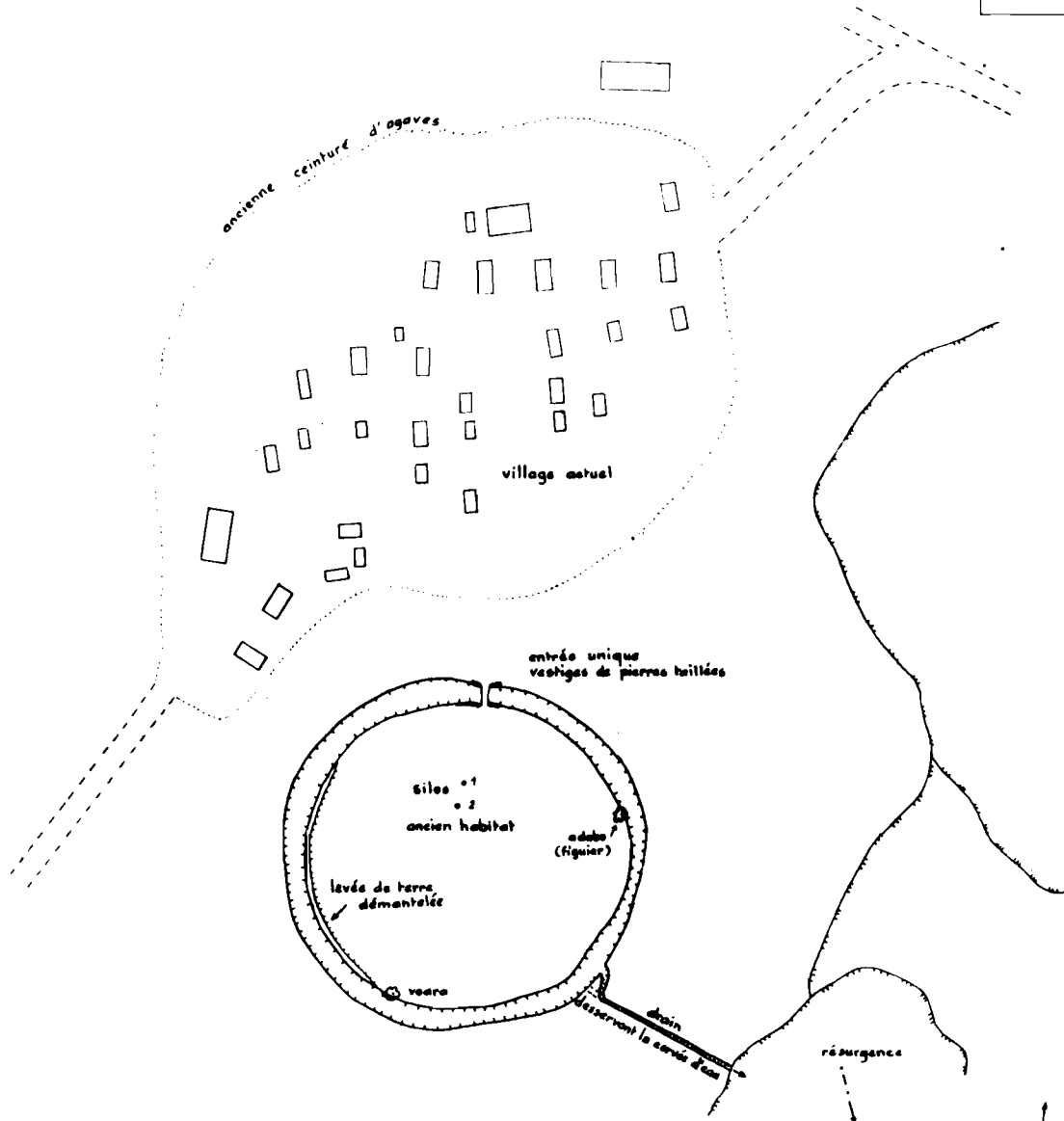
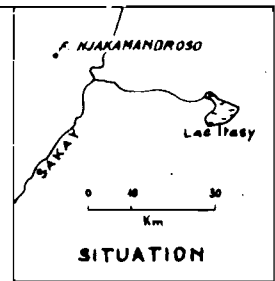


SITUATION

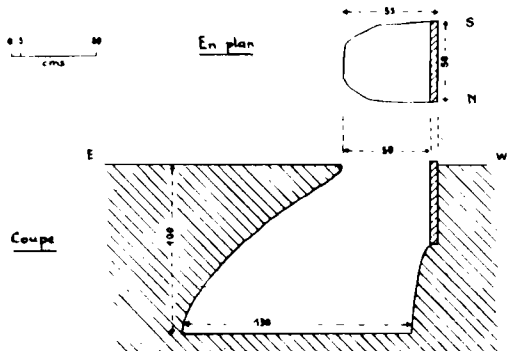


FANJAKAMANDROSO

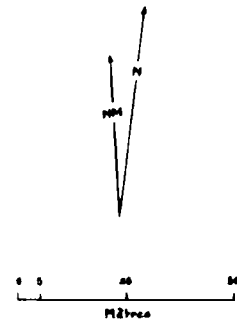
Feuille L47/28 x = 796,0 y = 397,0



Détail du silo 1 avec son couvercle de pierre rabattu



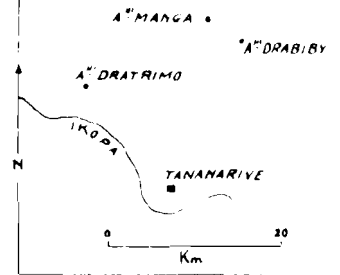
A. HALL - H. Rappaport



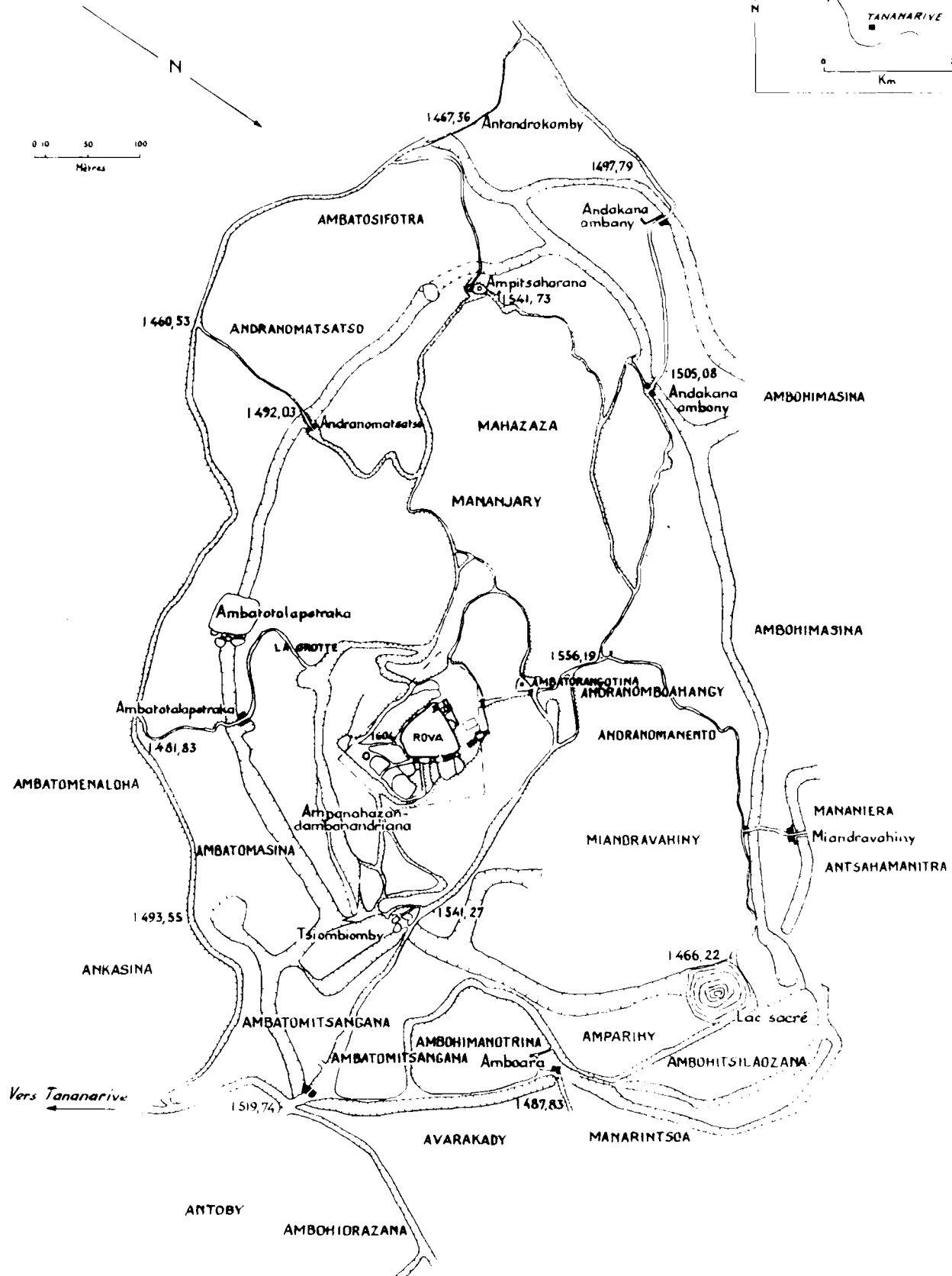
AMBOHIMANGA

Feuille P46 x = 815,3 y = 518,5

SITUATION



0 10 50 100
Mètres



Partie réservée aux Andriandranondo

+ 8,80

tombeau de
Refenelahimanjaka

tombeau de
Andriandahimbolamena

Rova réservé
aux Andriamasinavalena

tombeau de
Andriamavalomamitsadehy

site

site

pierrres
levées

site

KIANJA

habitations

entrée du Kianja

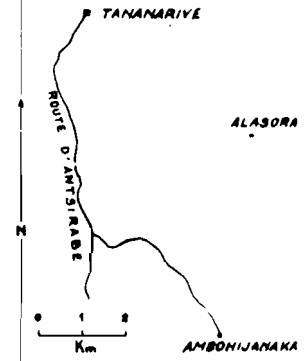
0 10
Mètres

CROQUIS DE L'ANCIEN ROVA

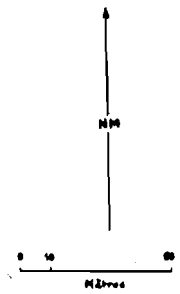
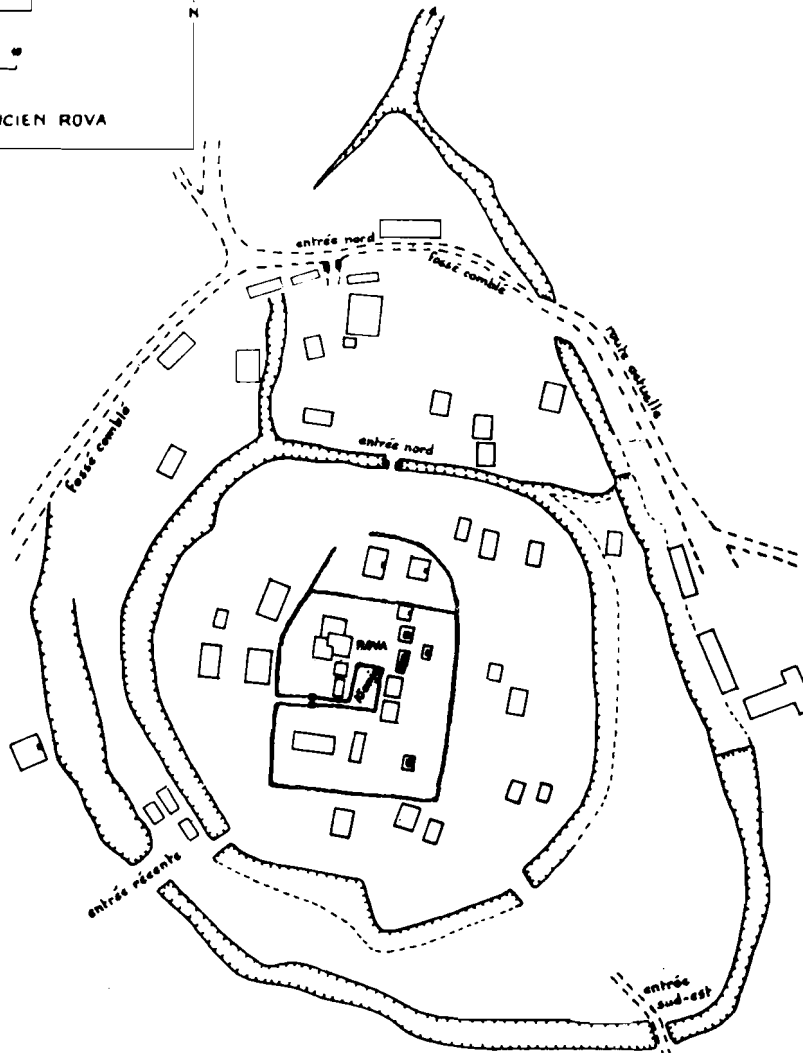
AMBOHIJANAKA

Feuille P47/485 x = 783,0 y = 518,2

SITUATION

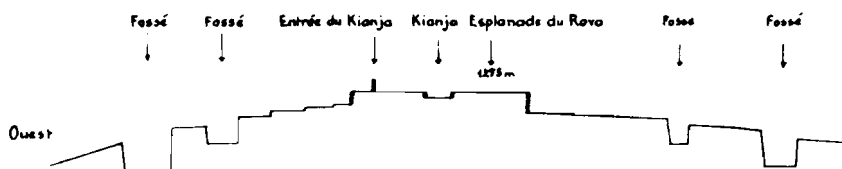


Profil ouest →



LEGENDE

- habitation actuelle.
- tombeau.
- tombeau avec trano manara.
- soutènement de pierres.



Plan de comparaison : 4200 mètres.

CARTE DES DIVISIONS ADMINISTRATIVES DE L'IMERINA AVANT 1895

