

San Francisco

Philadelphia

Boston

New York

Galveston

New Orleans

Miami

Havana

Mexico City

Vera Cruz

Alvaro Obregon

Progreso

PIEDRAS NEGRAS

Puerto Barrios

Guatemala City

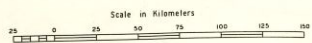
Panama

ARCHAEOLOGICAL MAP OF THE MAYA AREA

COMPILED IN 1933-4

LEGEND ARCHAEOLOGICAL SITES

- ▲ With inscriptions, geographic coordinates observed.
- ▲ Without inscriptions, geographic coordinates approximate.
- With inscriptions, geographic coordinates approximate.
- Without inscriptions, geographic coordinates approximate.



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Map of the region occupied by the Maya civilization showing location of the principal cities having inscriptions.

2

#2

2

6091



THE PLAN OF A GREAT CITY. ONE OF THE MAJOR TASKS OF THE EXPEDITION FROM THE OUTSET HAS BEEN TO MAP THE SITE OF PIEDRAS NEGRAS ACCURATELY AND IN DETAIL IN ORDER TO GAIN A CLEARER UNDERSTANDING OF THE GROWTH OF THE CITY AND THE USES OF ITS BUILDINGS. THIS MAP, AS YET INCOMPLETE, ALREADY SHOWS MANY OF THE TEMPLES, BALL COURTS, PALACES, PUBLIC PLAZAS AND THE RESIDENCES OF NOBLES AND PRIESTS. WITH THE AID OF THE UNPARALLELED SERIES OF DATED MONUMENTS THE ENERGIES OF THE EXPEDITION IN COMING SEASONS WILL BE DEVOTED TO WORKING OUT THE EVOLUTION OF ARCHITECTURE, ART AND CERAMICS FOR THIS PART OF THE MAYA AREA.

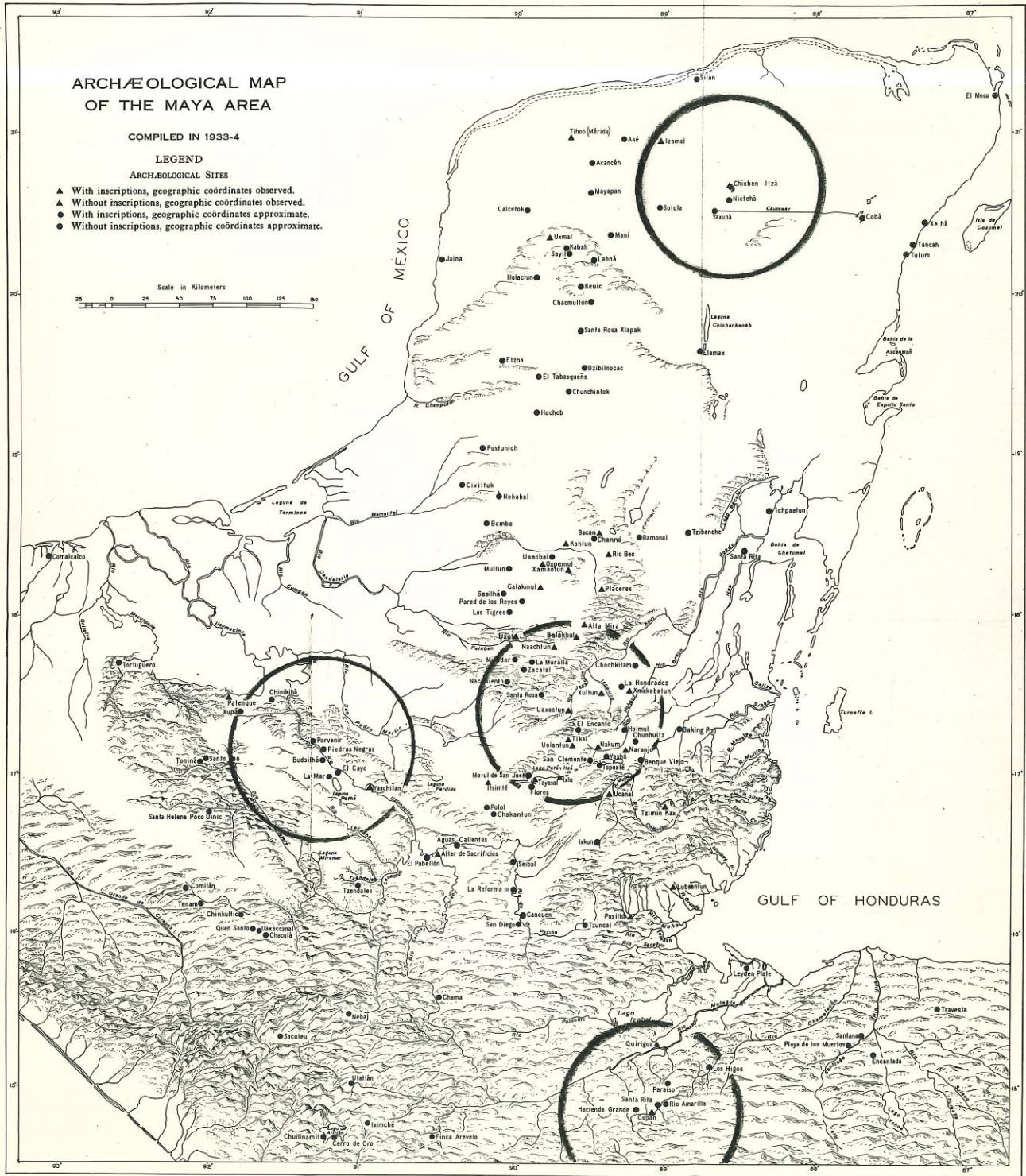
ARCHÆOLOGICAL MAP OF THE MAYA AREA

COMPILED IN 1933-4

LEGEND

ARCHÆOLOGICAL SITES

- ▲ With inscriptions, geographic coordinates observed.
- ▲ Without inscriptions, geographic coordinates observed.
- With inscriptions, geographic coordinates approximate.
- Without inscriptions, geographic coordinates approximate.



ORIGINAL IN MAP COLLECTION - CENTRAL AMERICA



Used in part
MOS. Bull. 7, 4 (1939) 13

RUINS OF PIEDRAS NEGRAS
 DEPARTMENT OF PETEN
 GUATEMALA

PARTIALLY COMPLETED PLAN OF PRINCIPAL GROUPS
 EXPOSURE & SURVEY BY EDWARD P. HUNTER
 THE UNIVERSITY MUSEUM UNIVERSITY OF PENNSYLVANIA

SCALED AND DRAWN BY FRED D. HEDGECOCK

A	B	C	D
E	F	G	H
I	J	K	L
M	N	O	P
Q	R	S	
T	U	V	

— SEQUENCE OF 200 METER SQUARES —



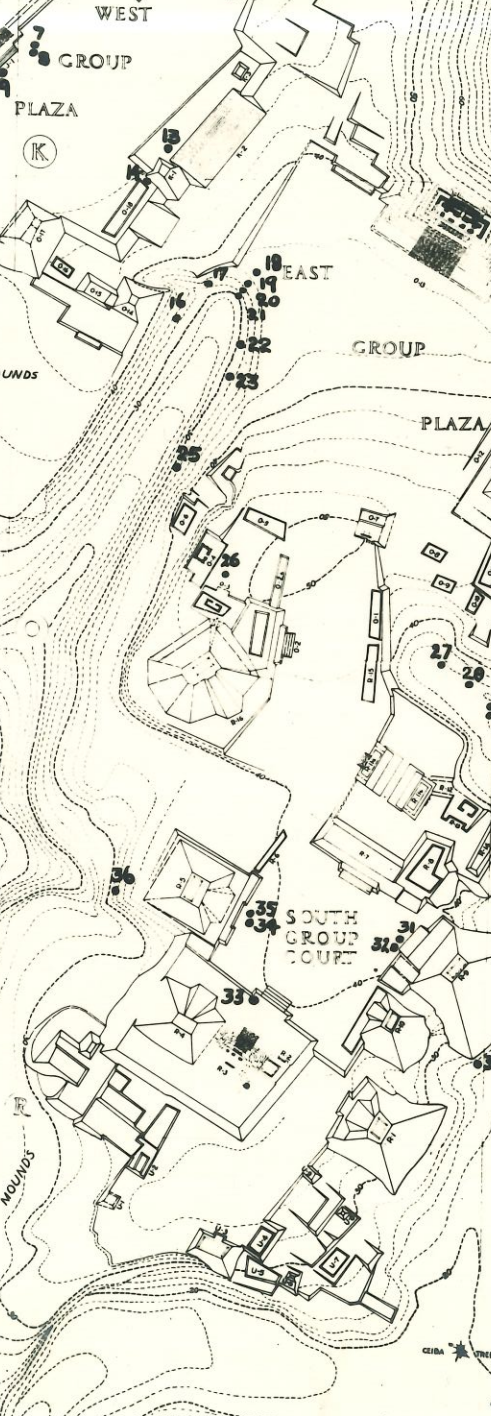
Scale: 1:5000
 North Arrow
 Contour Interval: 10 Meters
 Elevation of Hill Top: 1000 Meters
 Date of Survey: 1926-27
 Surveyed by: E. P. Hunter
 Drawn by: F. D. Hedgcock

M3u

A	B	C	D
E	F	G	H
I	J	K	L
M	N	O	P
Q	R	S	
T	U	V	

— SEQUENCE OF
200 METER SQUARES —

MACINTA RIVER



NOTATION ON POLARIS CORRECTION—
Q

IC DESIGNATIONS
EX, 1930, AND
THIS AREA

EX	1930
J-4	
J-3	
O-13	
O-12	
P-7	
P-6	
P-5	
P-4	
P-3	
P-2	
P-1	
J-8	

T

XVII

RUINS OF PIEDRAS NEGRAS

DEPARTMENT OF PETEN
GUATEMALA

PARTIALLY COMPLETED PLAN OF PRINCIPAL GROUPS
SCHEMATIC DRAWING, 1928-1930, BY THE
UNIVERSITY MUSEUM, UNIVERSITY OF PENNSYLVANIA

DESIGNED AND DRAWN BY FRED P. HARRIS, JR. 1930

A	B	C	D
E	F	G	H
I	J	K	L
M	N	O	P
Q	R	S	
T	U	V	

SEQUENCE OF
200 METER SQUARES



SCALE IN METERS
0 50 100

SCALE IN FEET
0 150 300

TABLE OF EQUIVALENT MEASUREMENTS
USED BY MILLER, 1928, AND BY THE
UNIVERSITY MUSEUM IN 1930

MEASUREMENT	IN METERS	IN FEET
1 METER	1.00	3.28
5 METERS	5.00	16.40
10 METERS	10.00	32.81
20 METERS	20.00	65.62
30 METERS	30.00	98.43
40 METERS	40.00	131.23
50 METERS	50.00	164.04
100 METERS	100.00	328.08
150 METERS	150.00	492.12
200 METERS	200.00	656.17
300 METERS	300.00	984.25
400 METERS	400.00	1312.34
500 METERS	500.00	1640.42
1 KILOMETER	1000.00	3280.84
1/2 KILOMETER	500.00	1640.42
1/4 KILOMETER	250.00	820.21
1/8 KILOMETER	125.00	410.11
1/16 KILOMETER	62.50	205.05
1/32 KILOMETER	31.25	102.53
1/64 KILOMETER	15.62	51.26
1/128 KILOMETER	7.81	25.63
1/256 KILOMETER	3.91	12.81
1/512 KILOMETER	1.95	6.40
1/1024 KILOMETER	0.98	3.20

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33RD AND SPRUCE STREETS
PHILADELPHIA, PA 19104

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70406-7 Piedras Negras

RUINS OF PIEDRAS NEGRAS
DEPARTMENT OF PETEN
GUATEMALA

PARTIALLY COMPLETED PLAN OF PRINCIPAL GROUPS
EXPLORED A JOINT EXPEDITION, 1926-1928
THE UNIVERSITY MUSEUM, UNIVERSITY OF PENNSYLVANIA

DESIGNED BY BRUCE & PAUL H. HARRIS, ARCHITECT

A	B	C	D
E	F	G	H
I	J	K	L
M	N	O	P
Q	R	S	
T	U	V	

— SCHEME OF
200 METER SQUARES —



Scale 1:5000

TABLE OF DIMENSIONS

GROUP	STRUCTURE	LENGTH (M)	BREADTH (M)	AREA (SQ. M)
WEST GROUP	Pyramid A	15	15	225
	Pyramid B	10	10	100
	Pyramid C	8	8	64
	Pyramid D	6	6	36
EAST GROUP	Pyramid E	12	12	144
	Pyramid F	8	8	64
SOUTH GROUP	Pyramid G	10	10	100
	Pyramid H	8	8	64
	Pyramid I	6	6	36

RUINS OF PIEDRAS NEGRAS
DEPARTMENT OF PETEN
GUATEMALA

Surveyed by BRUNO & PAUL F. HANSEN, ARCHITECTS



Scale 1:1000

Scale 1:500

Scale 1:250

TABLE OF EQUIVALENT DISTANCES

FEET	METERS	YARDS
1	0.3048	1.0936
10	3.048	10.936
100	30.48	109.36
1000	304.8	1093.6
10000	3048	10936
100000	30480	109360
1000000	304800	1093600
10000000	3048000	10936000
100000000	30480000	109360000
1000000000	304800000	1093600000