

# *Grotte-exsurgence du Garrel*

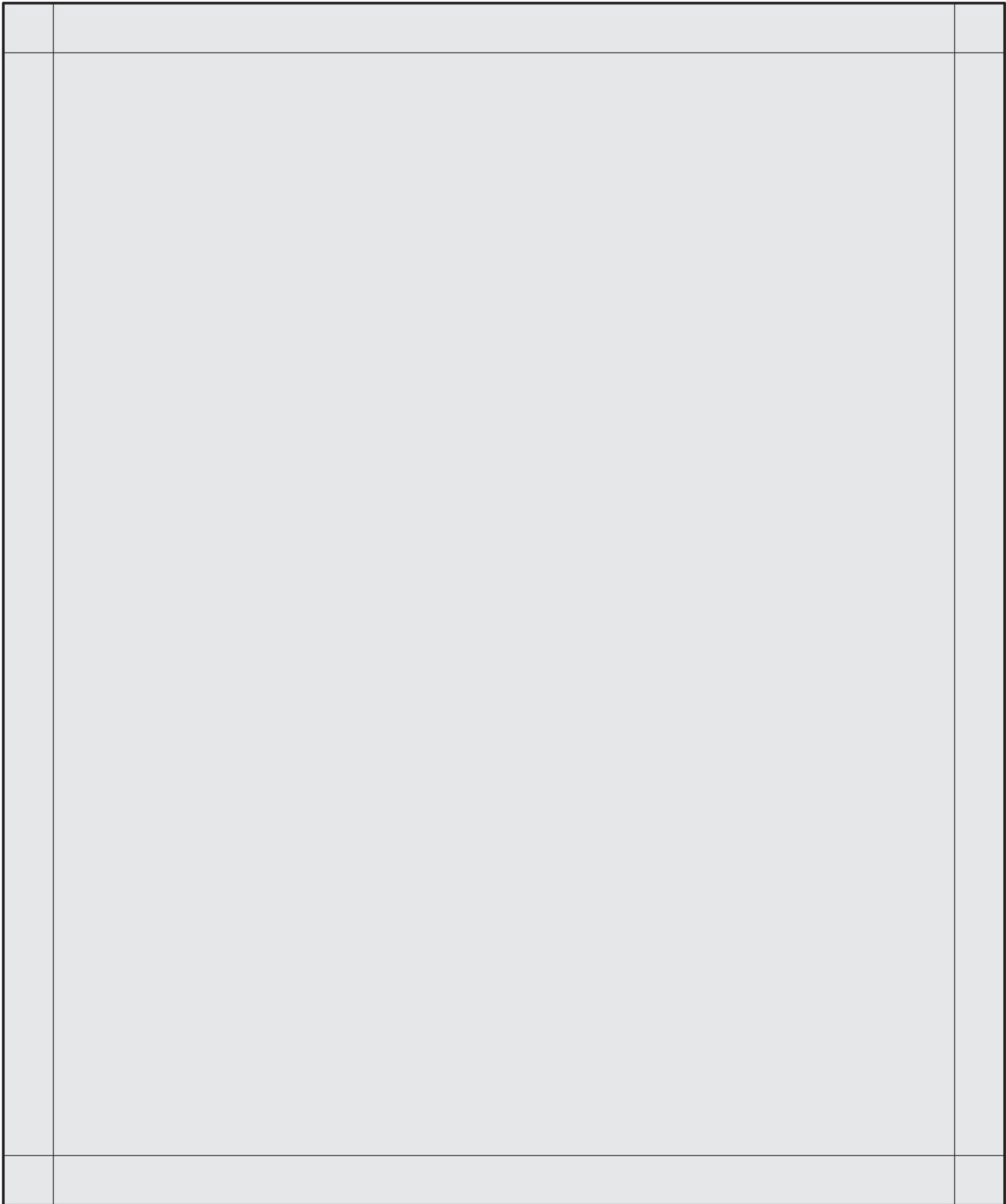
*Synthèse topographique réalisée par P. Vernant*

*Topographes:* P. Vernant, Y. Guessard, G. Laurent, S. Nurit, A. Hourtal, J. Tarrit, L. Leterme, L. Blum, M. Salze, C. Sevilla, G. Cazes, J.L. Galera, O. Malcles, M. Roux, J.F. Raymond, D. Gignoux, S. Gagnage, F. Larman, F. Prigent, J-M. Catuogno, S. Jiquel, P. Catuogno, D. Baraille, G. Magne, P. Canedo, C. Grosart, R. Walker, T. Webber, A. Babled, O. Maret, R. Barré

*Dessinateurs:* P. Vernant, L. Leterme

*Longueur:* 12178 m

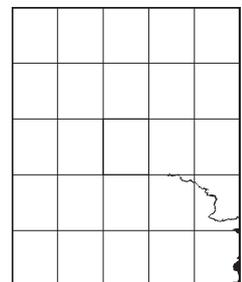
*Dénivellation:* 292 m



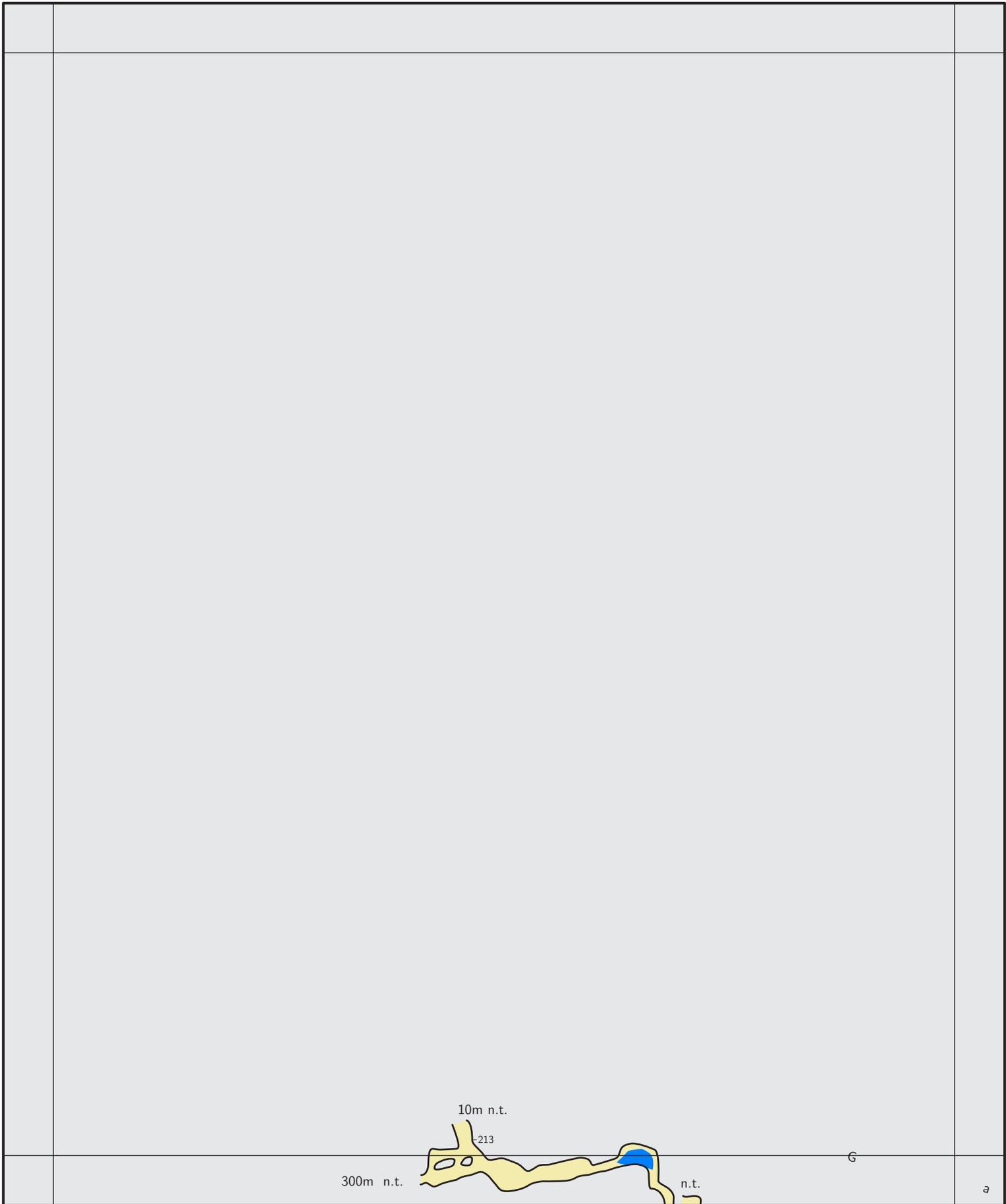
0 -1 (1) garrel.all

⊕ 2  
5

50 m

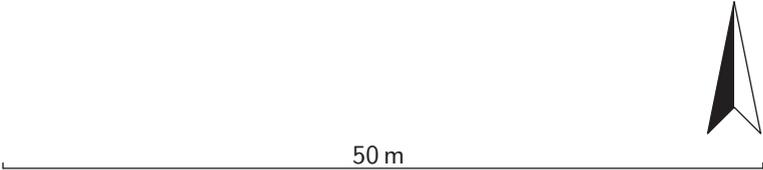


Synthèse topographique réalisée par P. Vernant

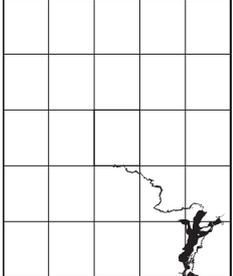


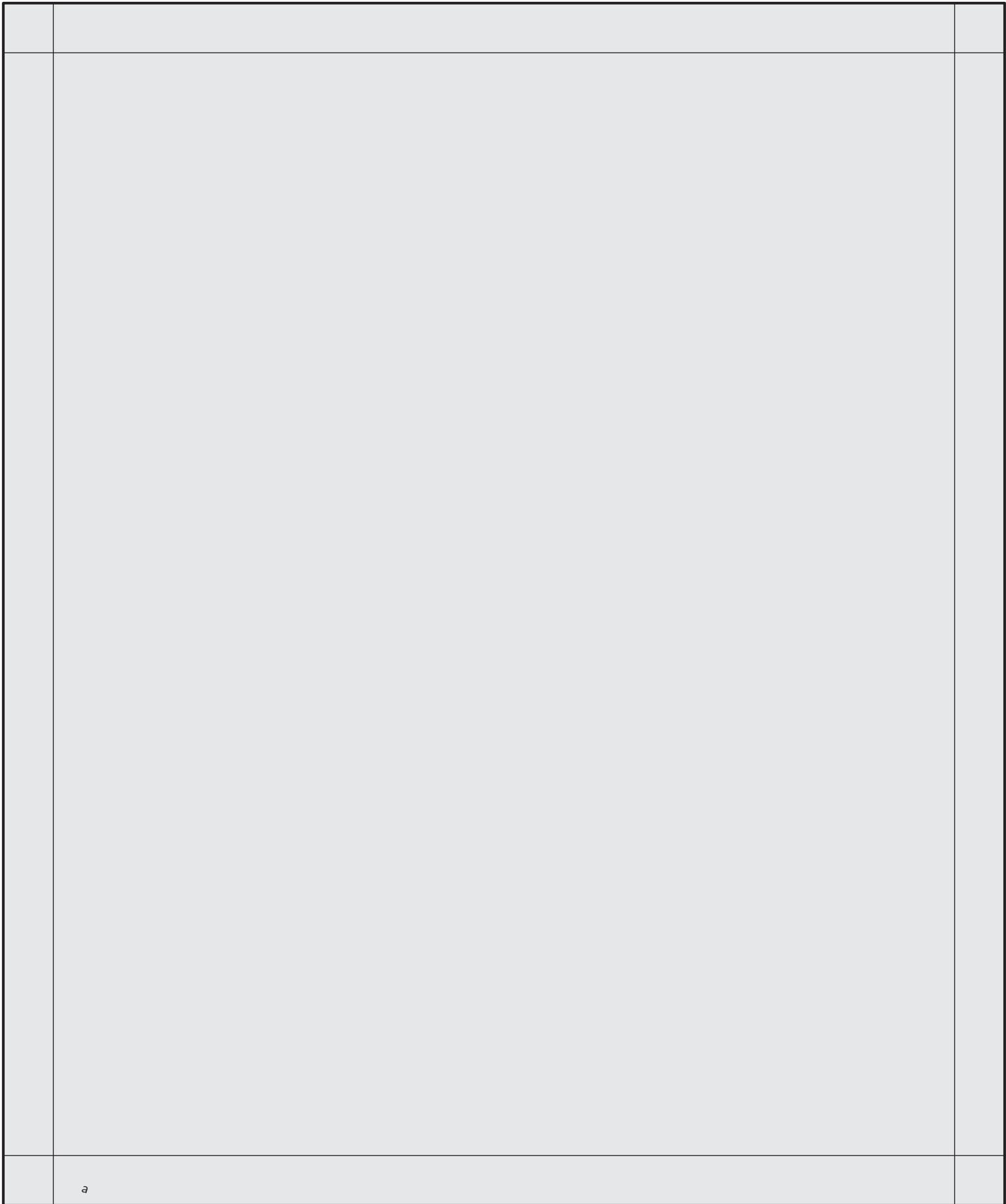
0 0 (2) garrel.all

1 ↕ 3  
6



Synthèse topographique réalisée par P. Vernant



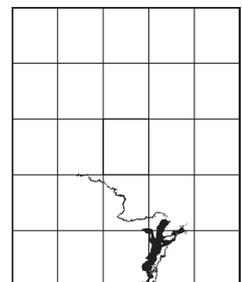


a

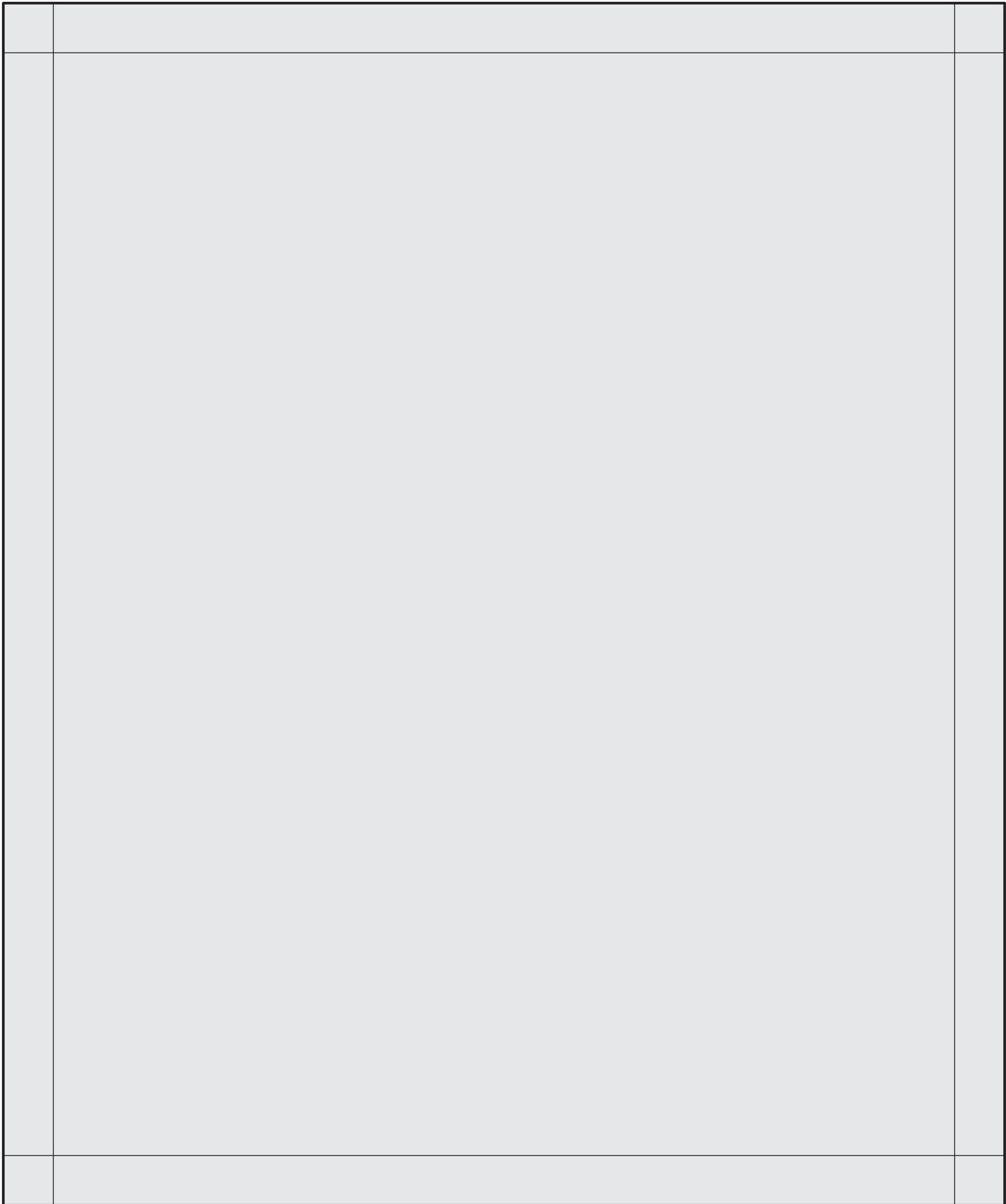
0 1 (3) garrel.all

2 4  
7

50 m

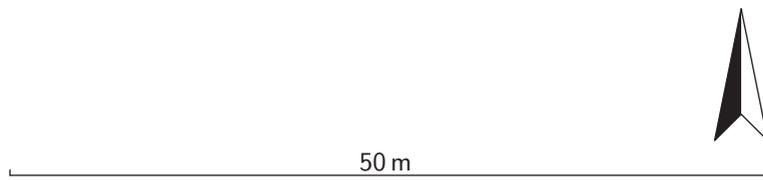


Synthèse topographique réalisée par P. Vernant

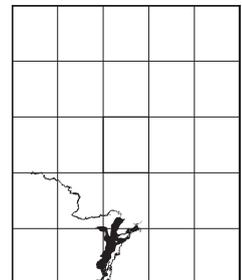


0 2 (4) garrel.all

3 8



Synthèse topographique réalisée par P. Vernant

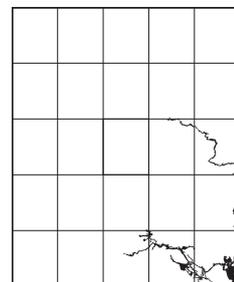


G a l e r i e

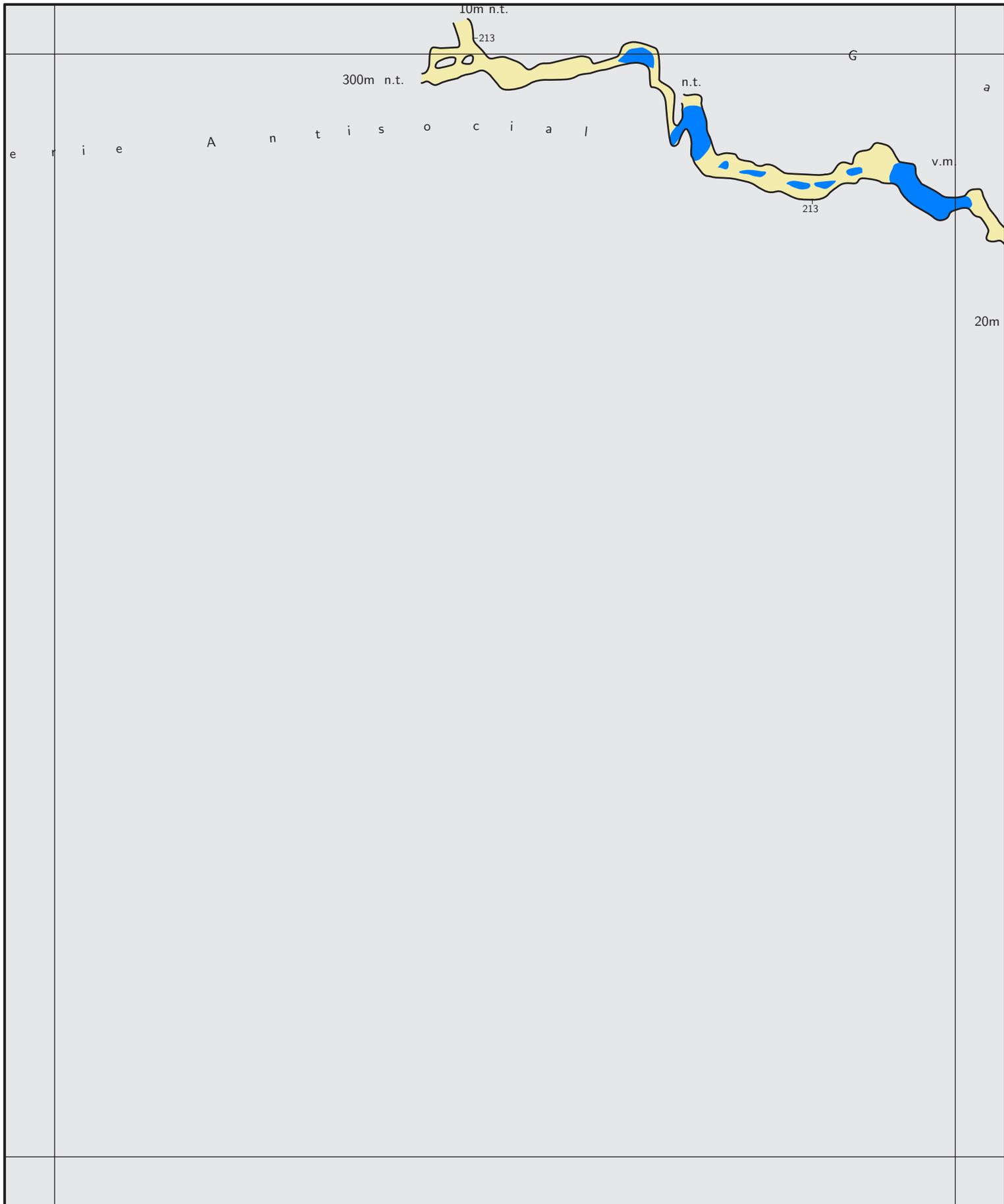
1 -1 (5) garrel.all

1  
6  
18

50 m

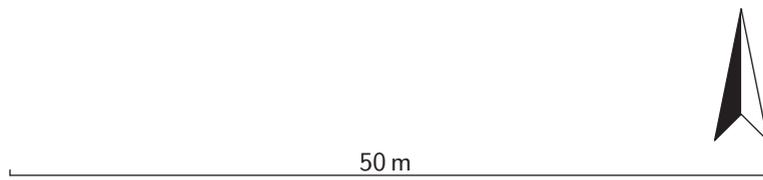


Synthèse topographique réalisée par P. Vernant

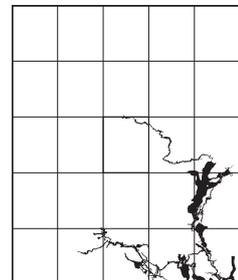


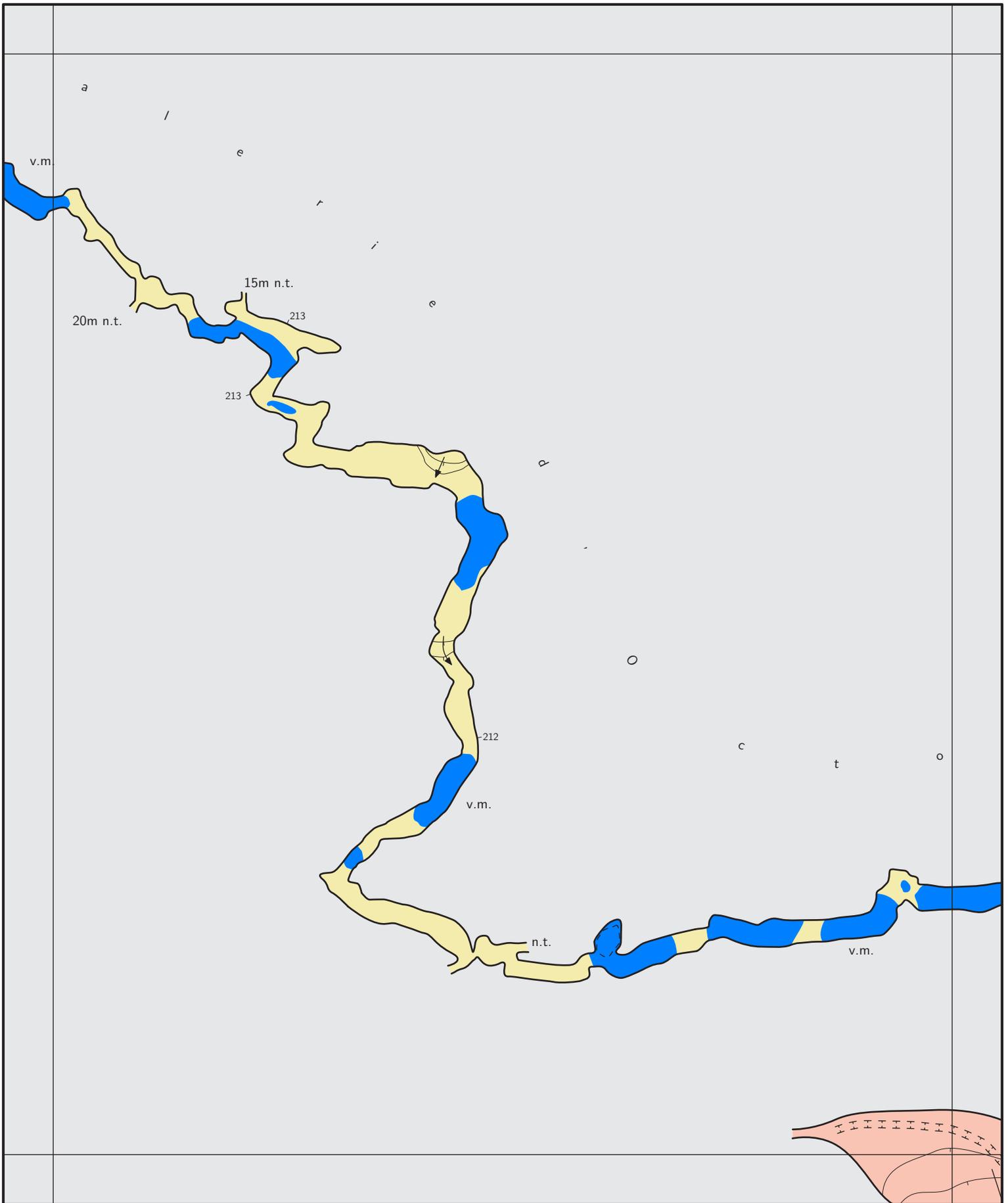
1 0 (6) garrel.all

2  
5 ↕ 7  
19



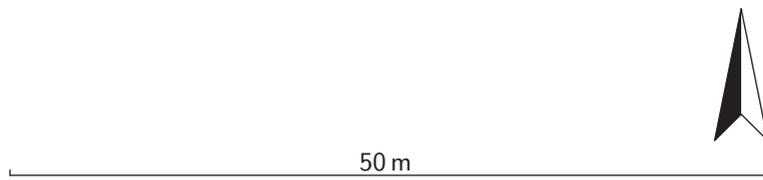
Synthèse topographique réalisée par P. Vernant



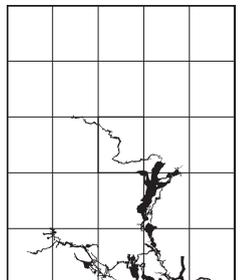


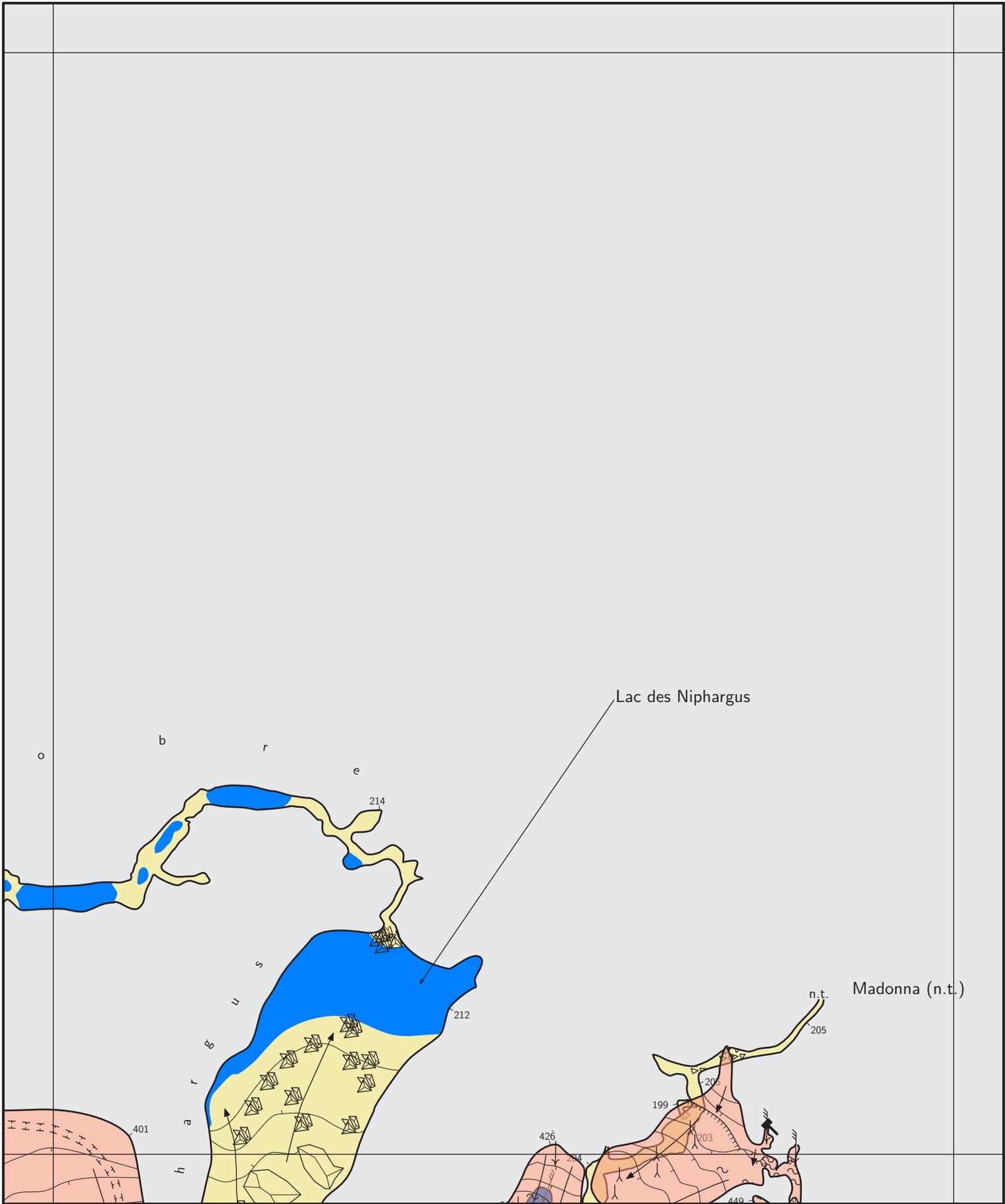
1 1 (7) garrel.all

3  
6  $\diamond$  8  
20



Synthèse topographique réalisée par P. Vernant





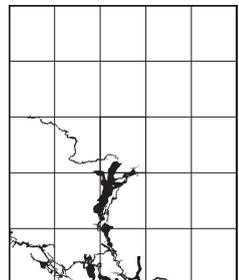
1 2 (8) garrel.all

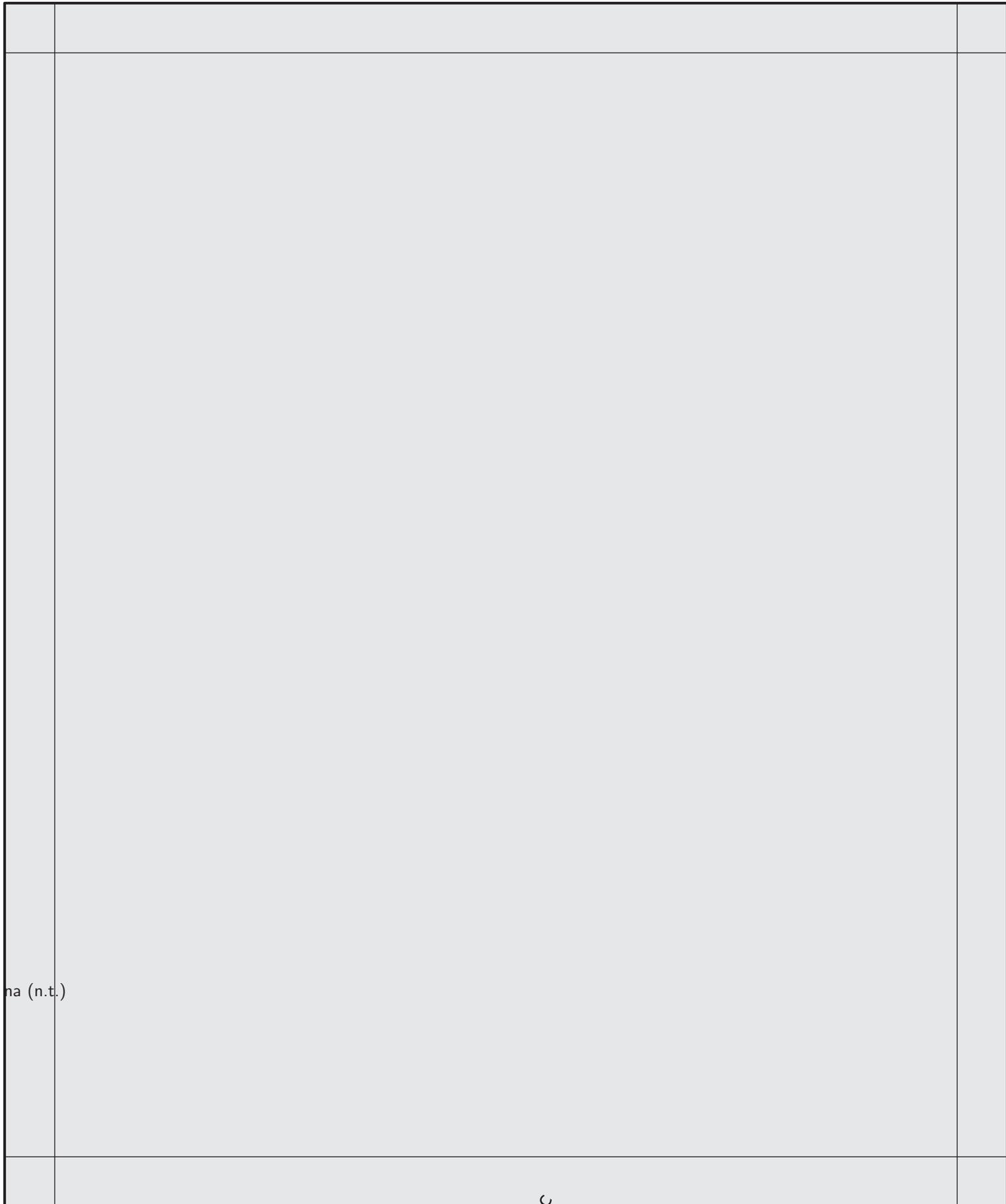
4  
7 9  
21

50 m



Synthèse topographique réalisée par P. Vernant

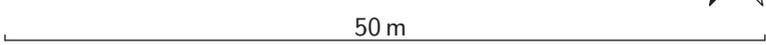




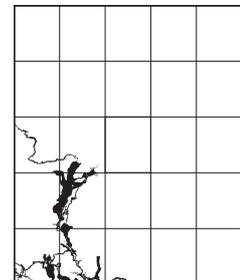
na (n.t.)

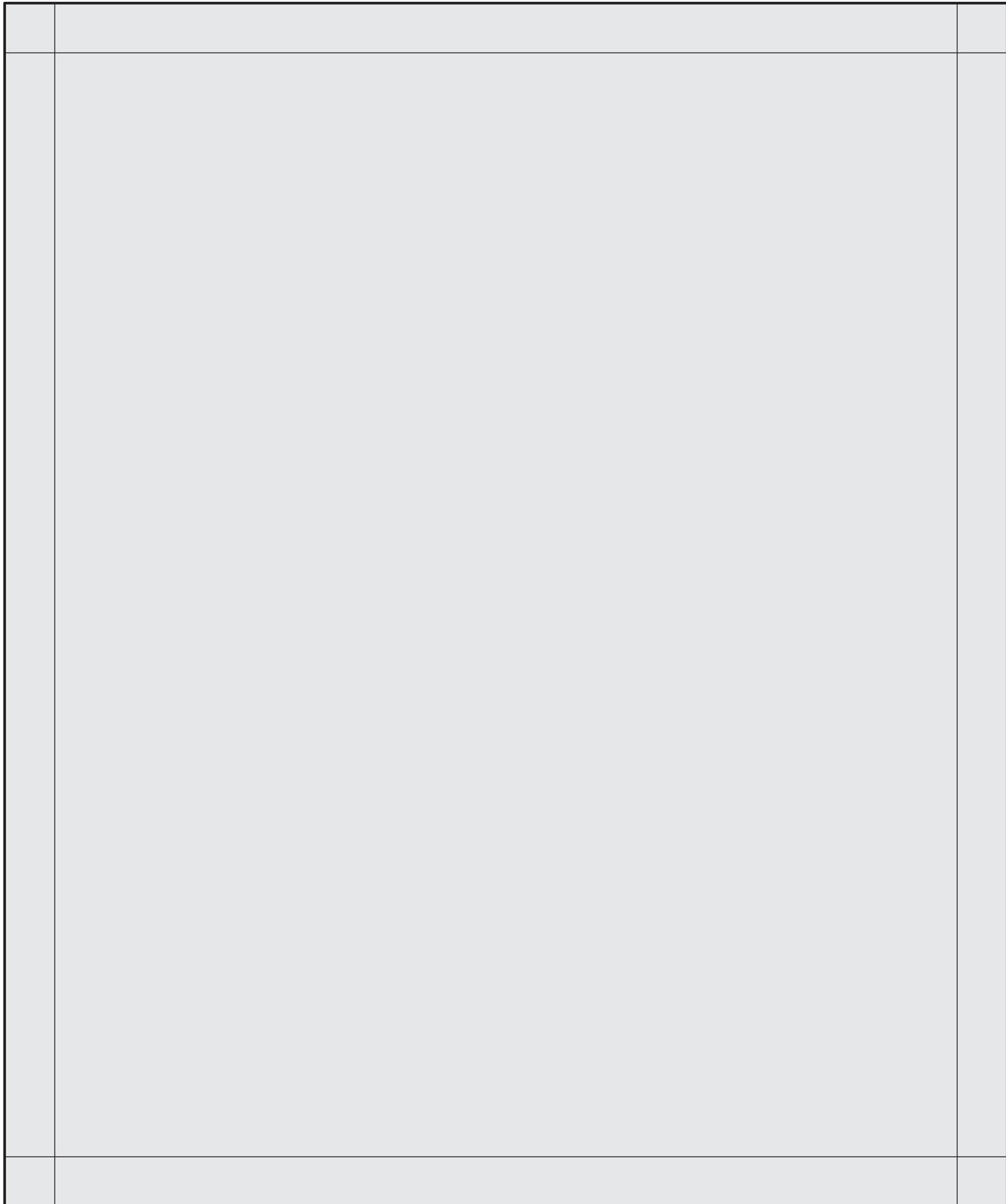
1 3 (9) garrel.all

8 10  
22



Synthèse topographique réalisée par P. Vernant





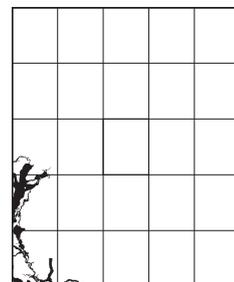
1 4 (10) garrel.all

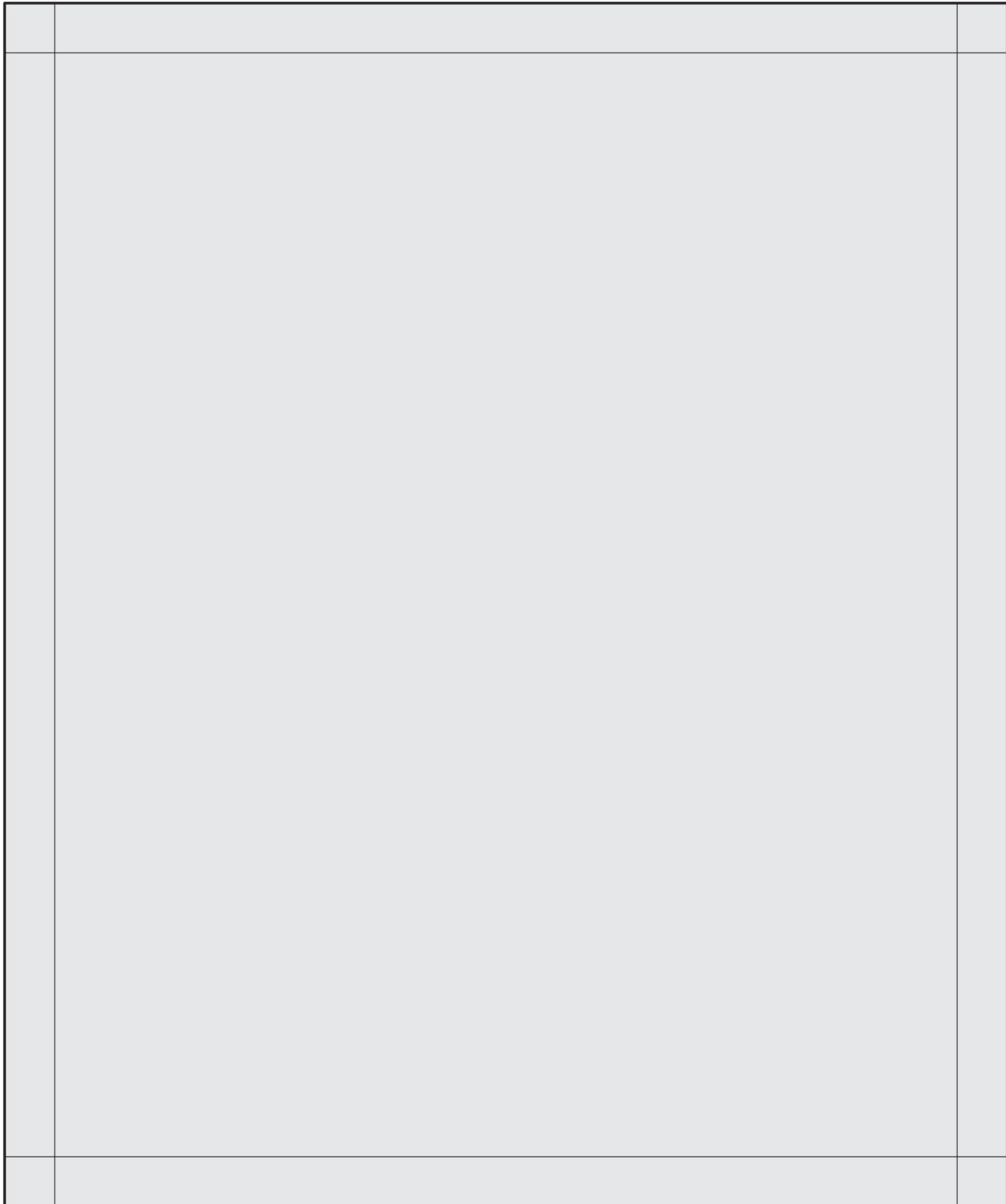
9 11  
23

50 m



Synthèse topographique réalisée par P. Vernant

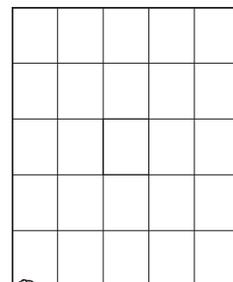




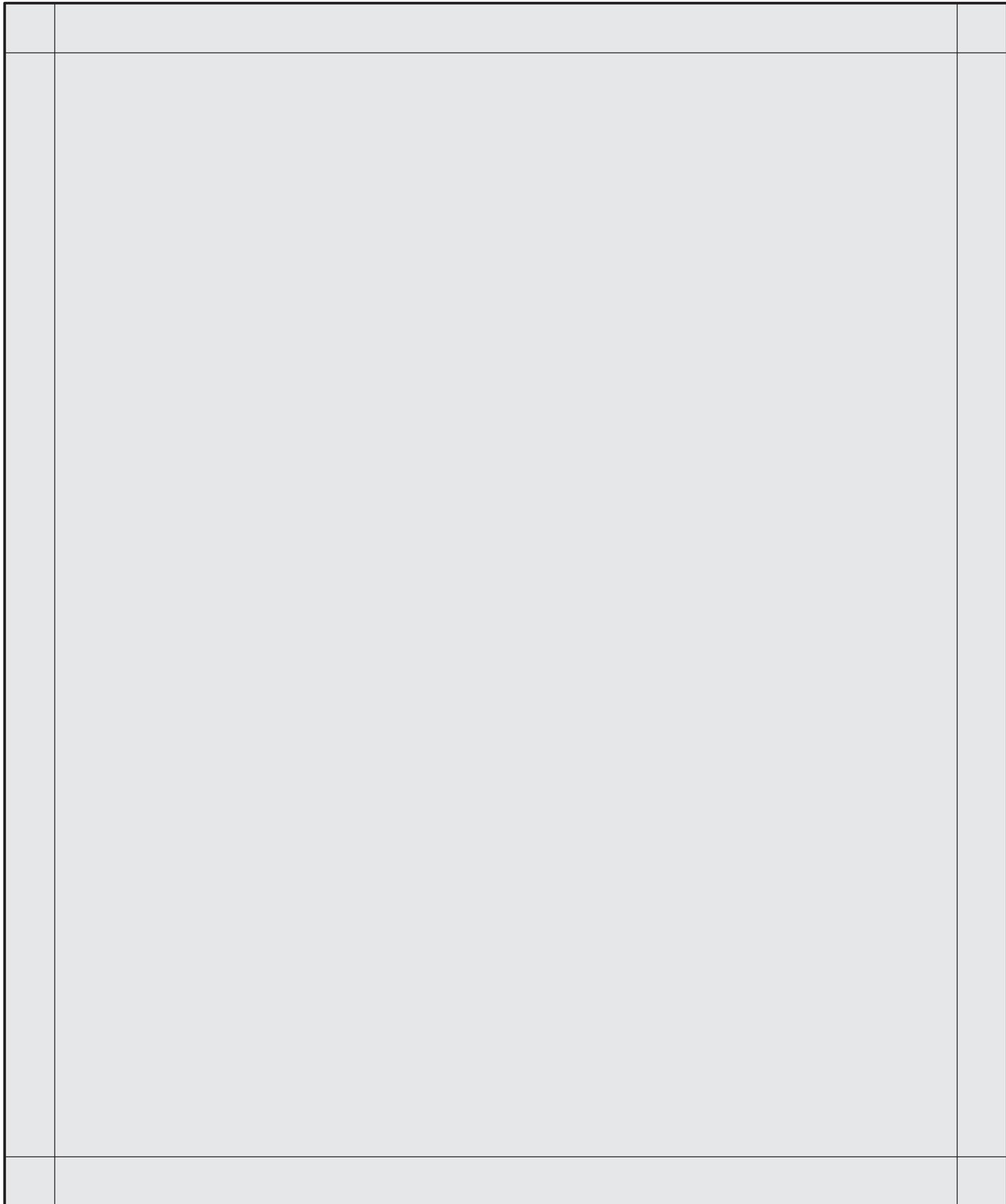
1 5 (11) garrel.all

10 ↕ 12  
24

50 m



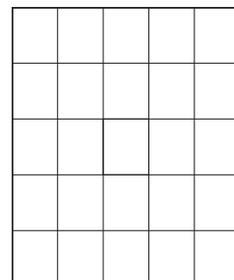
Synthèse topographique réalisée par P. Vernant



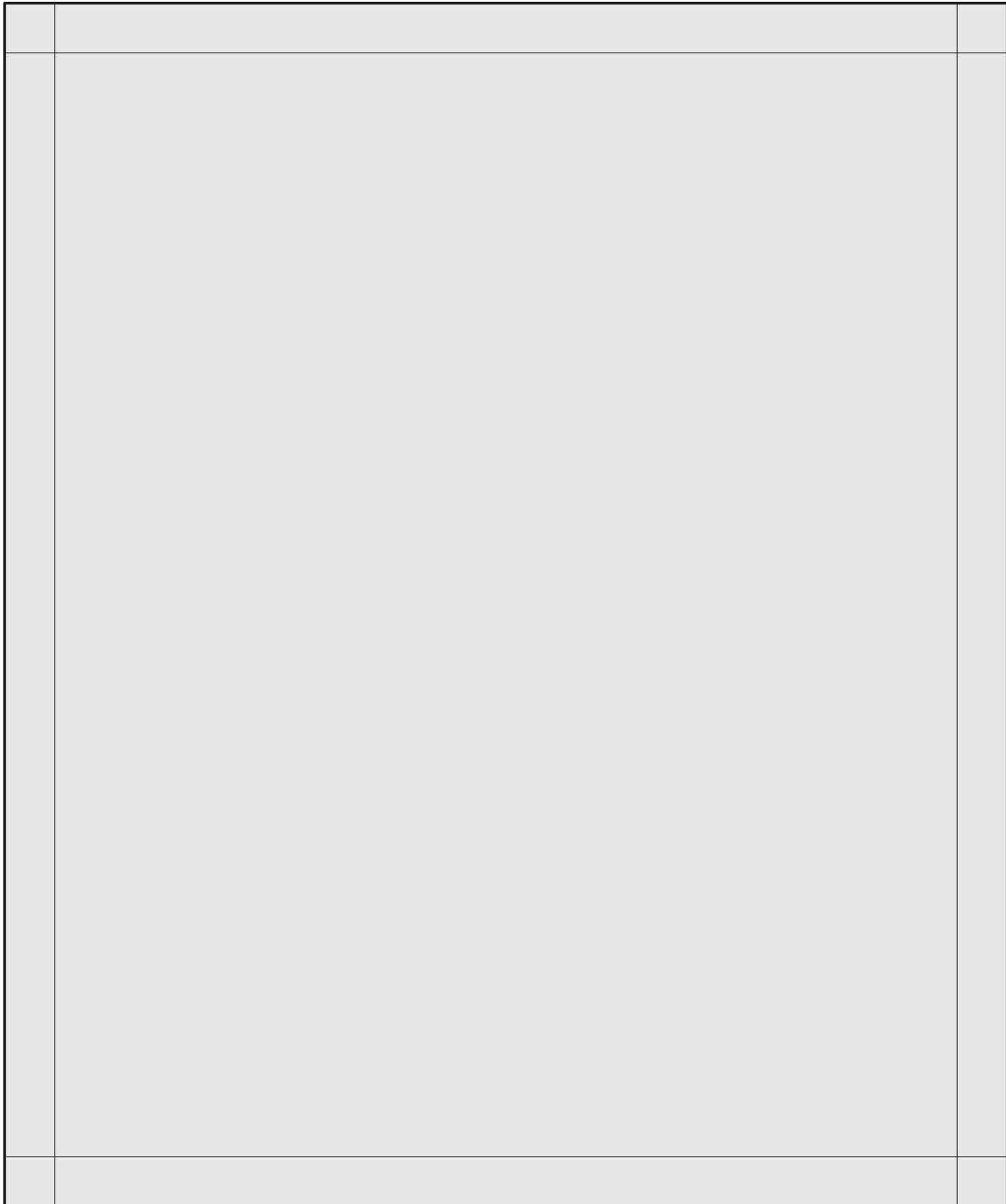
1 6 (12) garrel.all

11 ↕ 13  
25

50 m

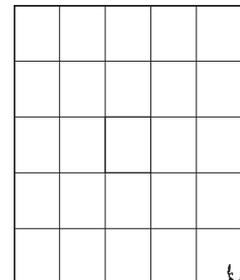
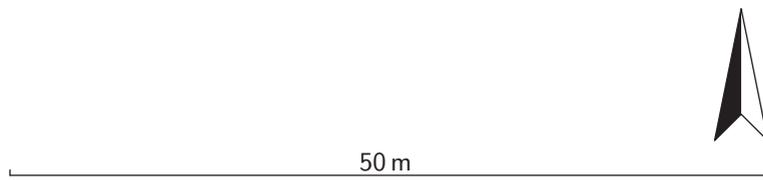


Synthèse topographique réalisée par P. Vernant

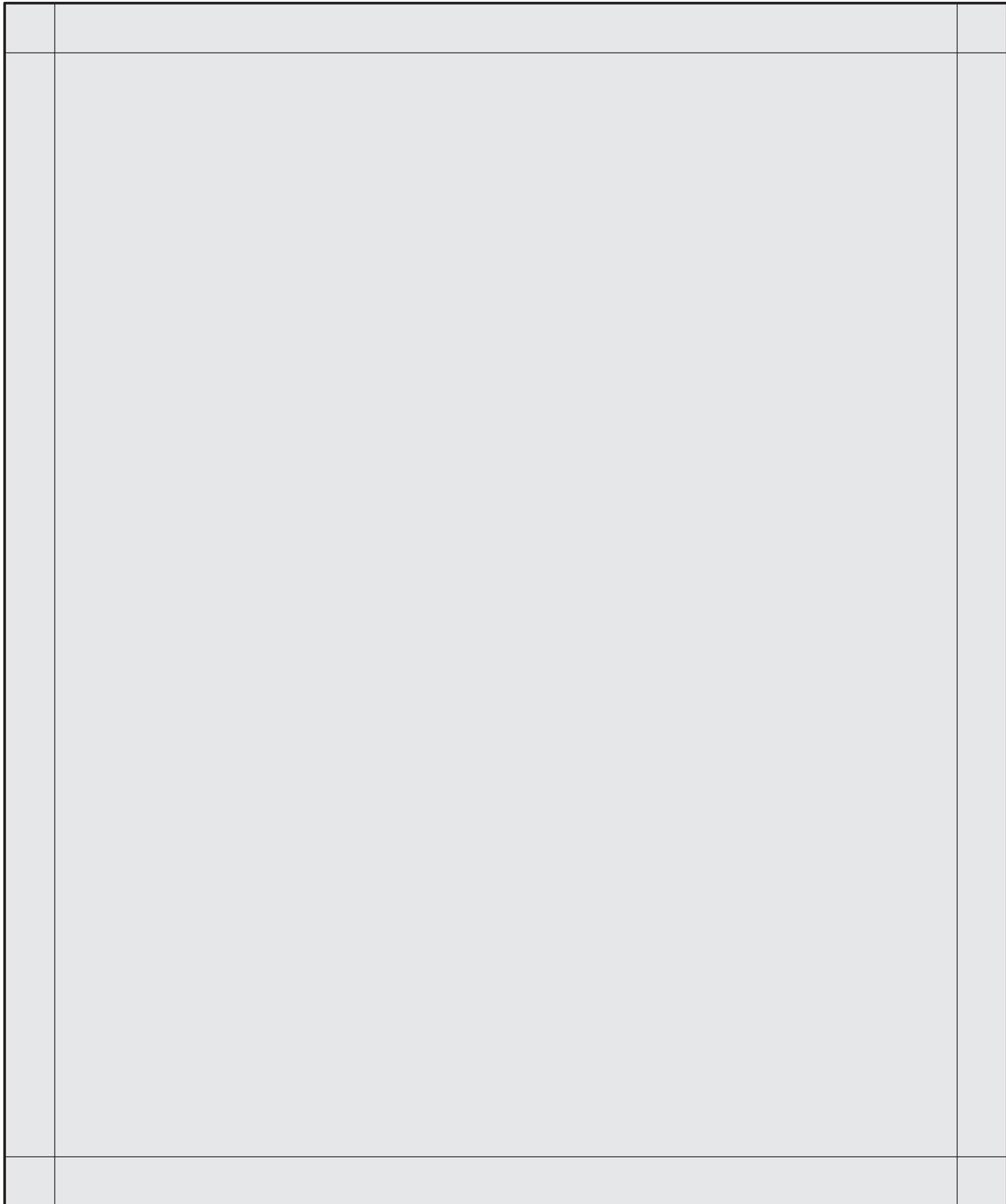


1 7 (13) garrel.all

12 ↕ 14  
26

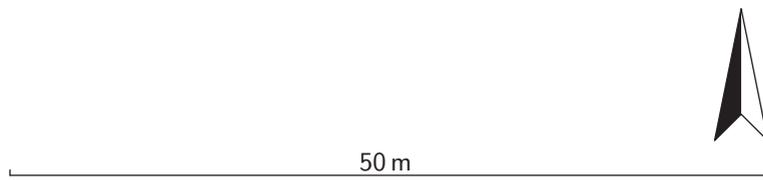


Synthèse topographique réalisée par P. Vernant

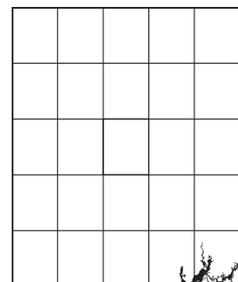


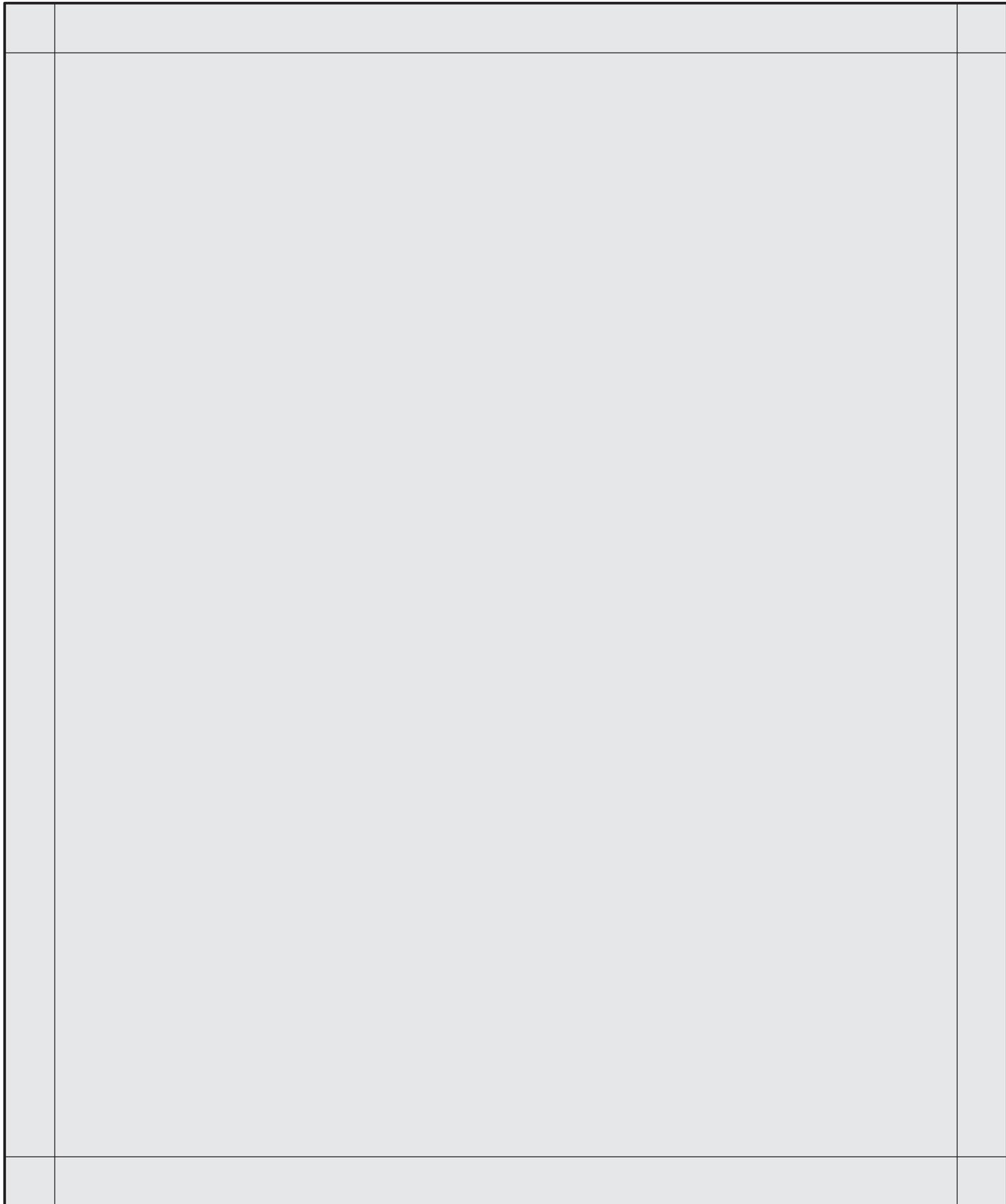
1 8 (14) garrel.all

13 ↕ 15  
27



Synthèse topographique réalisée par P. Vernant

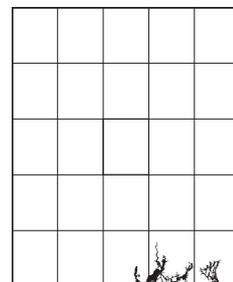




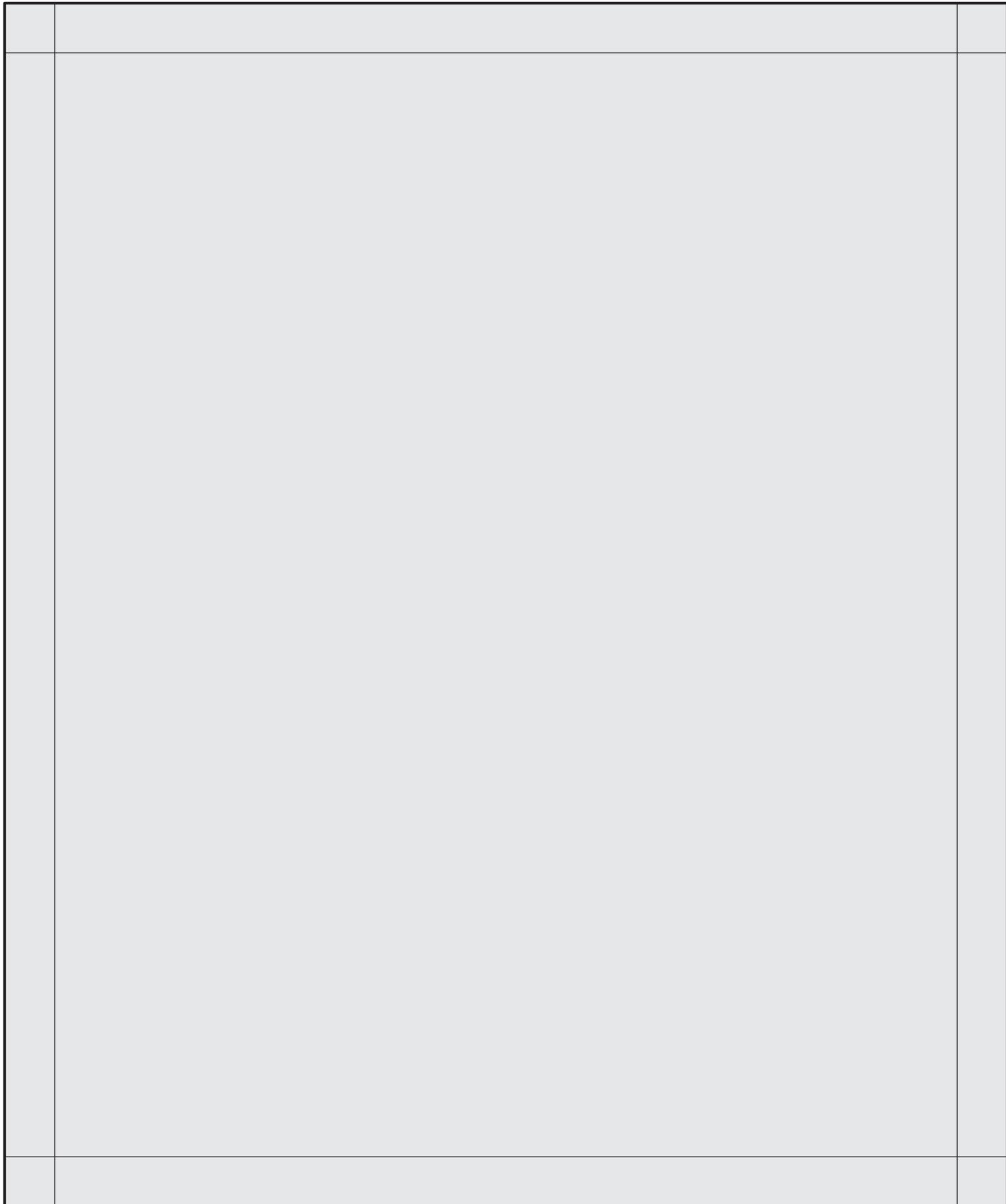
1 9 (15) garrel.all

14 ↕ 16  
28

50 m



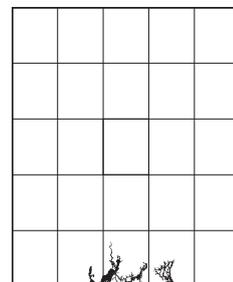
Synthèse topographique réalisée par P. Vernant



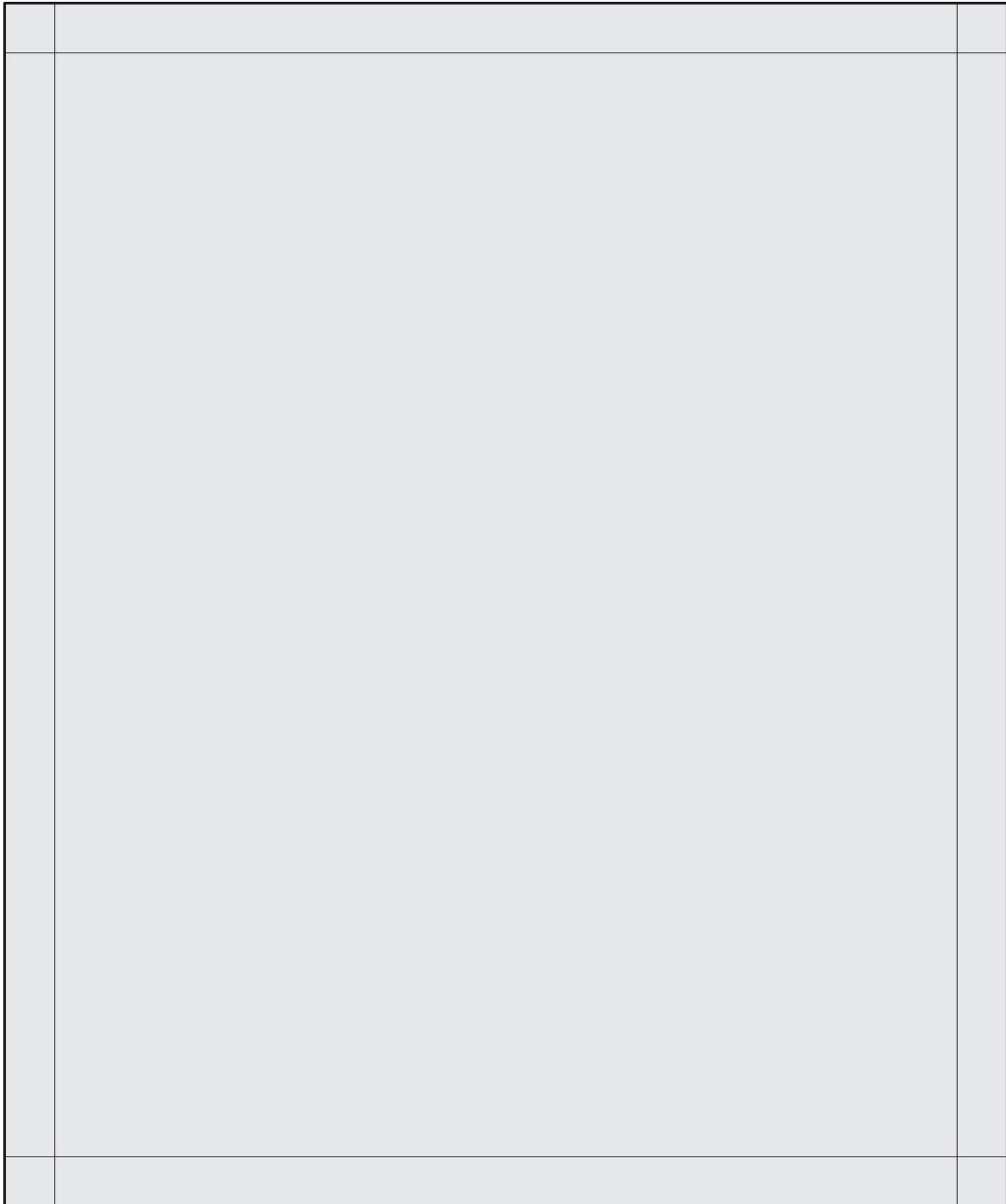
1 10 (16) garrel.all

15 ↕ 17  
29

50 m

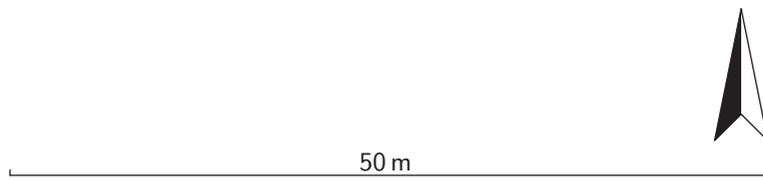


Synthèse topographique réalisée par P. Vernant

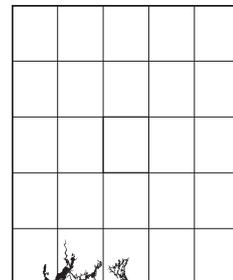


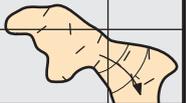
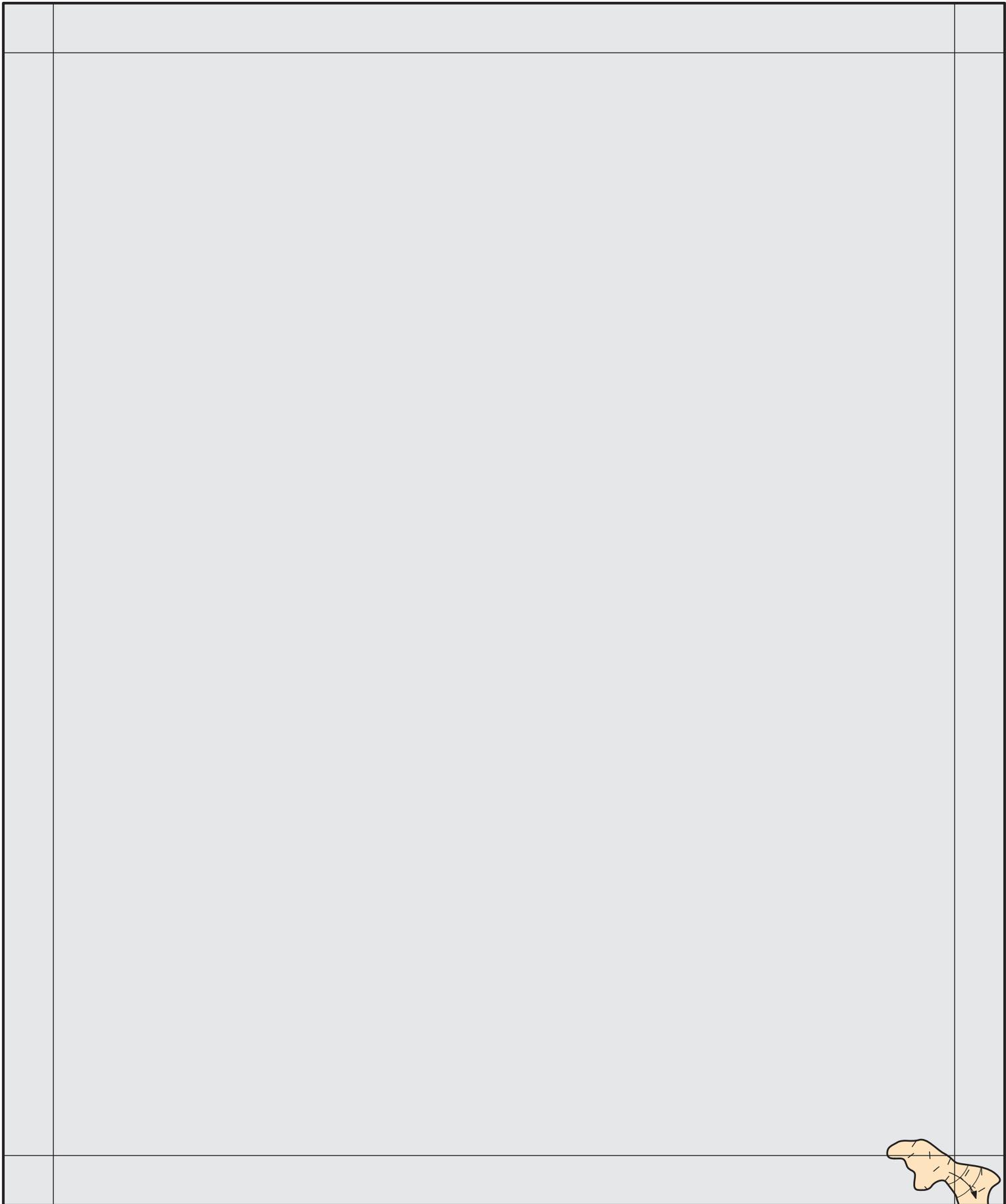
1 11 (17) garrel.all

16 ↕  
30



Synthèse topographique réalisée par P. Vernant





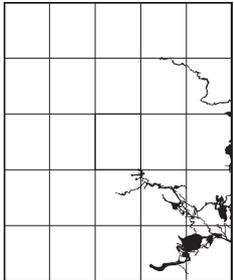
2 -1 (18) garrel.all

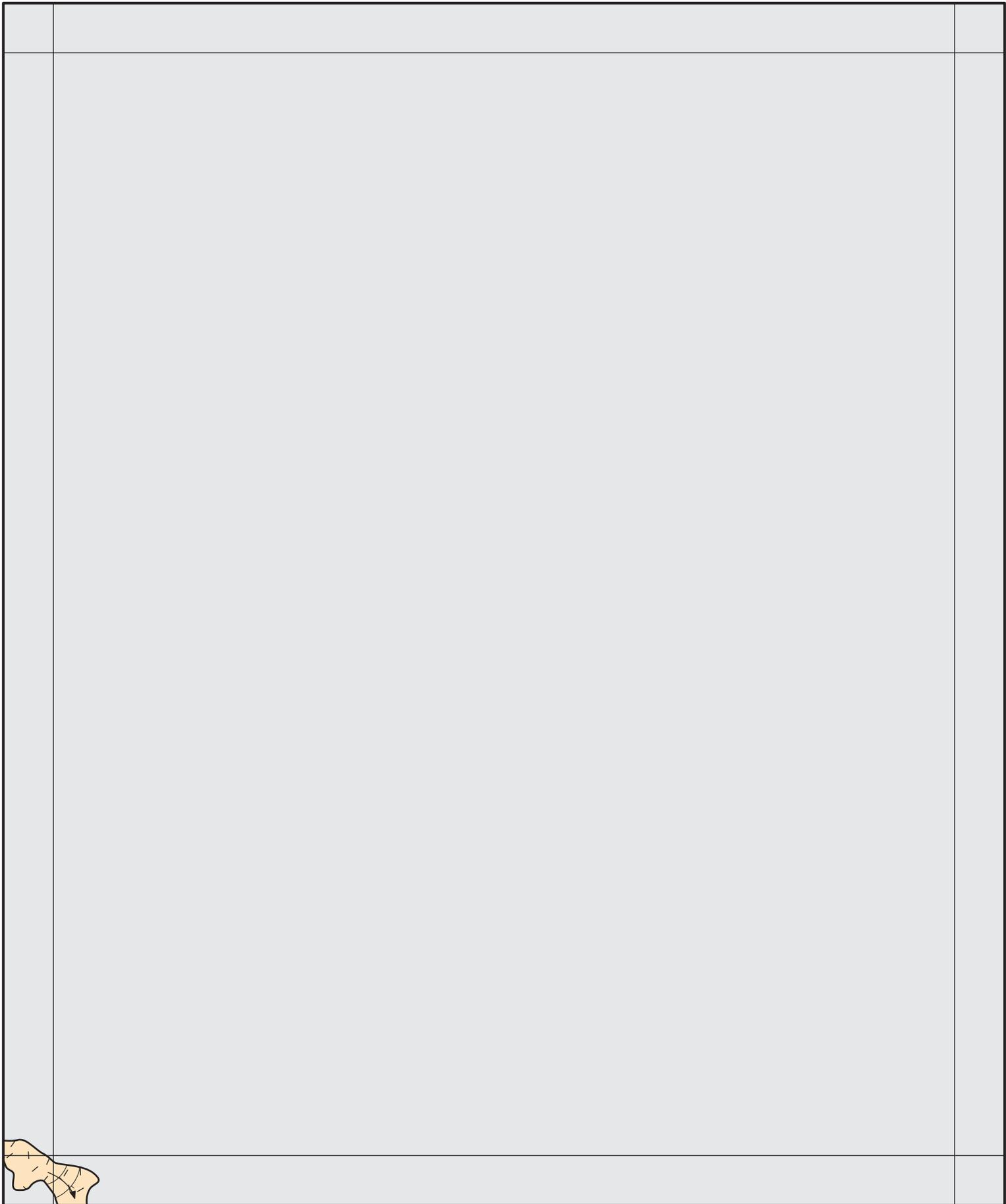
5  
⊕ 19  
31

50 m



Synthèse topographique réalisée par P. Vernant





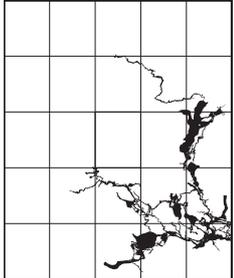
2 0 (19) garrel.all

6  
18 ↕ 20  
32

50 m



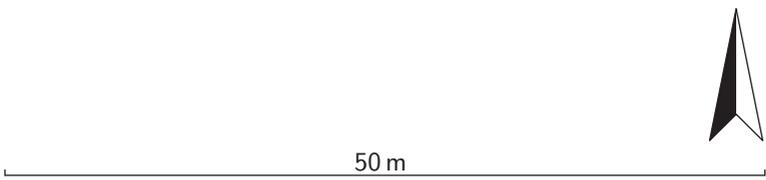
Synthèse topographique réalisée par P. Vernant



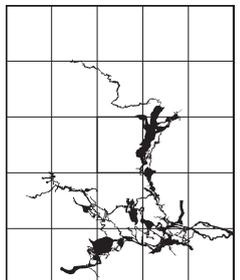


2 1 (20) garrel.all

7  
19 ↻ 21  
33



Synthèse topographique réalisée par P. Vernant





forcée des Belemnites

d u R o c B l a n c c

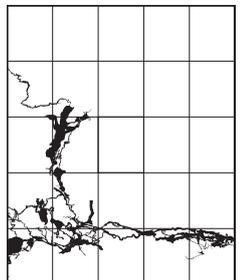
2 3 (22) garrel.all

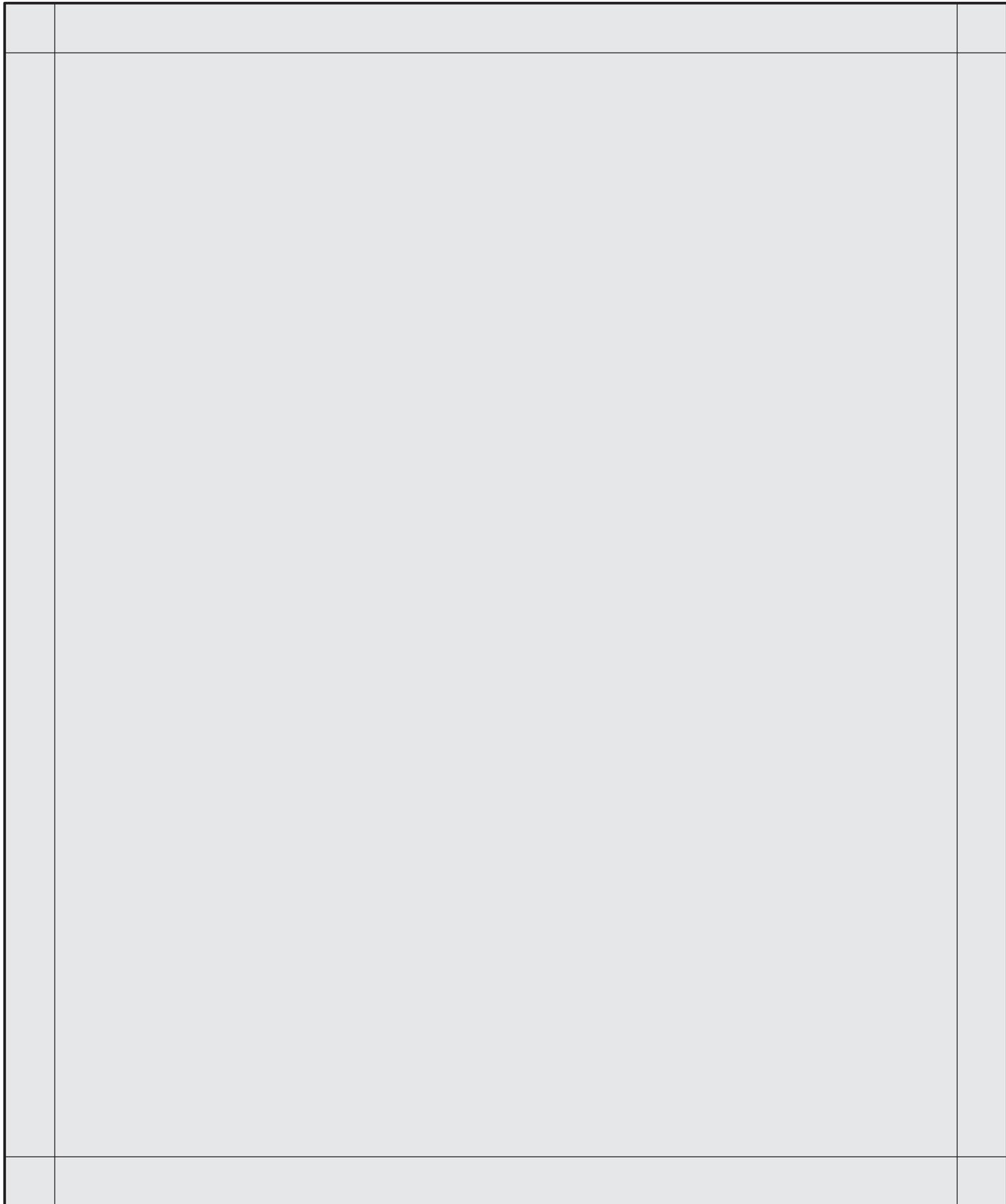
9  
21 ↻ 23  
35

50 m



Synthèse topographique réalisée par P. Vernant

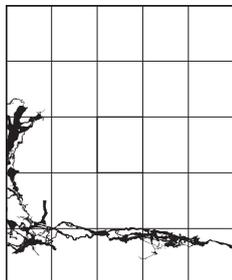




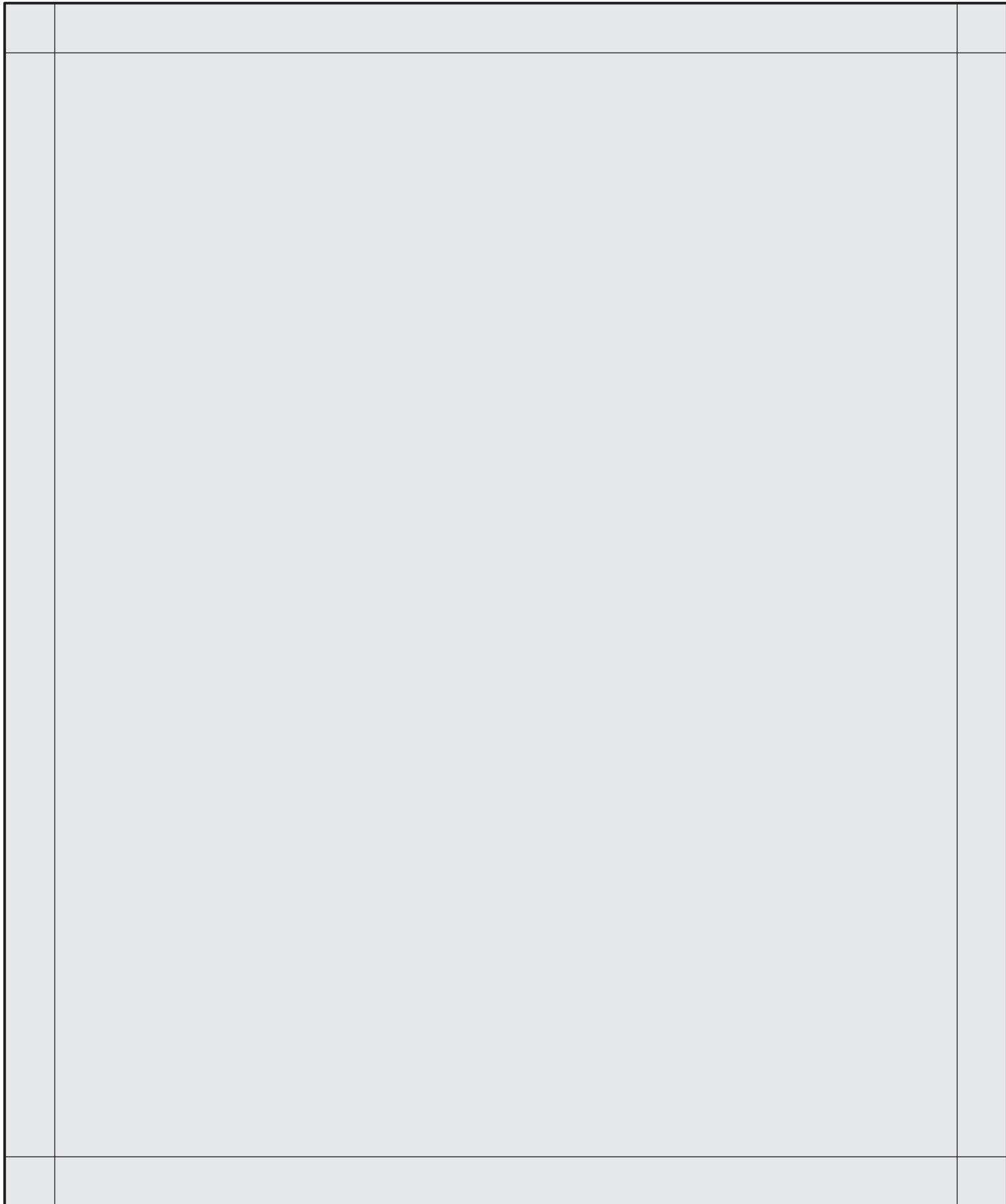
2 4 (23) garrel.all

10  
22 ↻ 24  
36

50 m

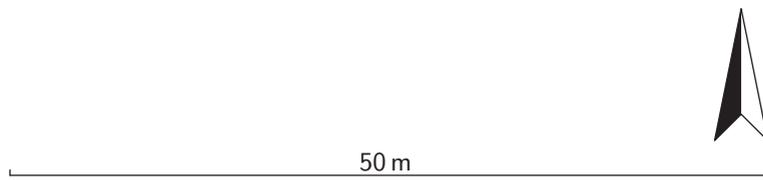


Synthèse topographique réalisée par P. Vernant

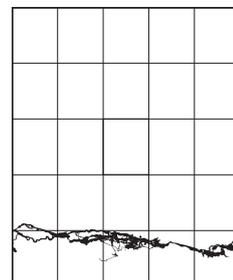


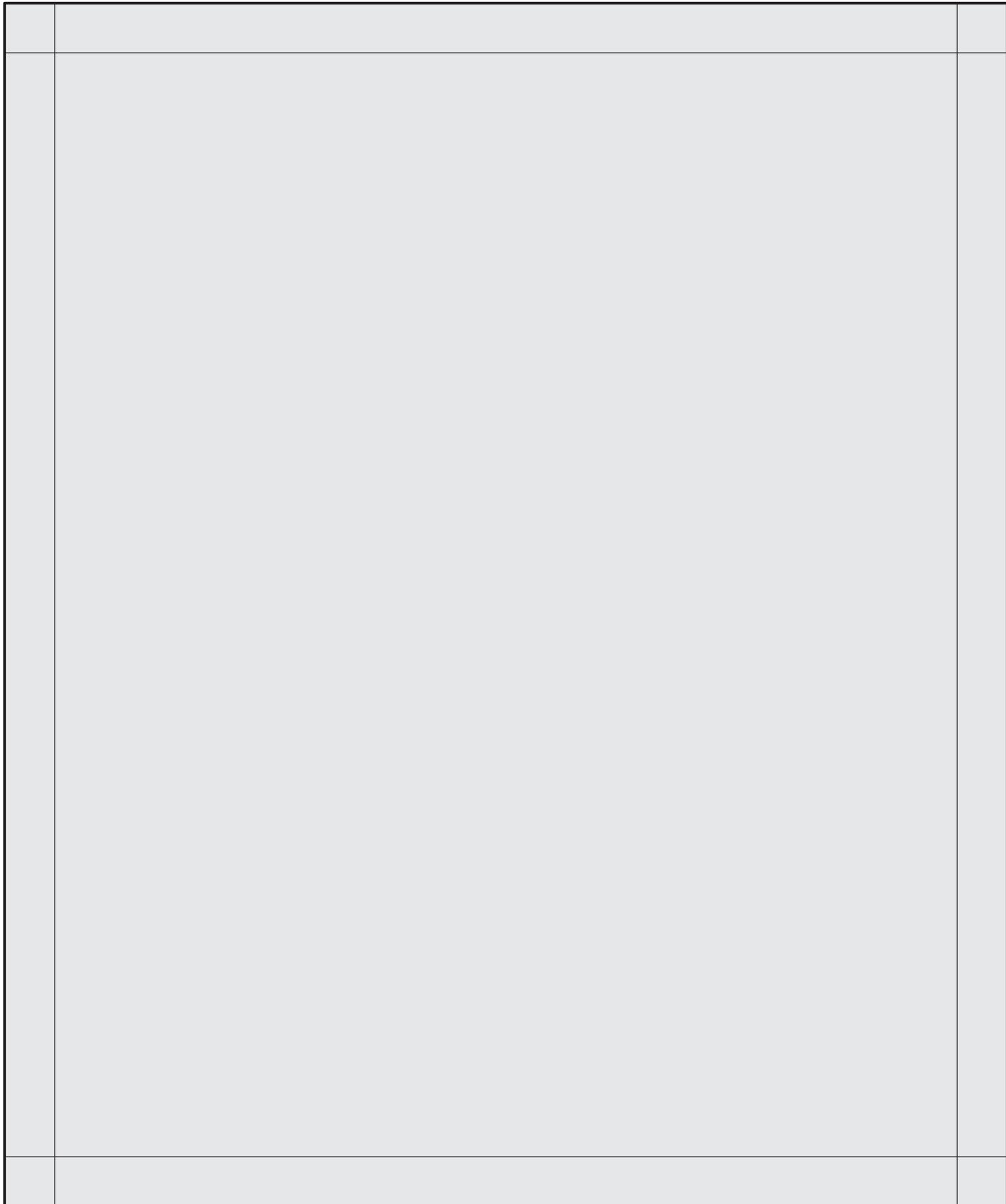
2 5 (24) garrel.all

11  
23 ↻ 25  
37



Synthèse topographique réalisée par P. Vernant

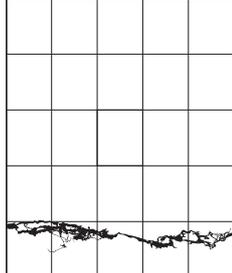




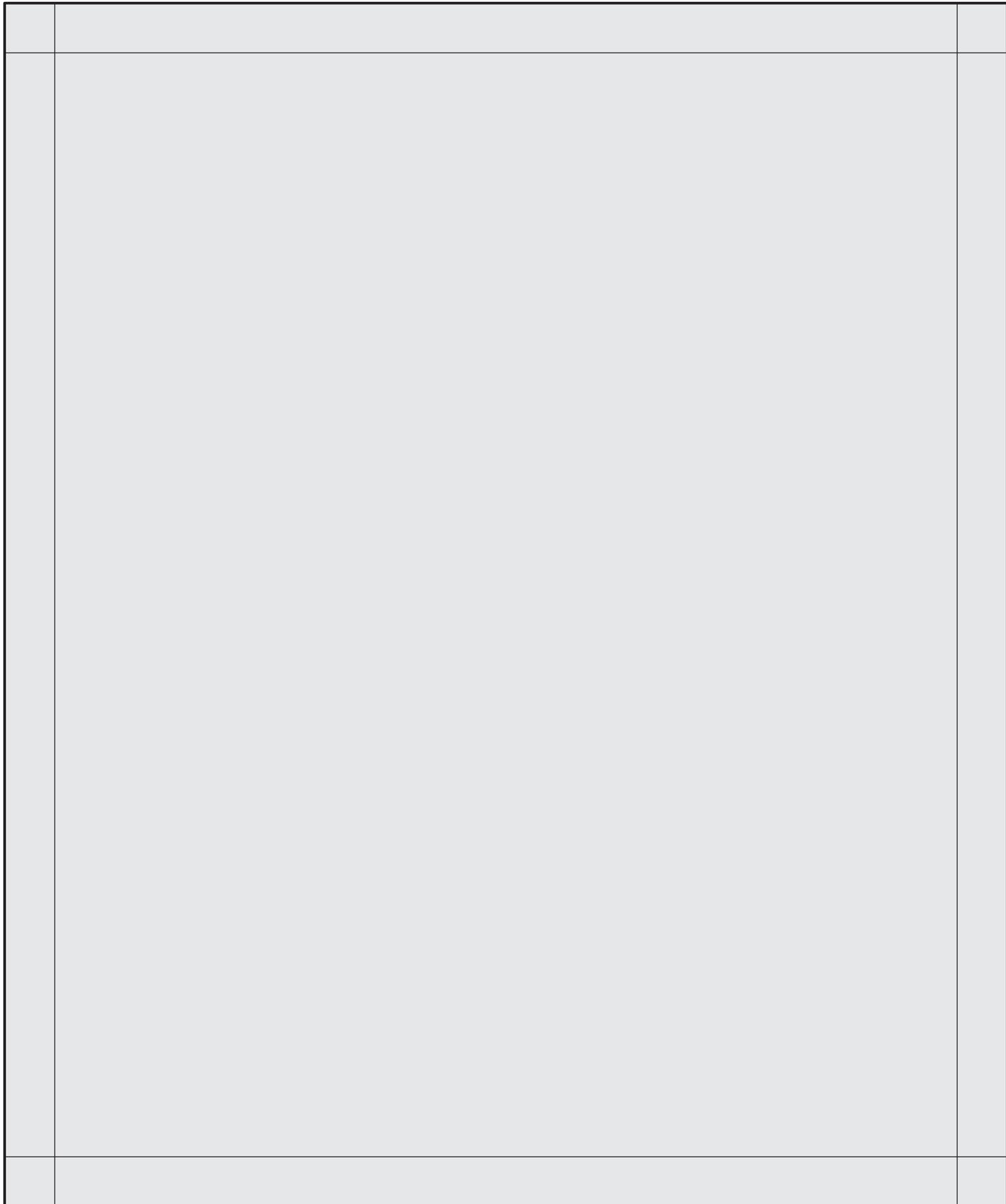
2 6 (25) garrel.all

12  
24 ↻ 26  
38

50 m



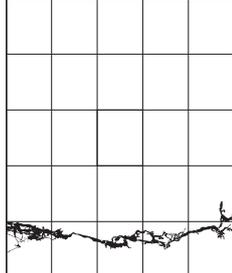
Synthèse topographique réalisée par P. Vernant



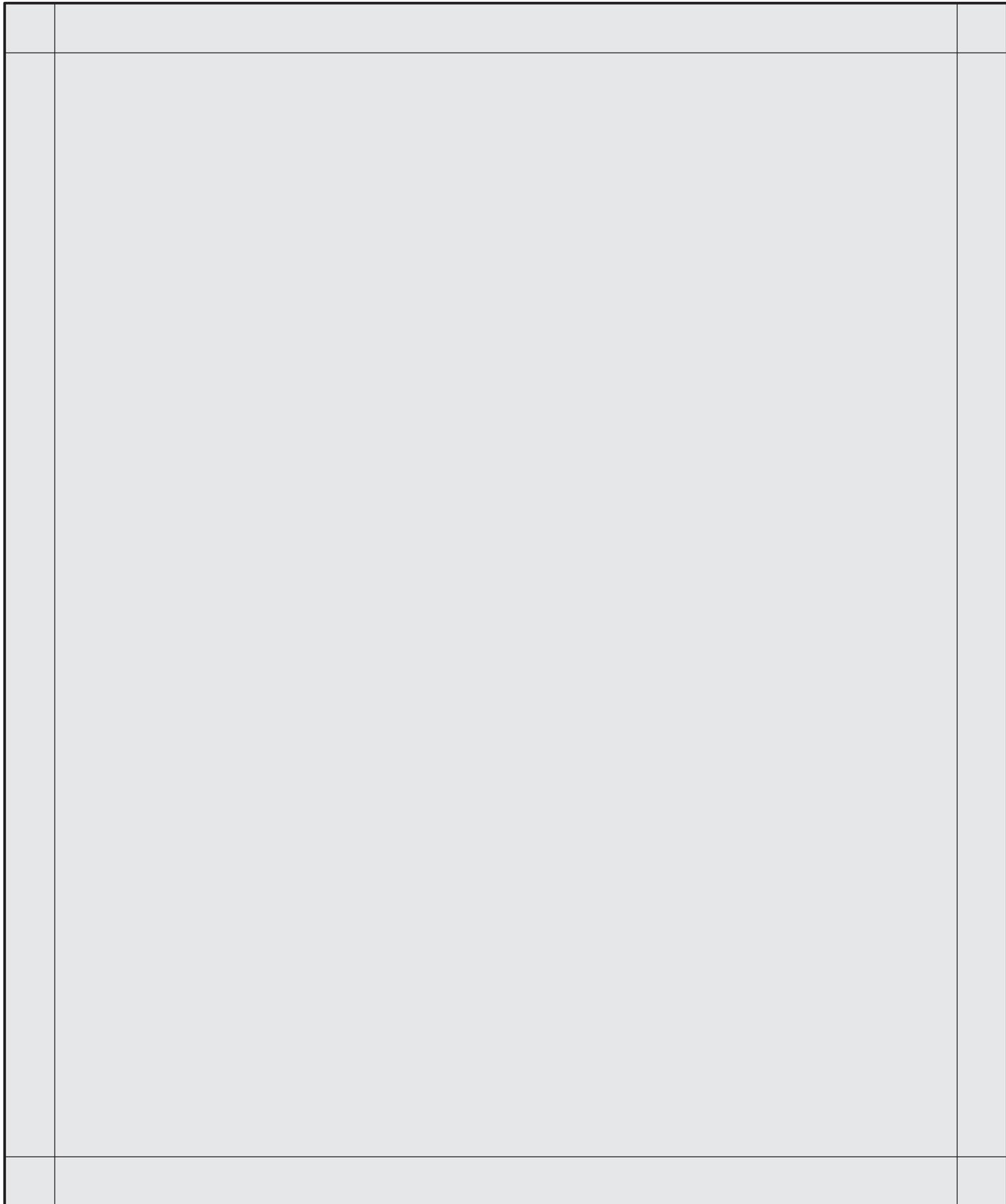
2 7 (26) garrel.all

13  
25 ↕ 27  
39

50 m



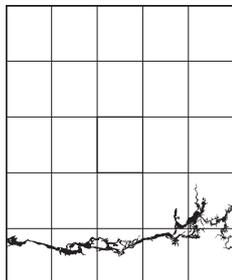
Synthèse topographique réalisée par P. Vernant



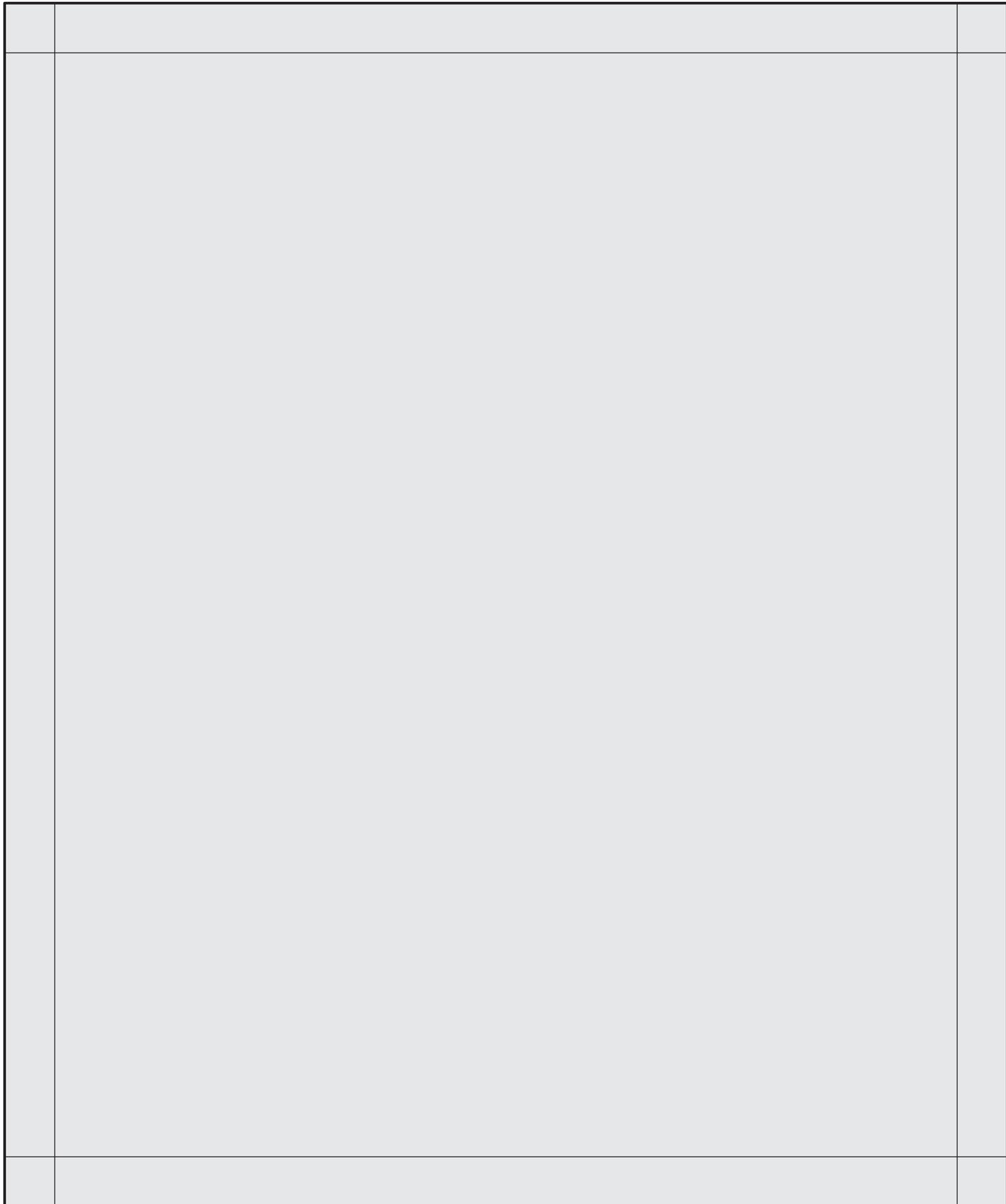
2 8 (27) garrel.all

14  
26 ↻ 28  
40

50 m



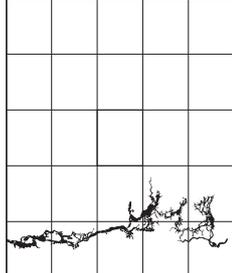
Synthèse topographique réalisée par P. Vernant



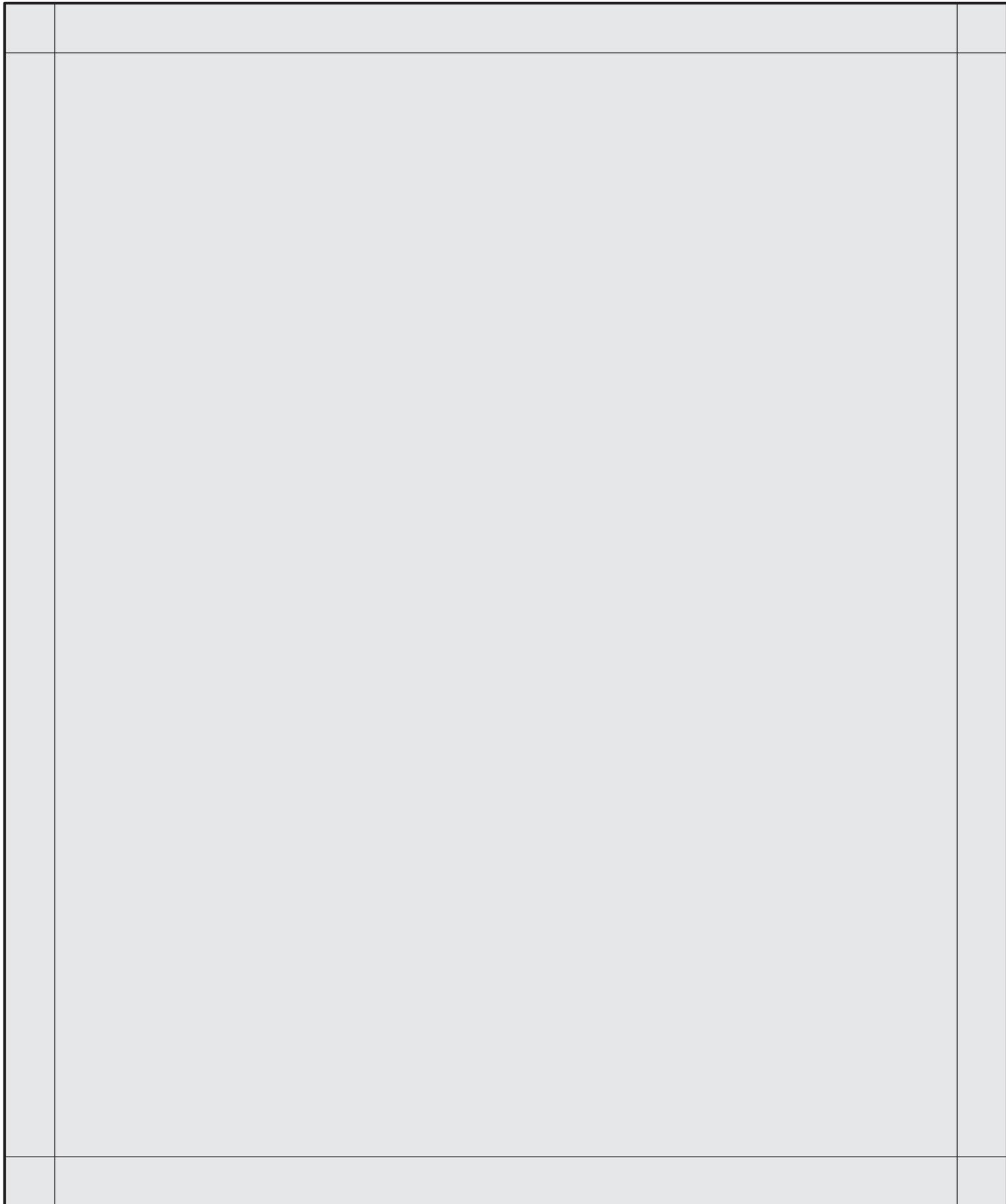
2 9 (28) garrel.all

15  
27 ↻ 29  
41

50 m



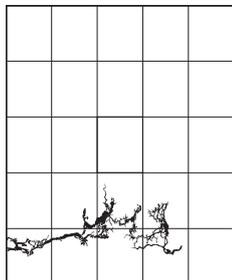
Synthèse topographique réalisée par P. Vernant



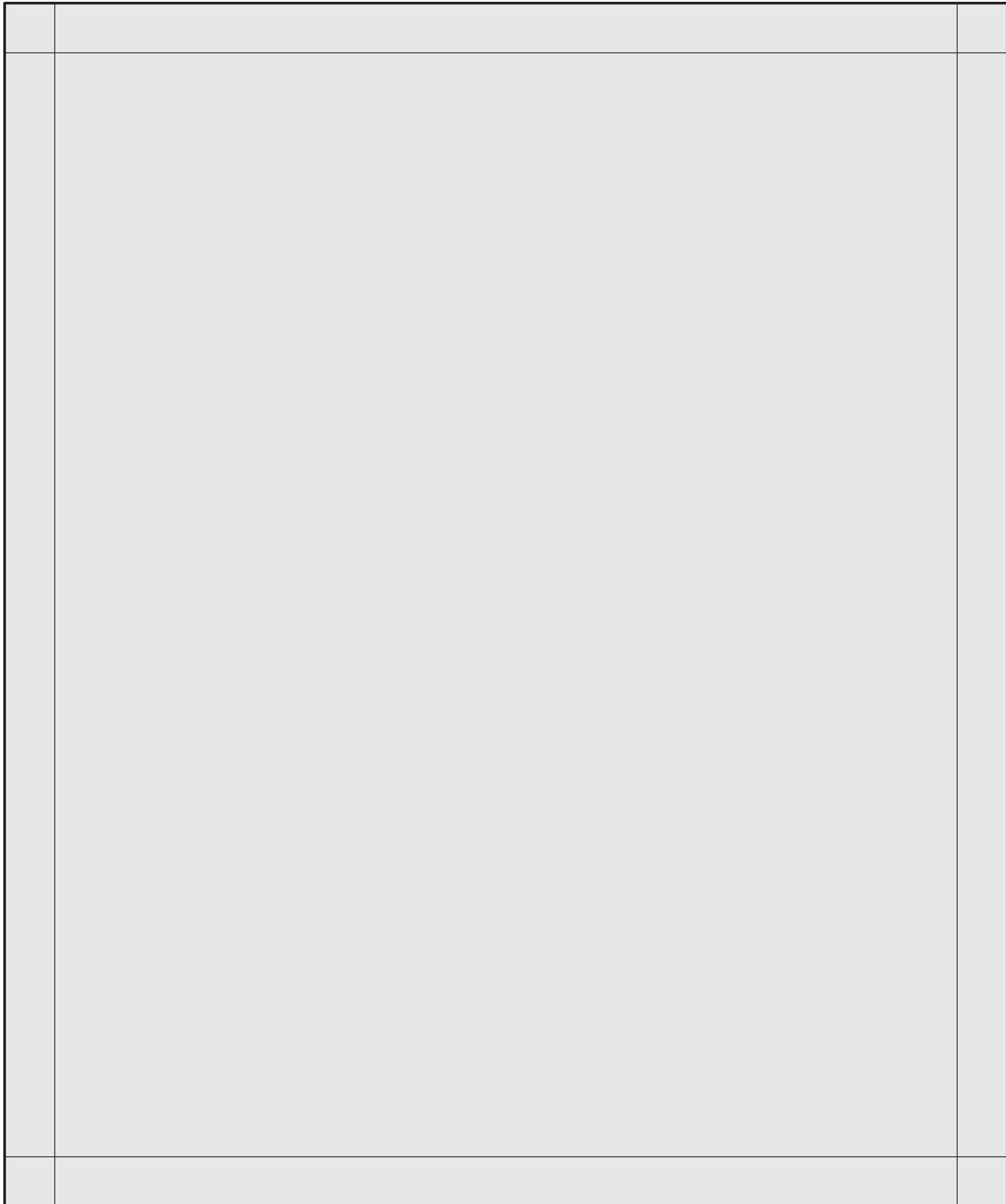
2 10 (29) garrel.all

16  
28 ↻ 30  
42

50 m

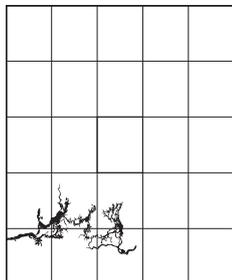
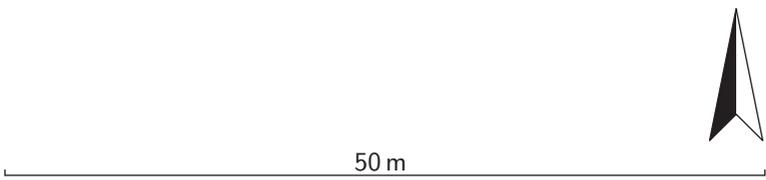


Synthèse topographique réalisée par P. Vernant

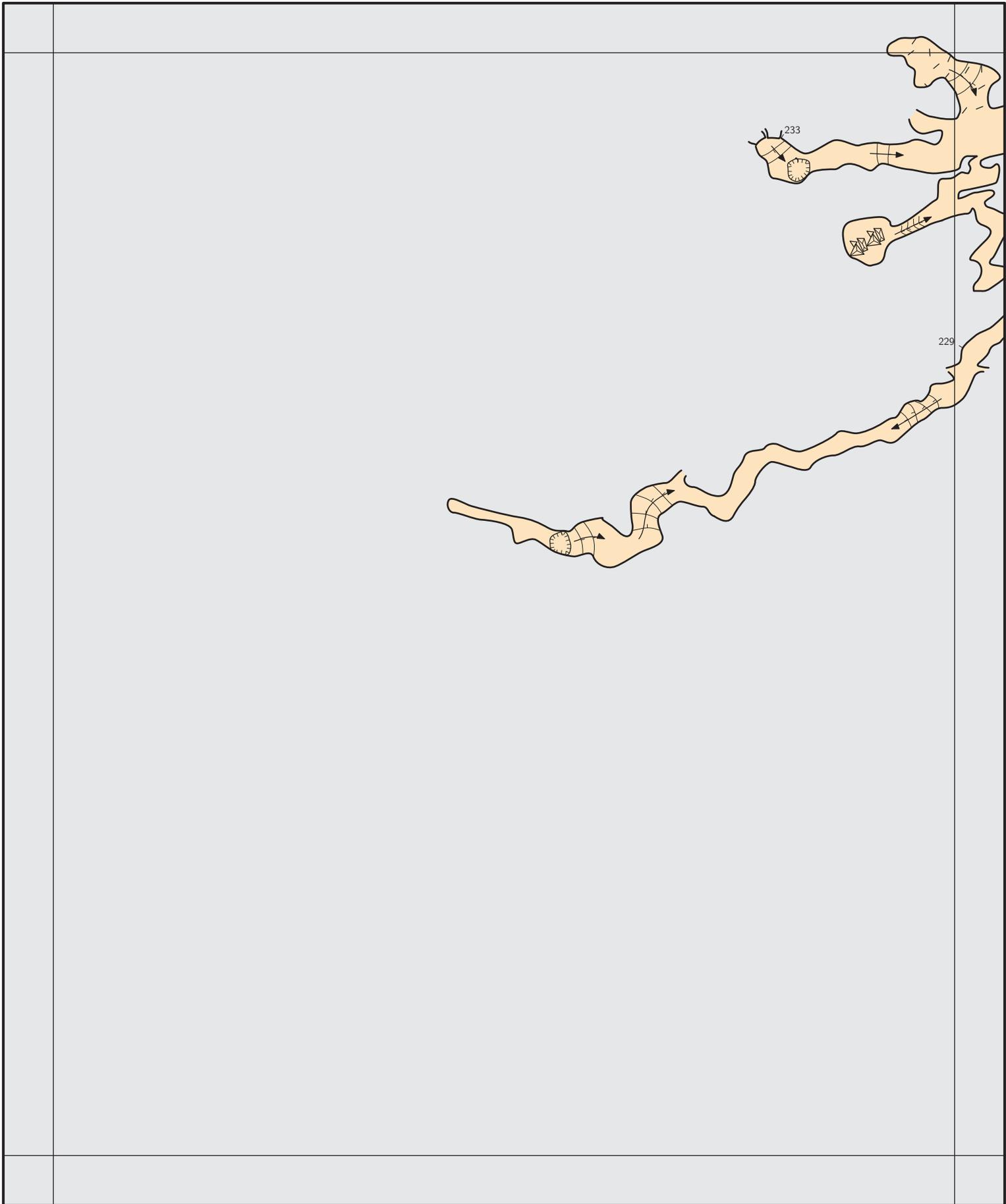


2 11 (30) garrel.all

17  
29  
43



Synthèse topographique réalisée par P. Vernant



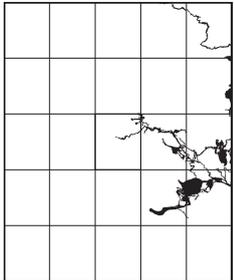
3 -1 (31) garrel.all

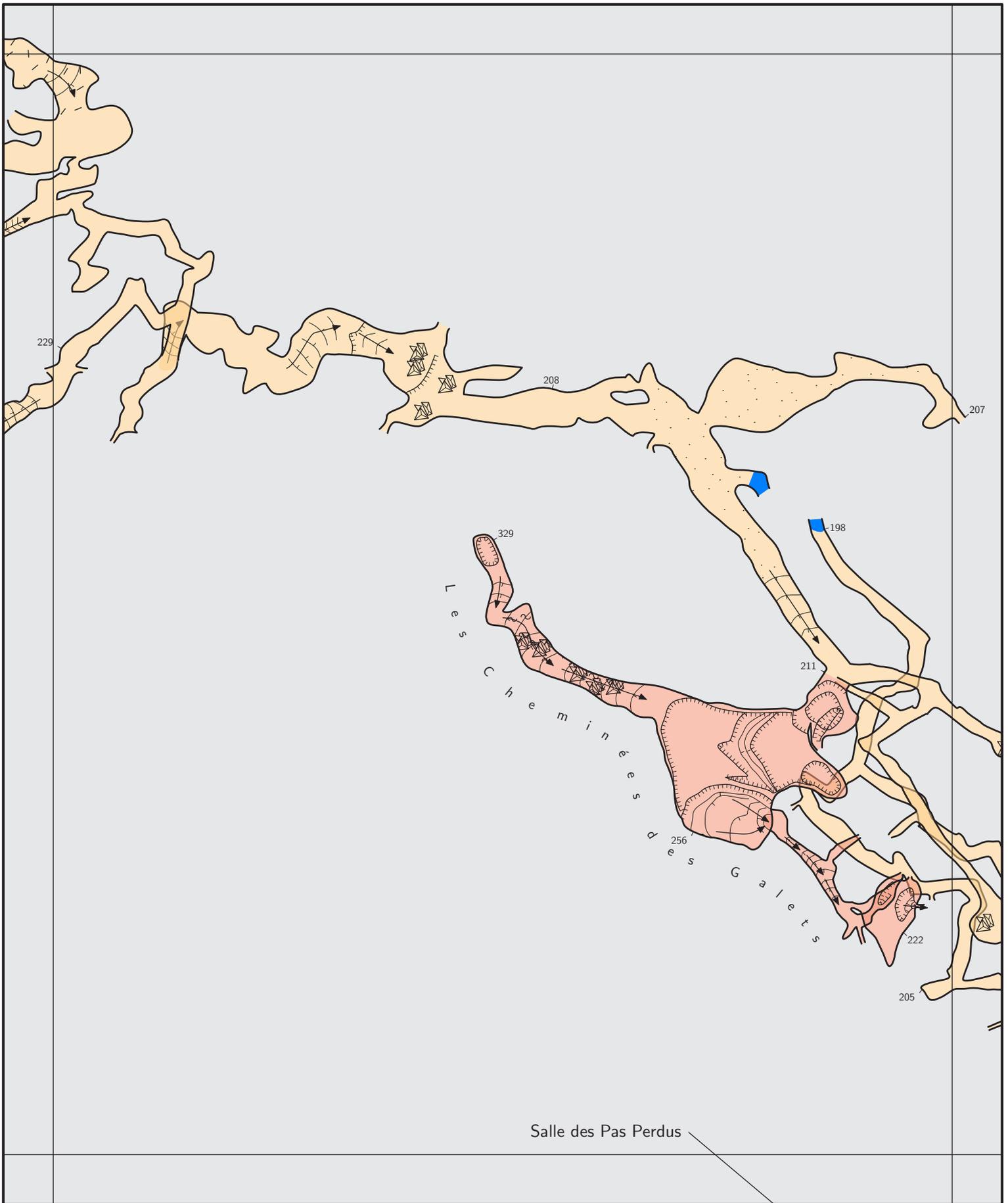
18  
⊕ 32

50 m



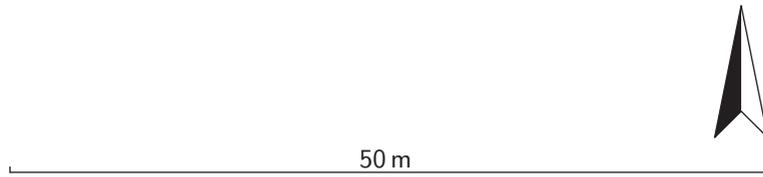
Synthèse topographique réalisée par P. Vernant



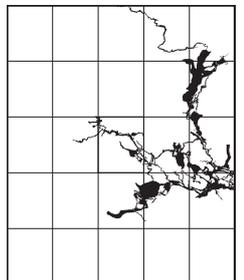


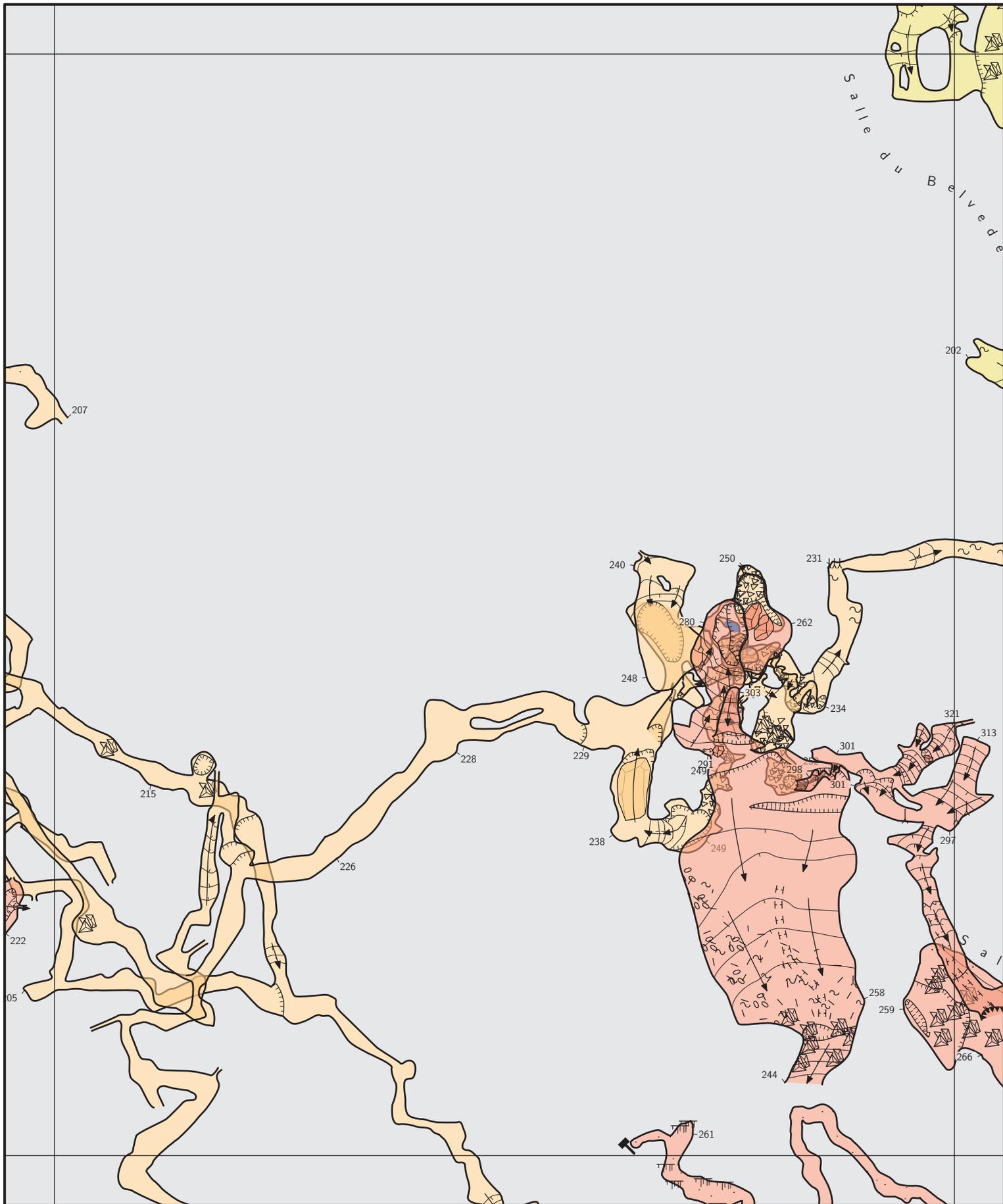
3 0 (32) garrel.all

19  
31 ↻ 33  
44



Synthèse topographique réalisée par P. Vernant

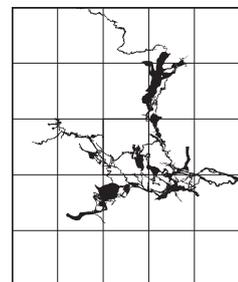




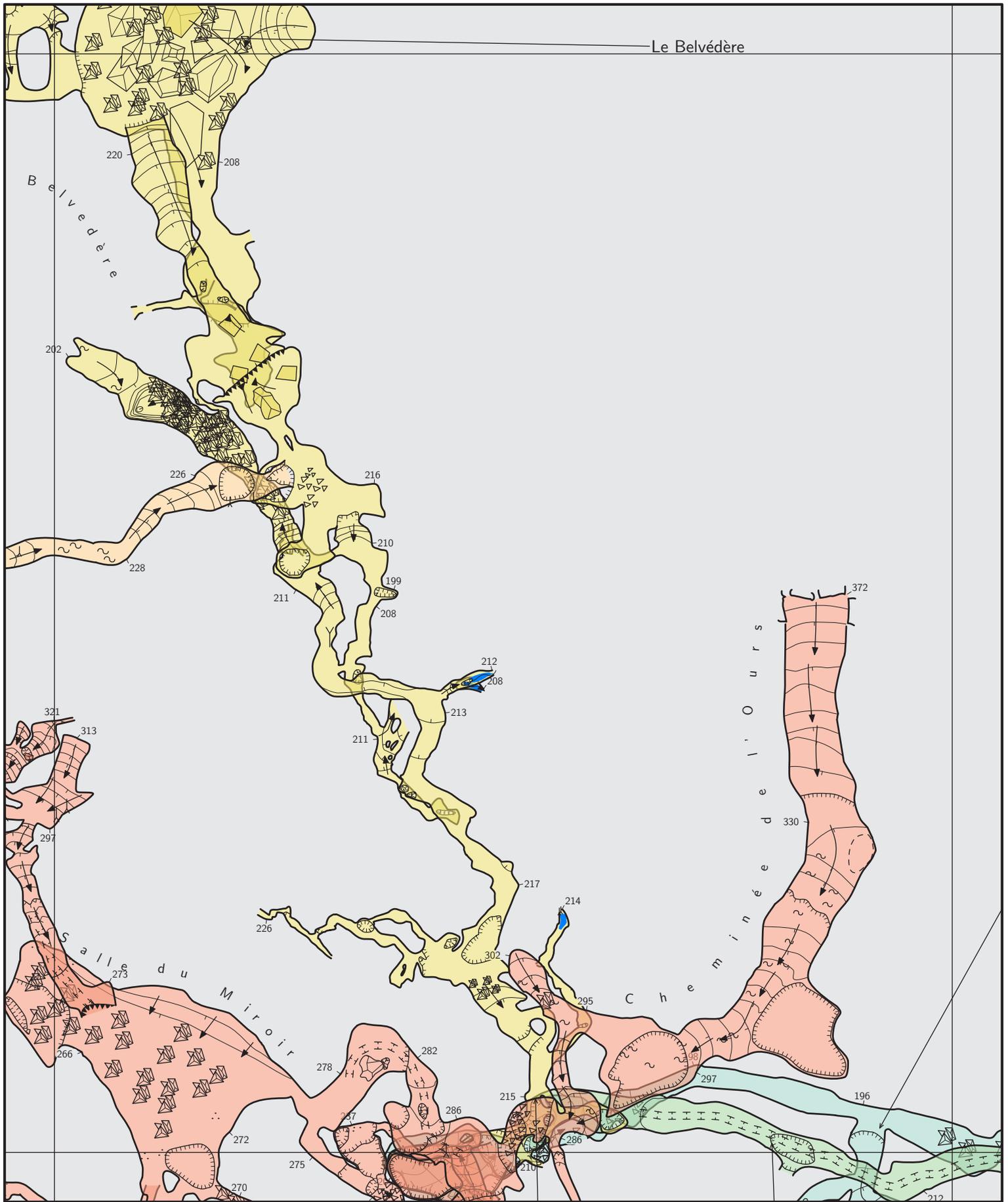
3 1 (33) garrel.all

20  
32 ↻ 34  
45

50 m



Synthèse topographique réalisée par P. Vernant



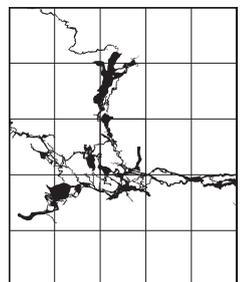
3 2 (34) garrel.all

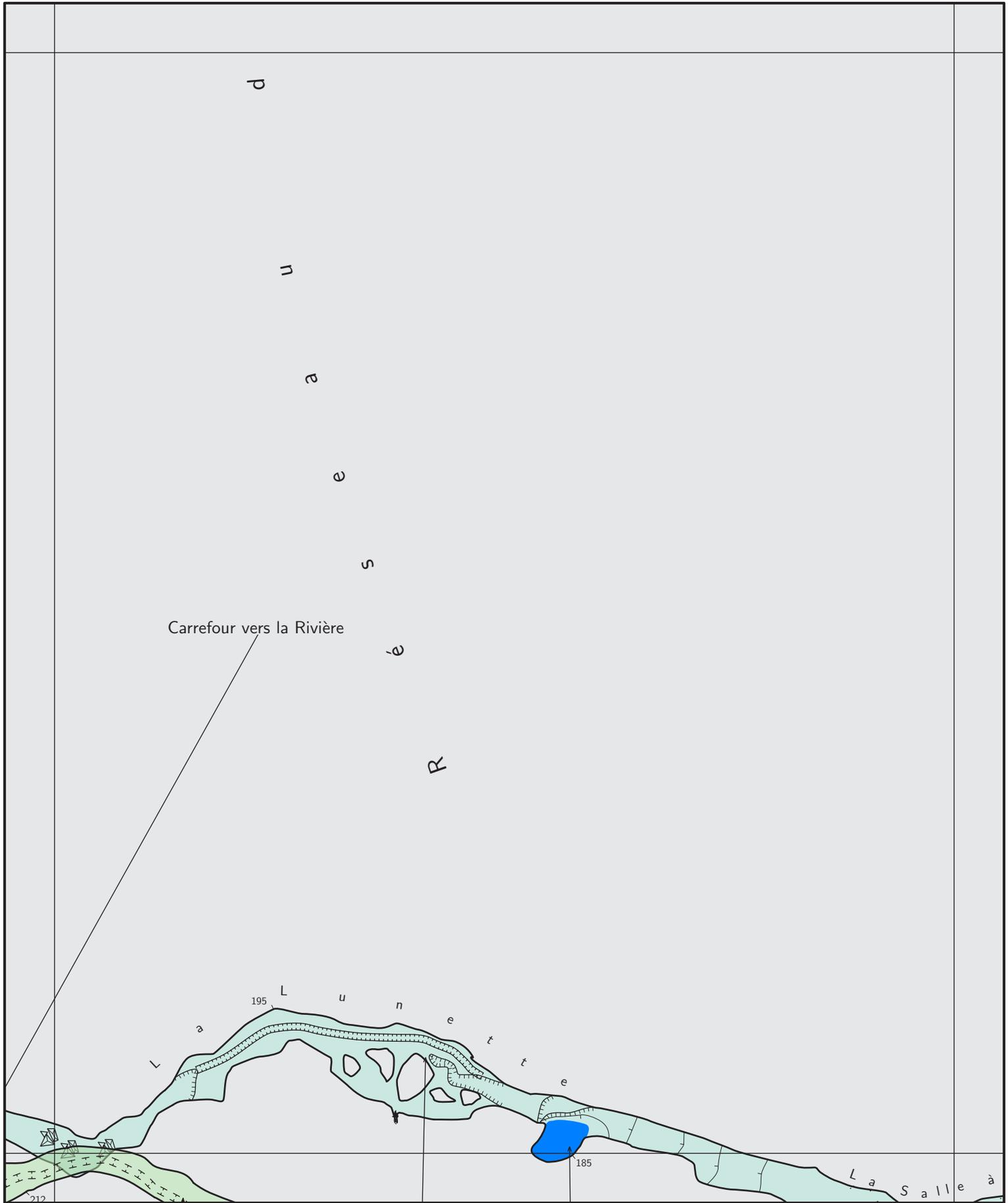
21  
33 ↻ 35  
46

50 m



Synthèse topographique réalisée par P. Vernant





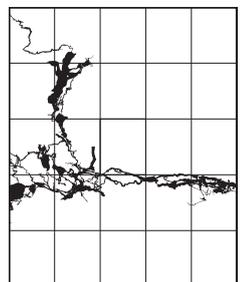
3 3 (35) garrel.all

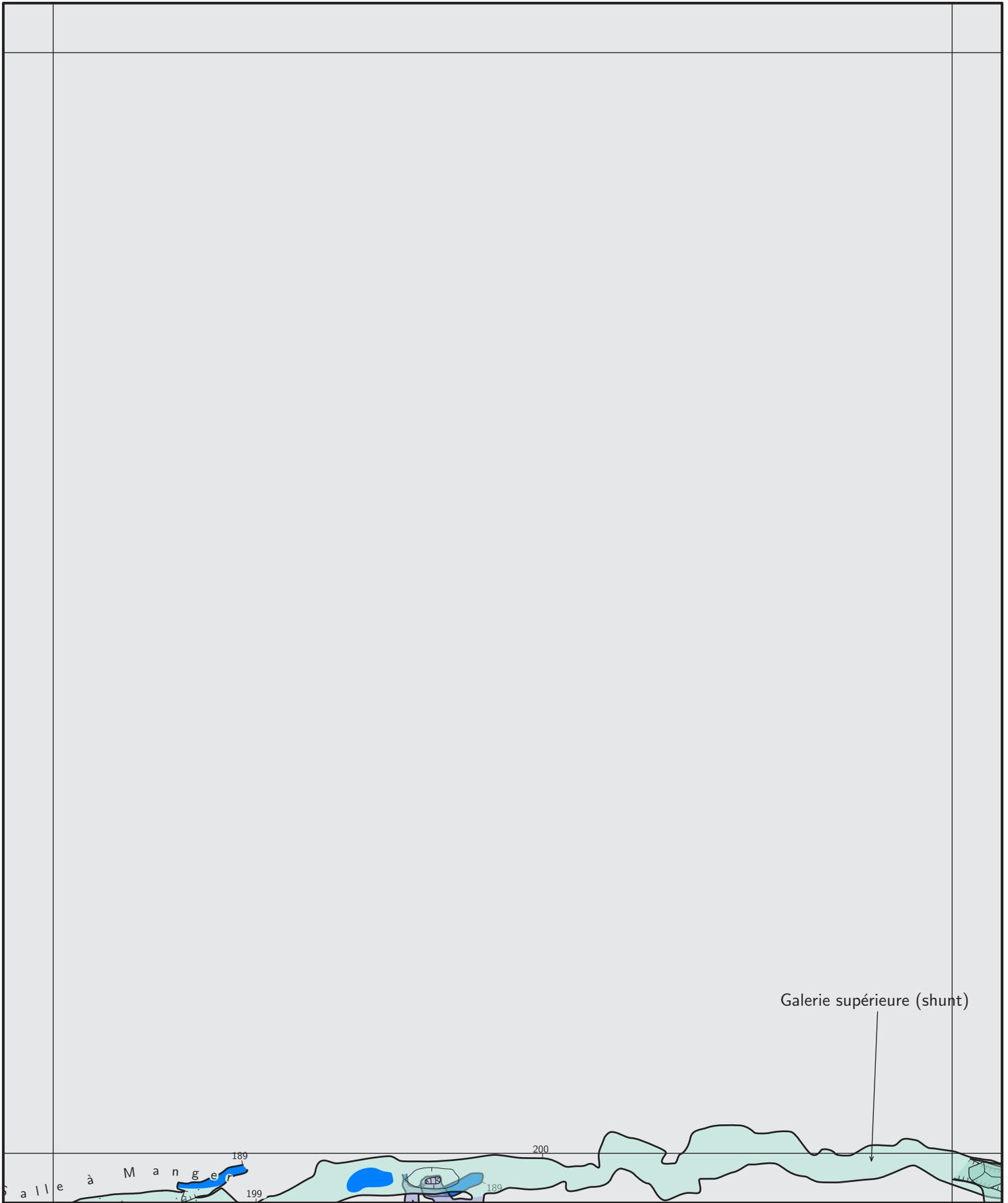
22  
 34 ↻ 36  
 47

50 m



Synthèse topographique réalisée par P. Vernant

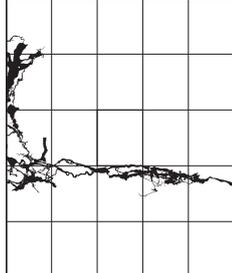




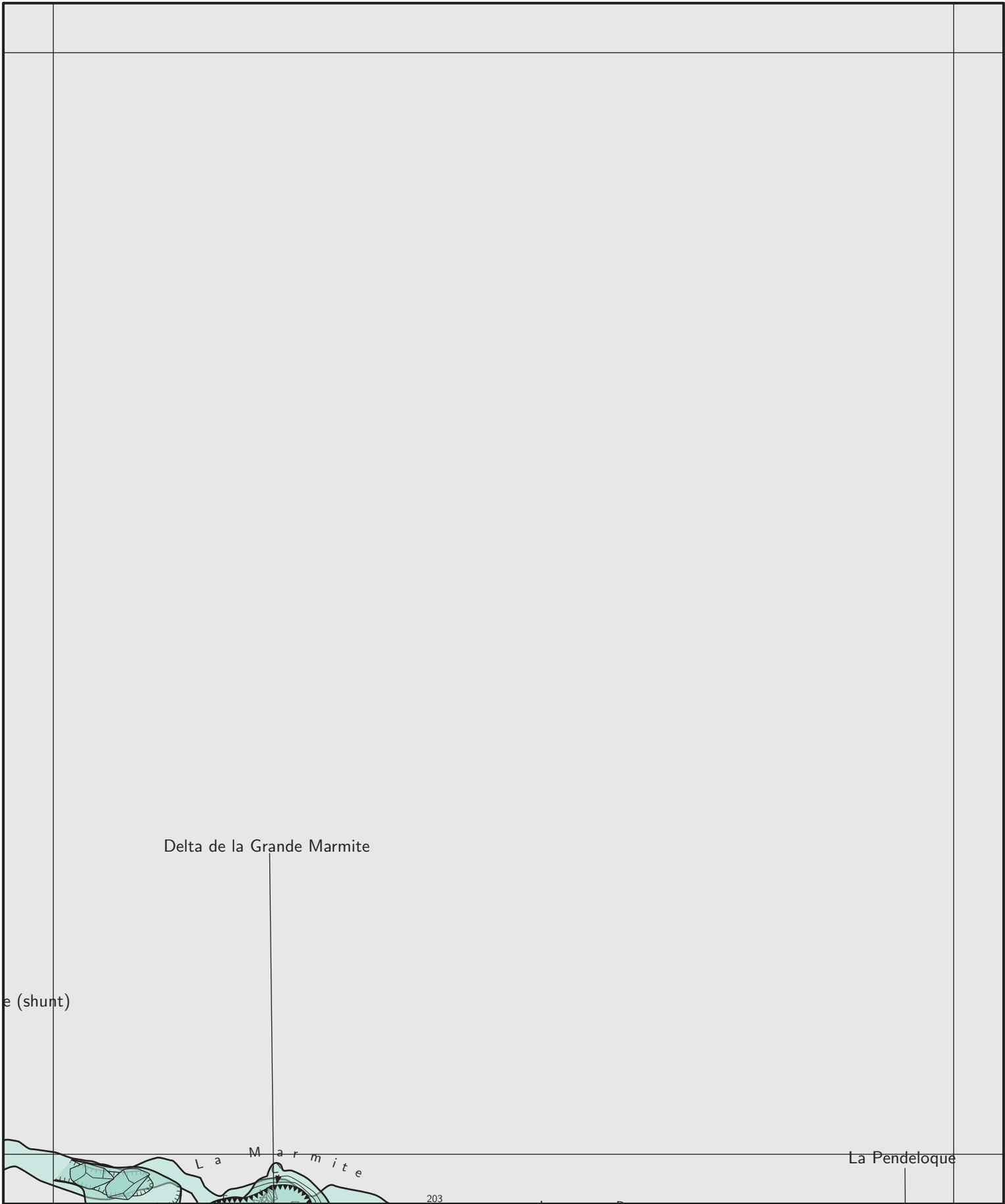
Galerie supérieure (shunt)

3 4 (36) garrel.all

23  
35 ↕ 37  
48

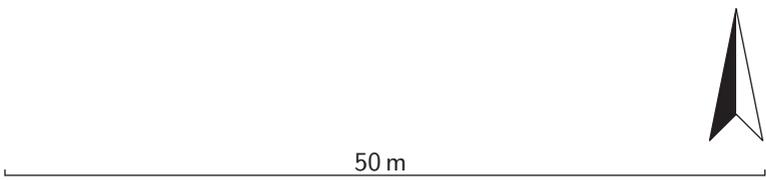


Synthèse topographique réalisée par P. Vernant

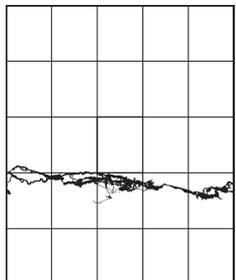


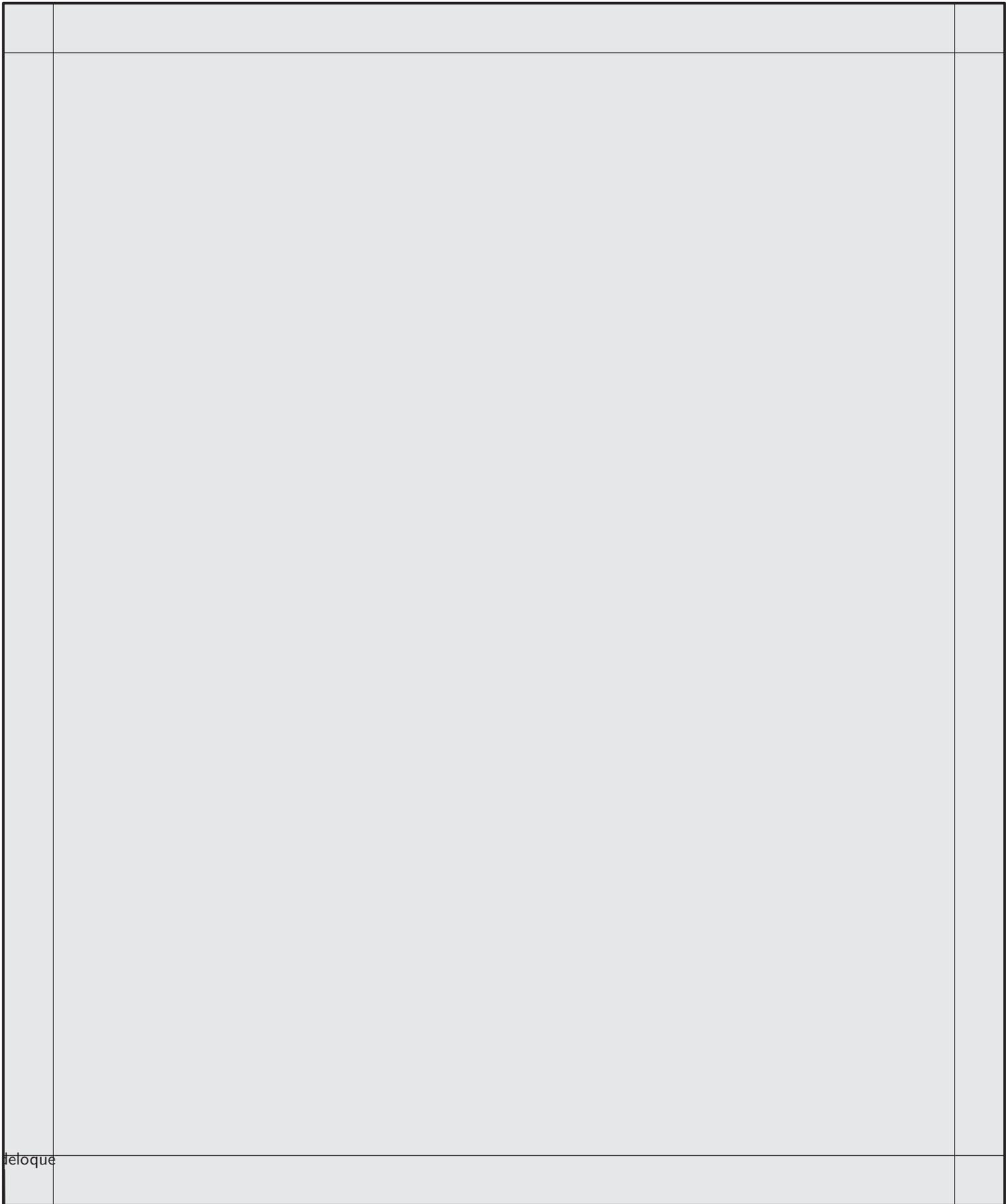
3 5 (37) garrel.all

24  
36 ↕ 38  
49



Synthèse topographique réalisée par P. Vernant



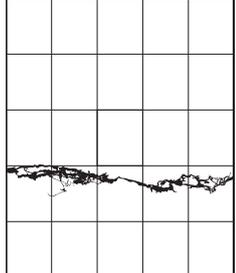


teeloque

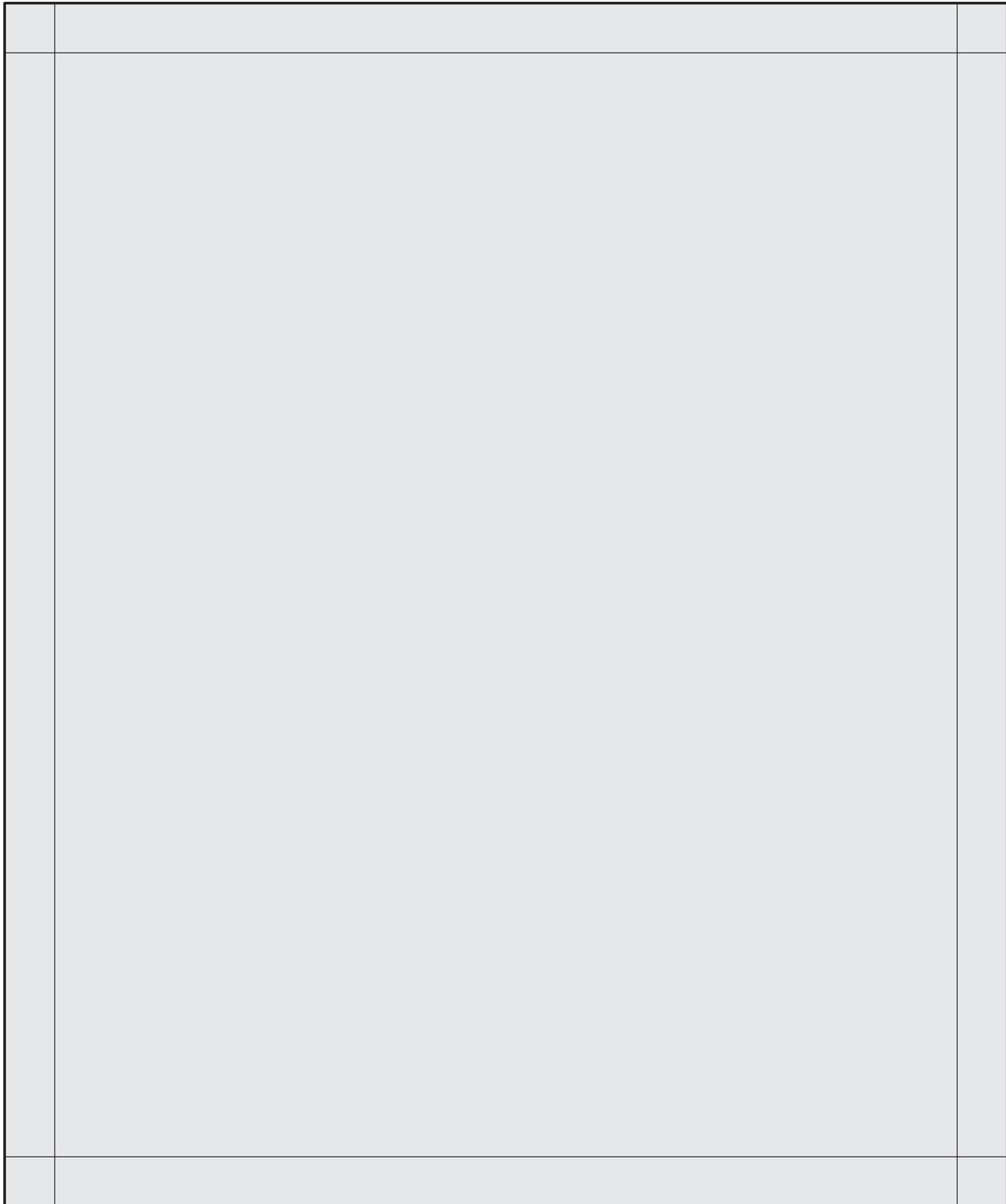
### 3 6 (38) garrel.all

25  
37 ↕ 39  
50

50 m



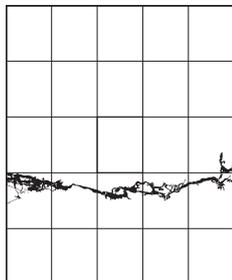
Synthèse topographique réalisée par P. Vernant



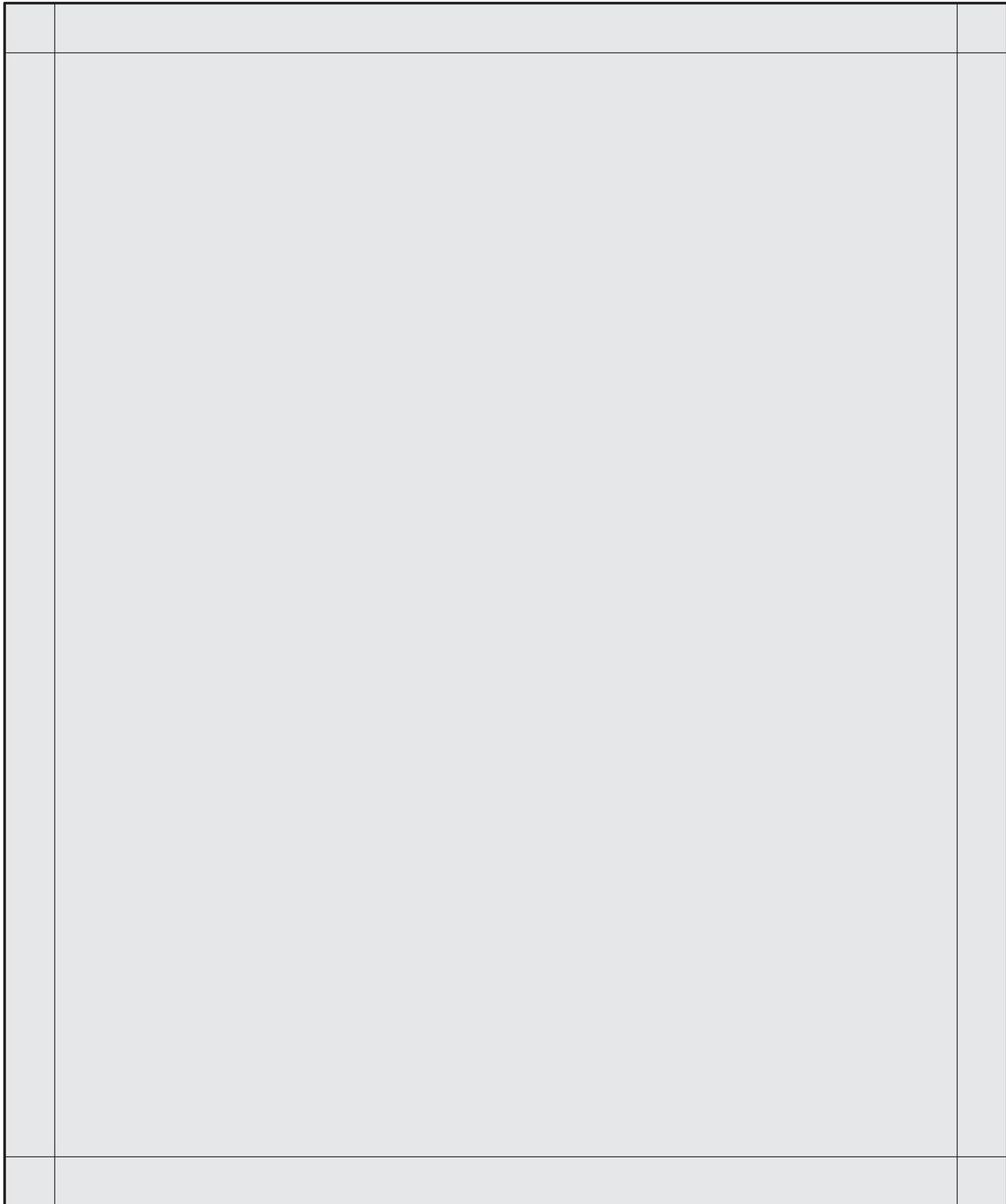
3 7 (39) garrel.all

26  
38 ↕ 40  
51

50 m

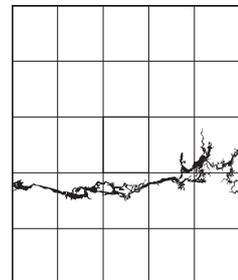
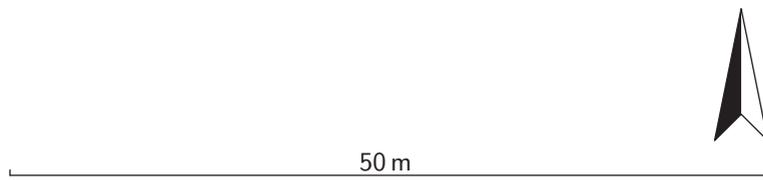


Synthèse topographique réalisée par P. Vernant

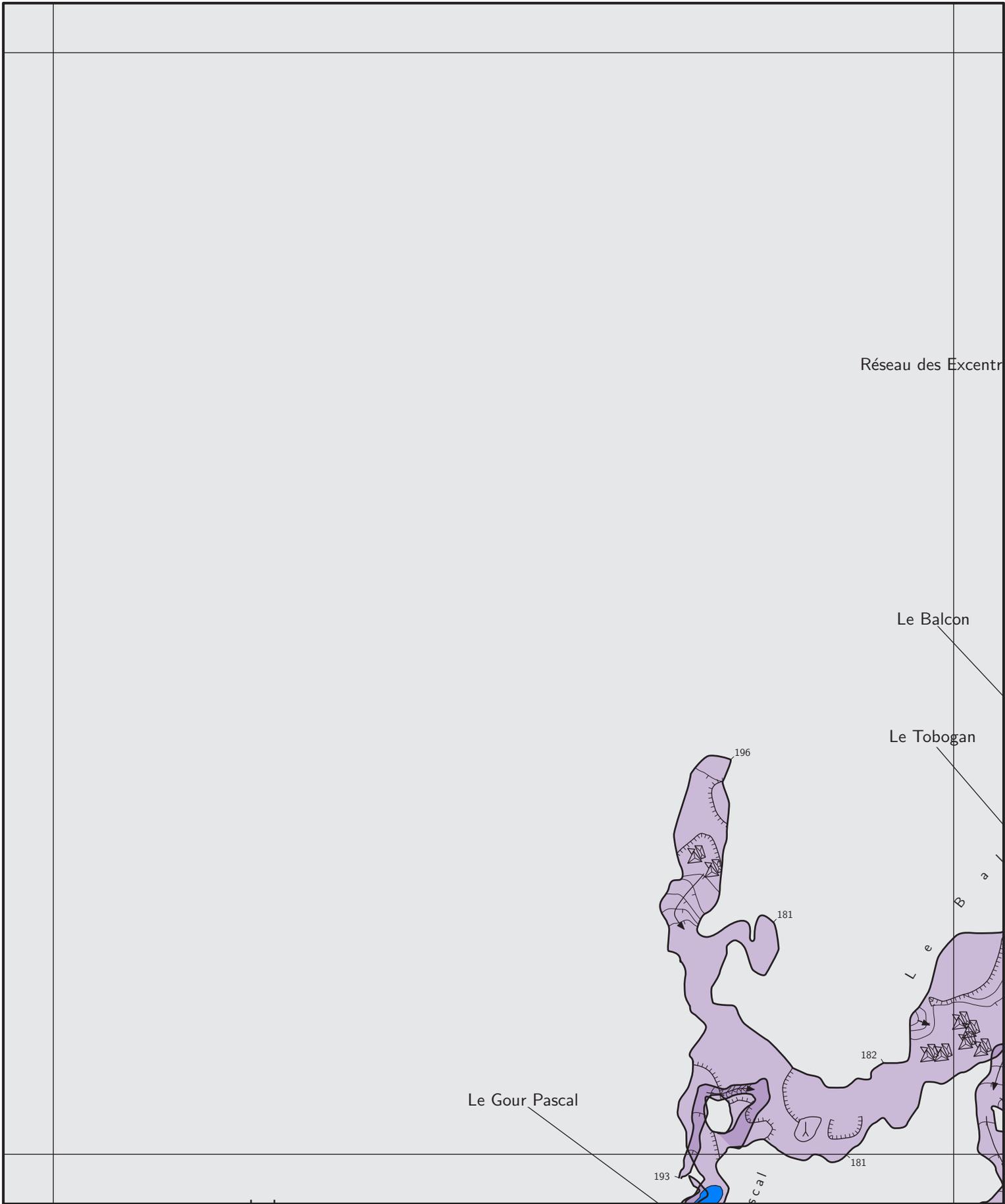


3 8 (40) garrel.all

27  
39 ↻ 41  
52

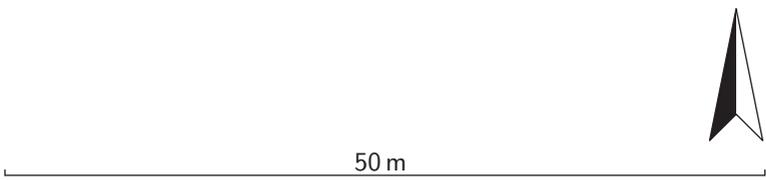


Synthèse topographique réalisée par P. Vernant

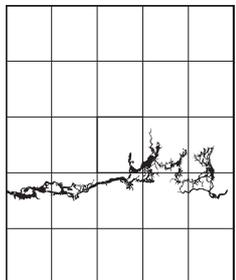


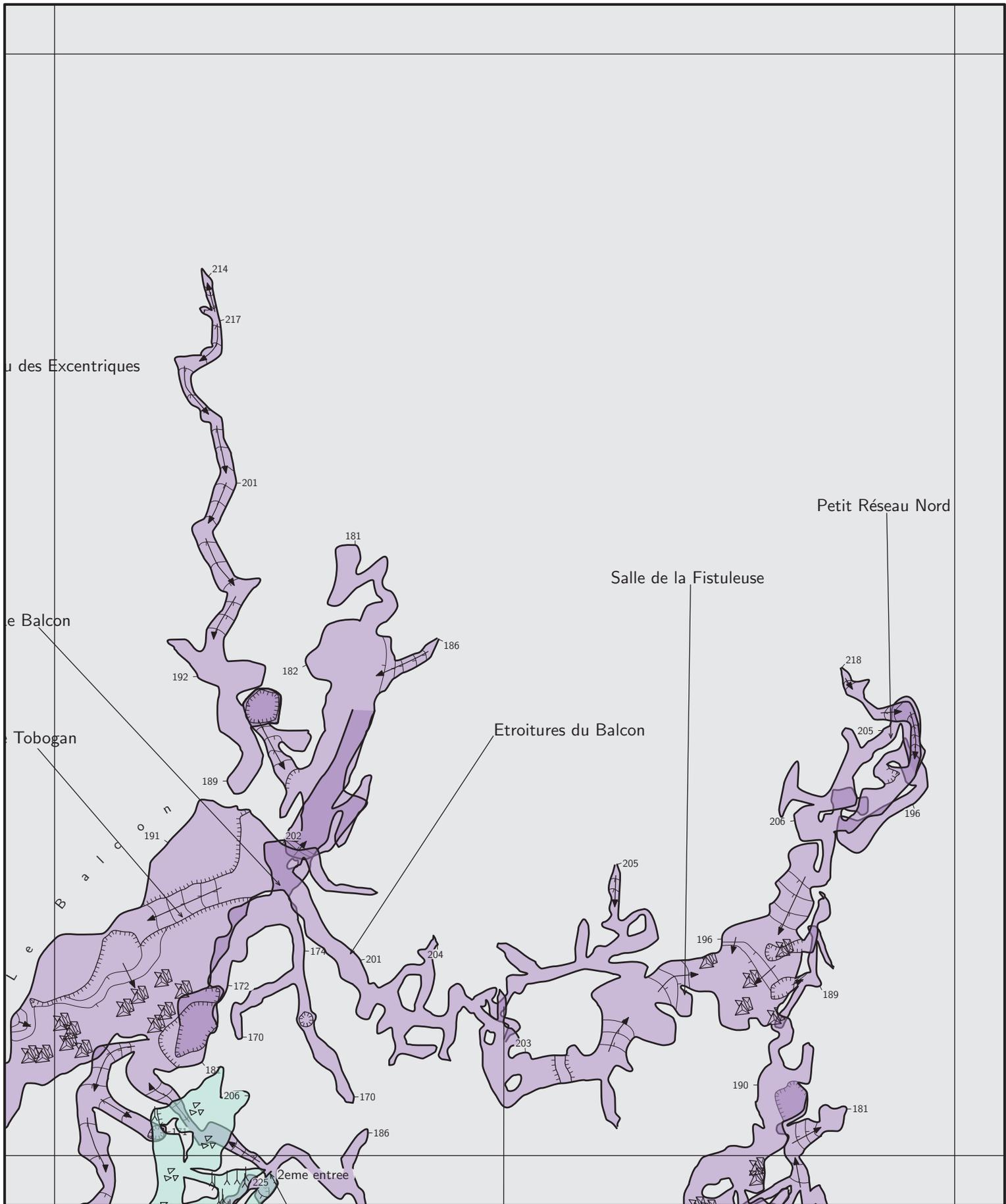
3 9 (41) garrel.all

28  
40 ↻ 42  
53



Synthèse topographique réalisée par P. Vernant





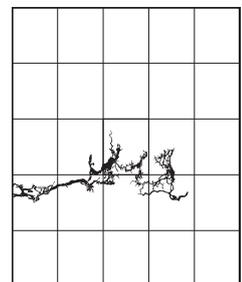
3 10 (42) garrel.all

29  
41 ↻ 43  
54

50 m



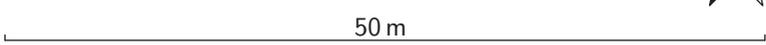
Synthèse topographique réalisée par P. Vernant



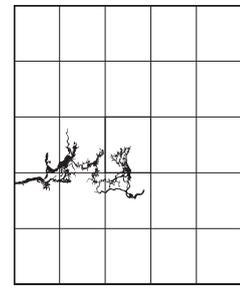


3 11 (43) garrel.all

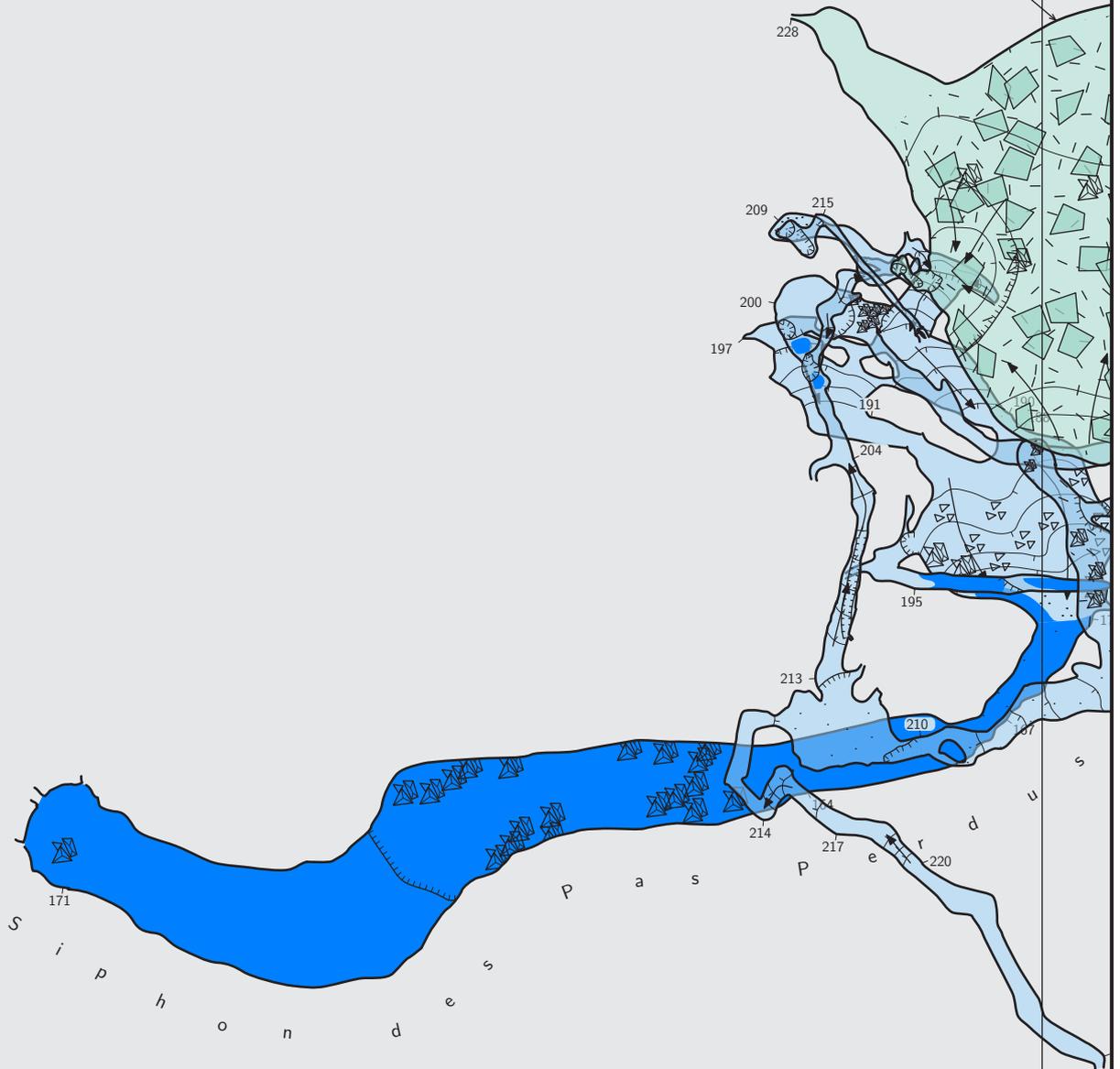
30  
42 ↻  
55



Synthèse topographique réalisée par P. Vernant



Salle des Pas Perdus



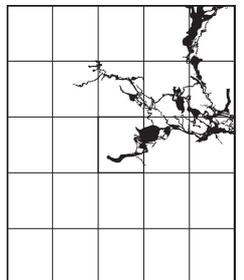
4 0 (44) garrel.all

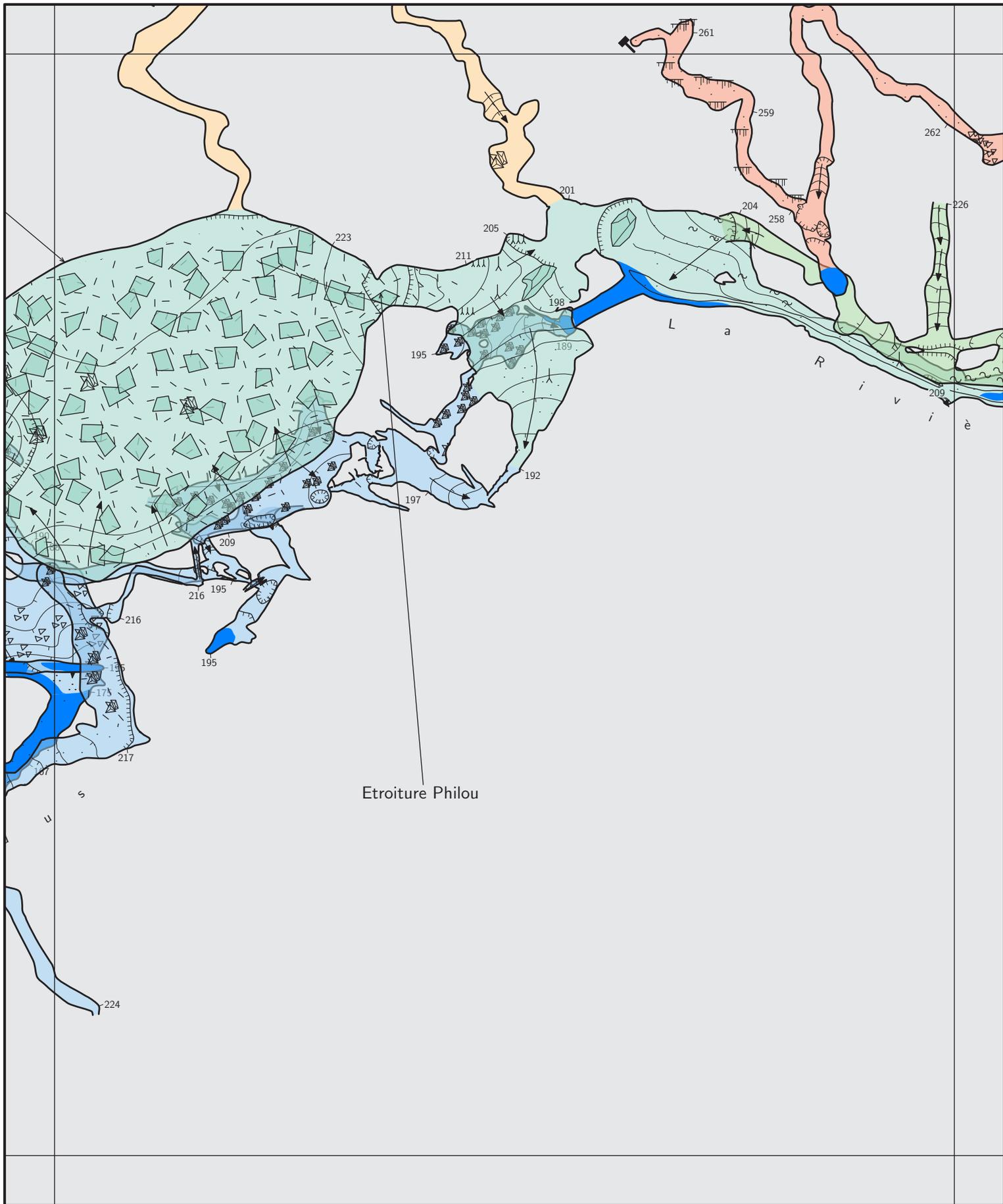
32  
45  
57

50 m



Synthèse topographique réalisée par P. Vernant

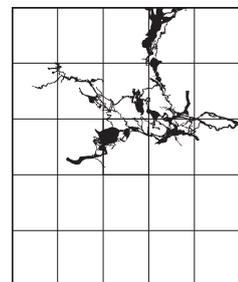




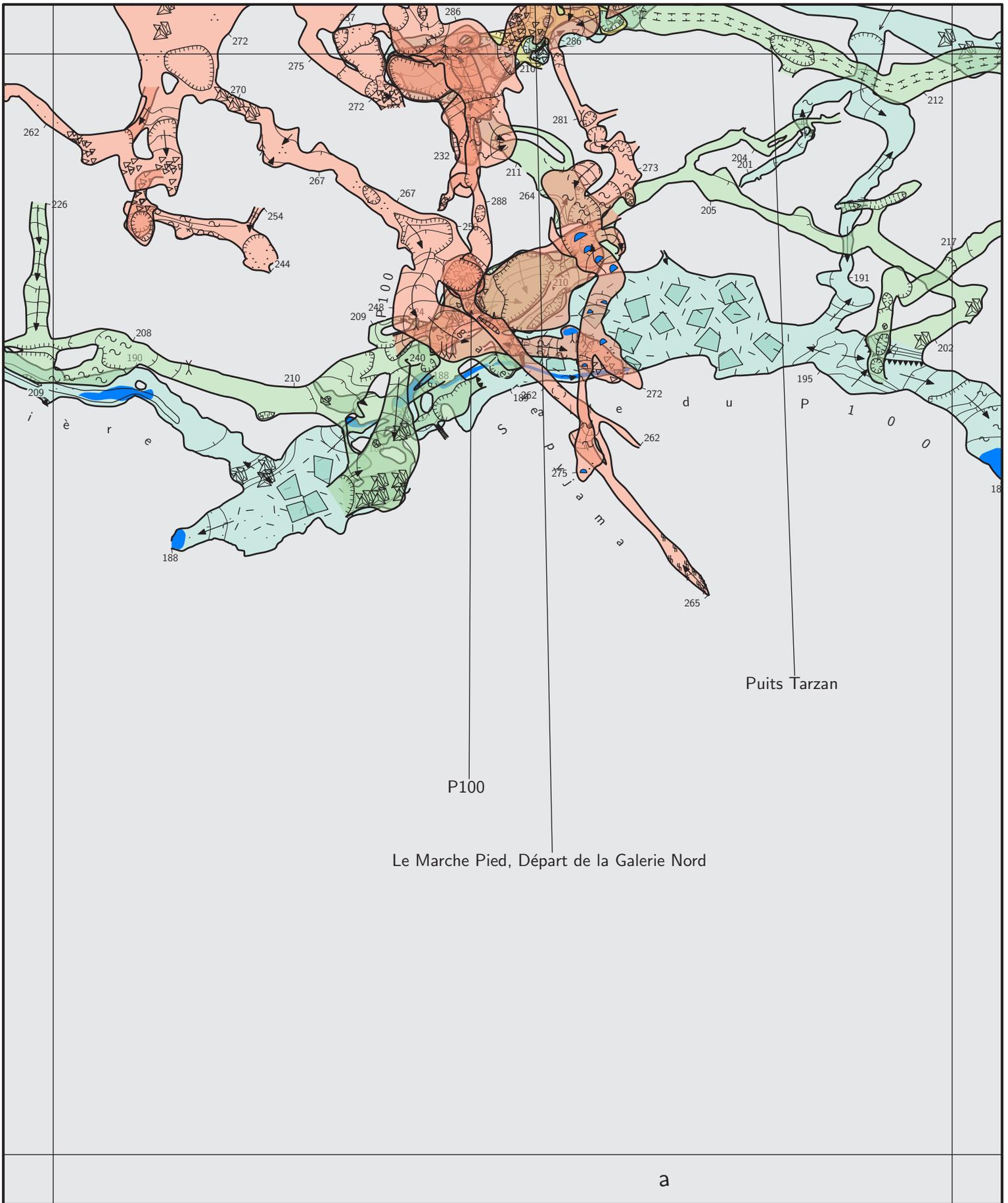
4 1 (45) garrel.all

33  
44 ↻ 46  
58

50 m



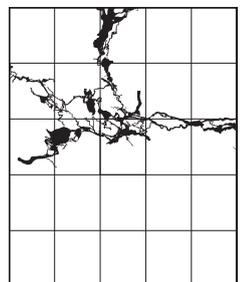
Synthèse topographique réalisée par P. Vernant



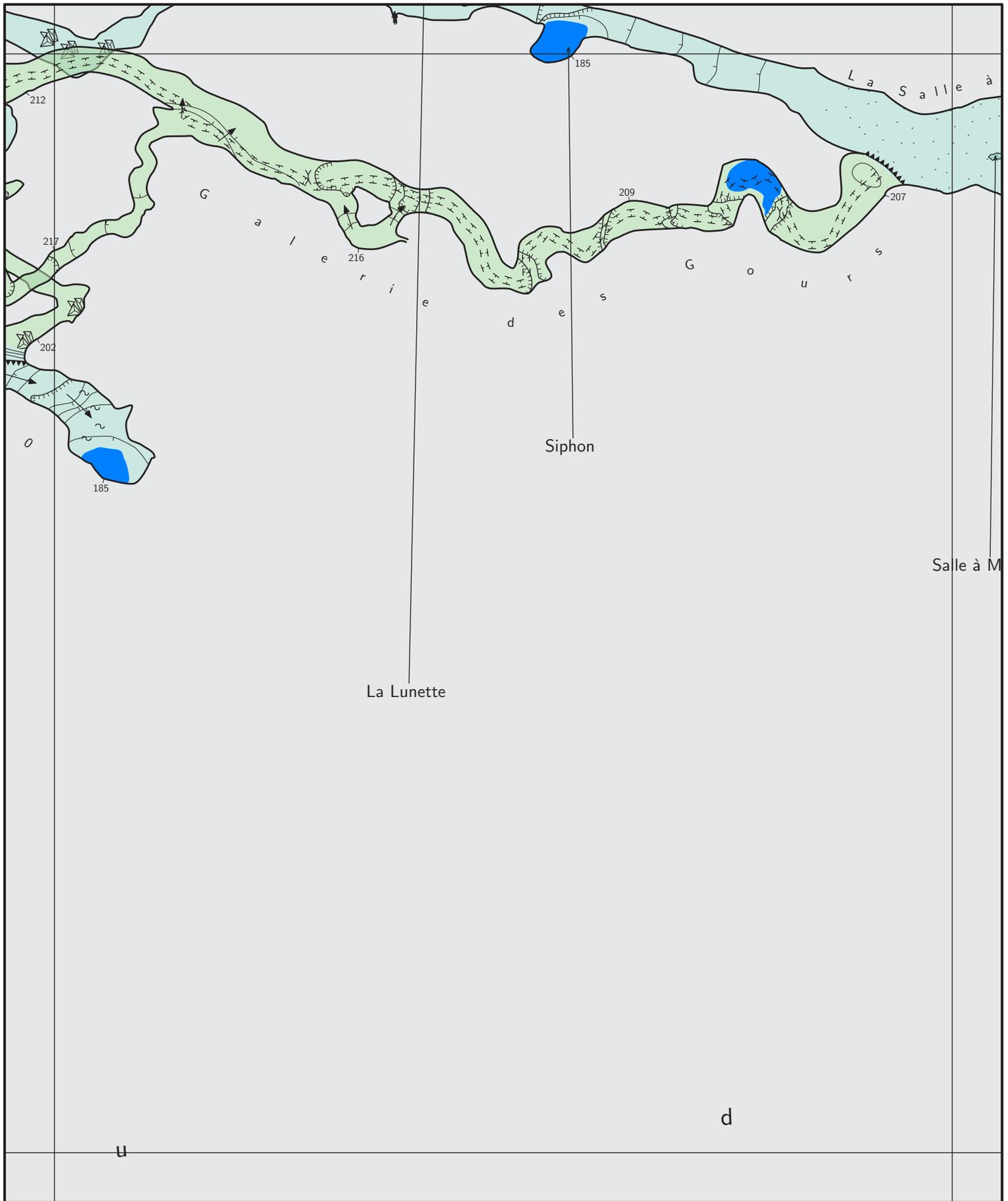
4 2 (46) garrel.all

34  
45 ↻ 47  
59

50 m



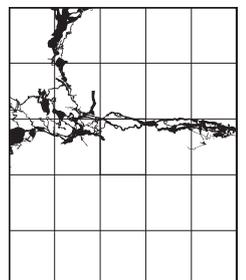
Synthèse topographique réalisée par P. Vernant



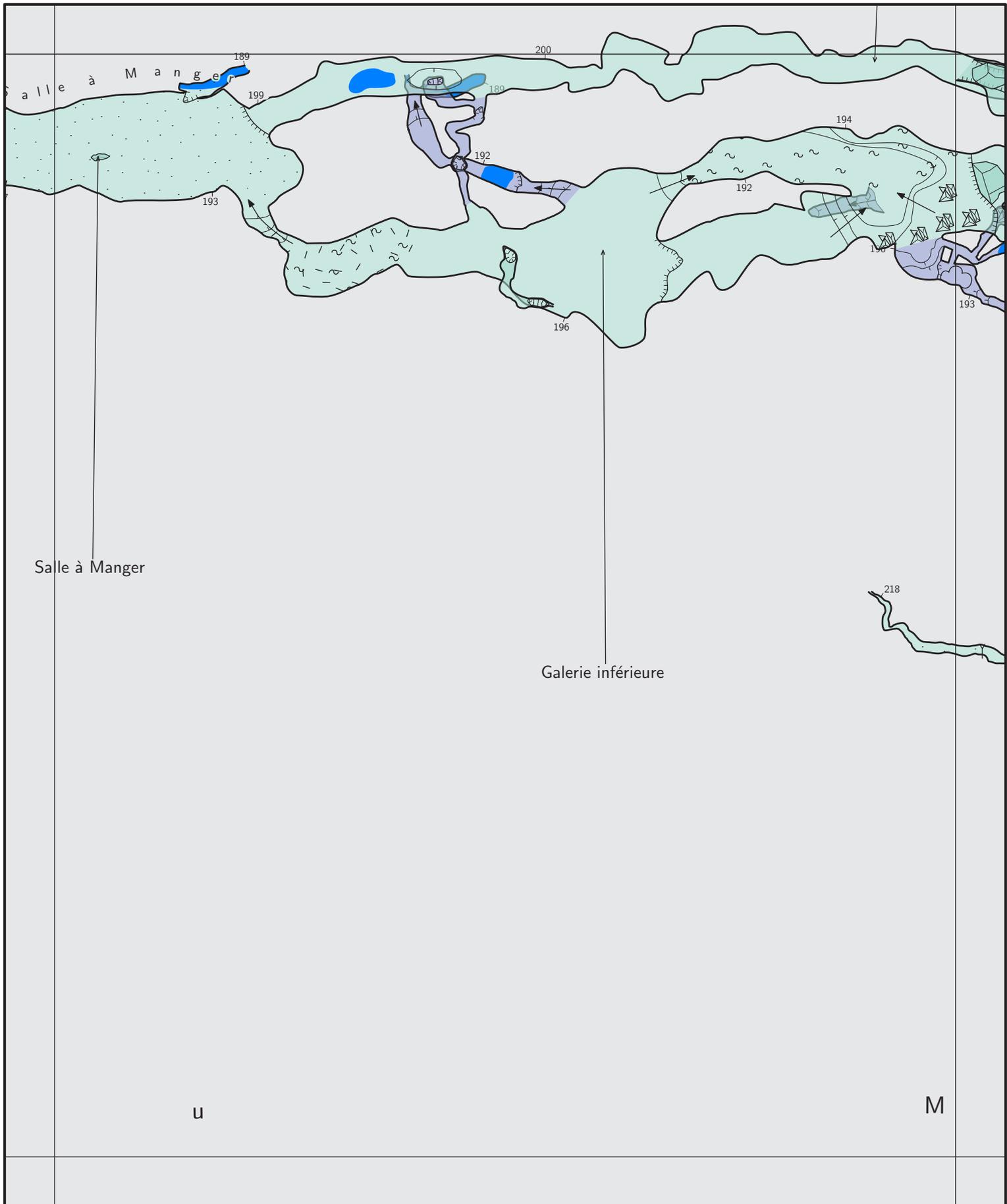
4 3 (47) garrel.all

35  
46 ↻ 48  
60

50 m



Synthèse topographique réalisée par P. Vernant



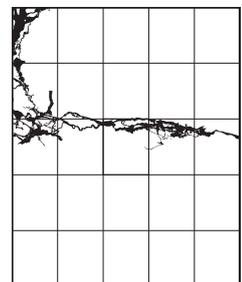
4 4 (48) garrel.all

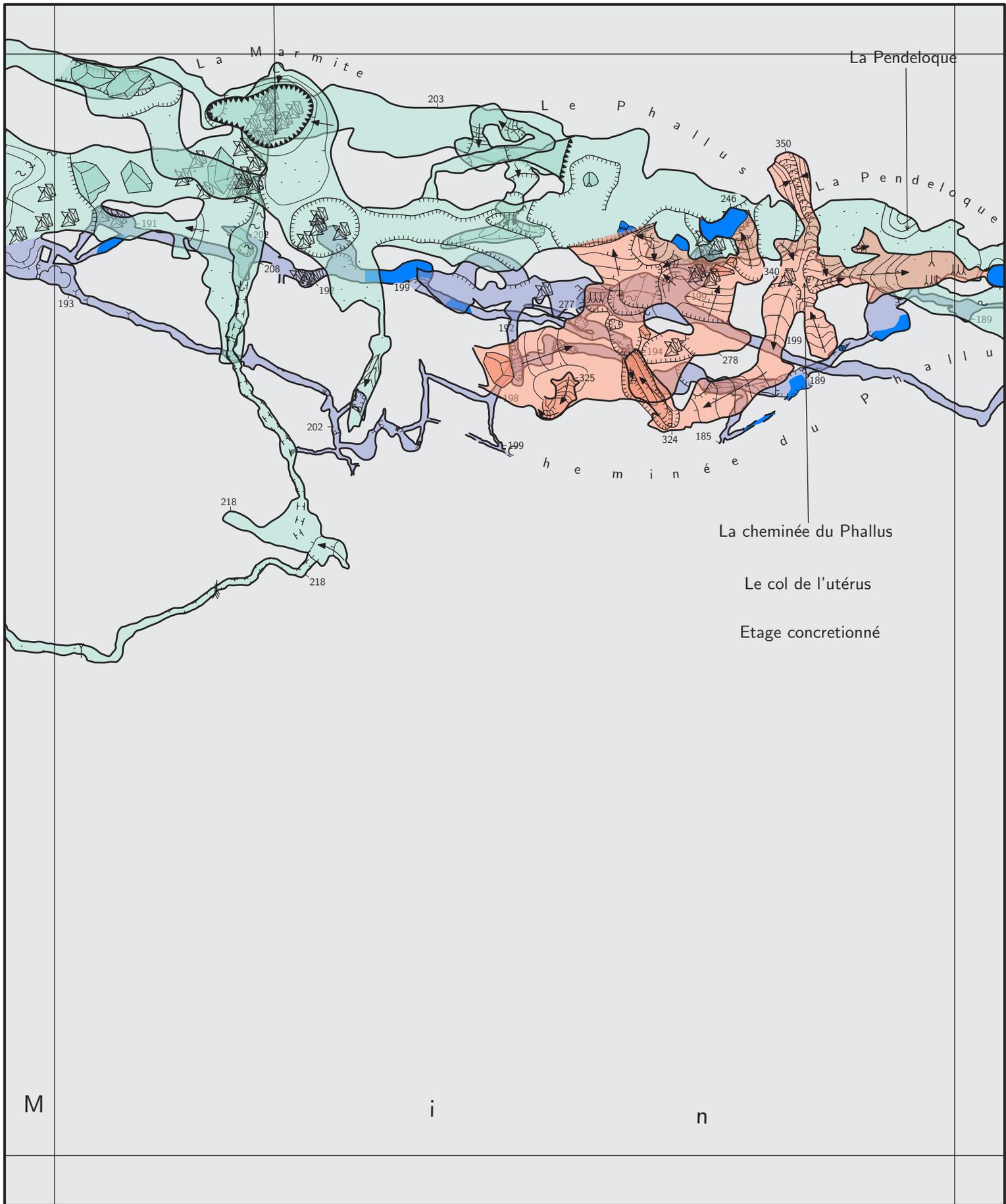
36  
47 ↻ 49  
61

50 m



Synthèse topographique réalisée par P. Vernant

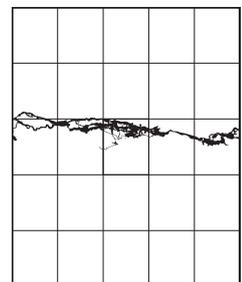




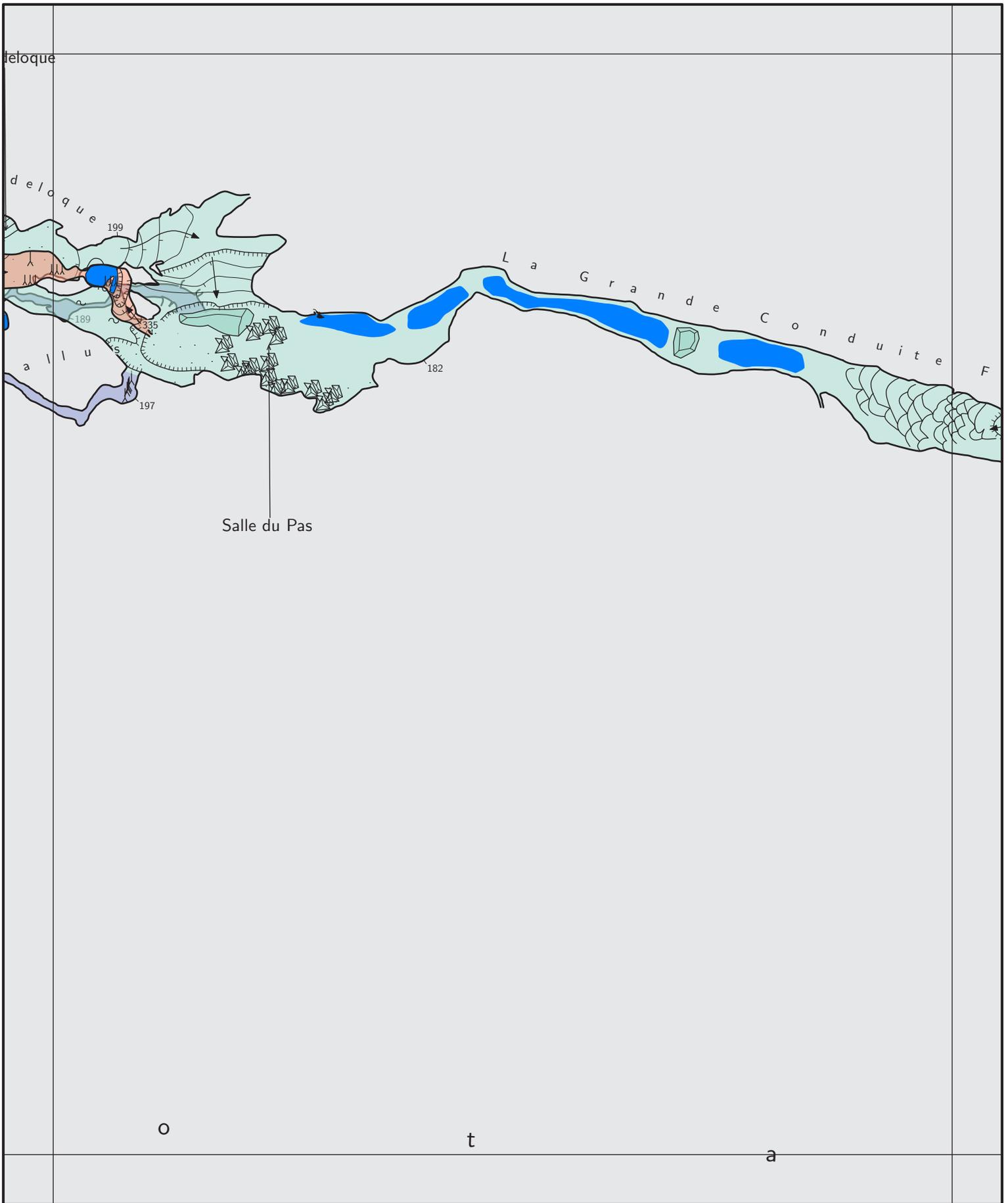
4 5 (49) garrel.all

37  
48 ↕ 50  
62

50 m



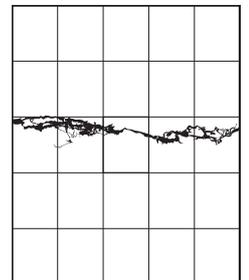
Synthèse topographique réalisée par P. Vernant



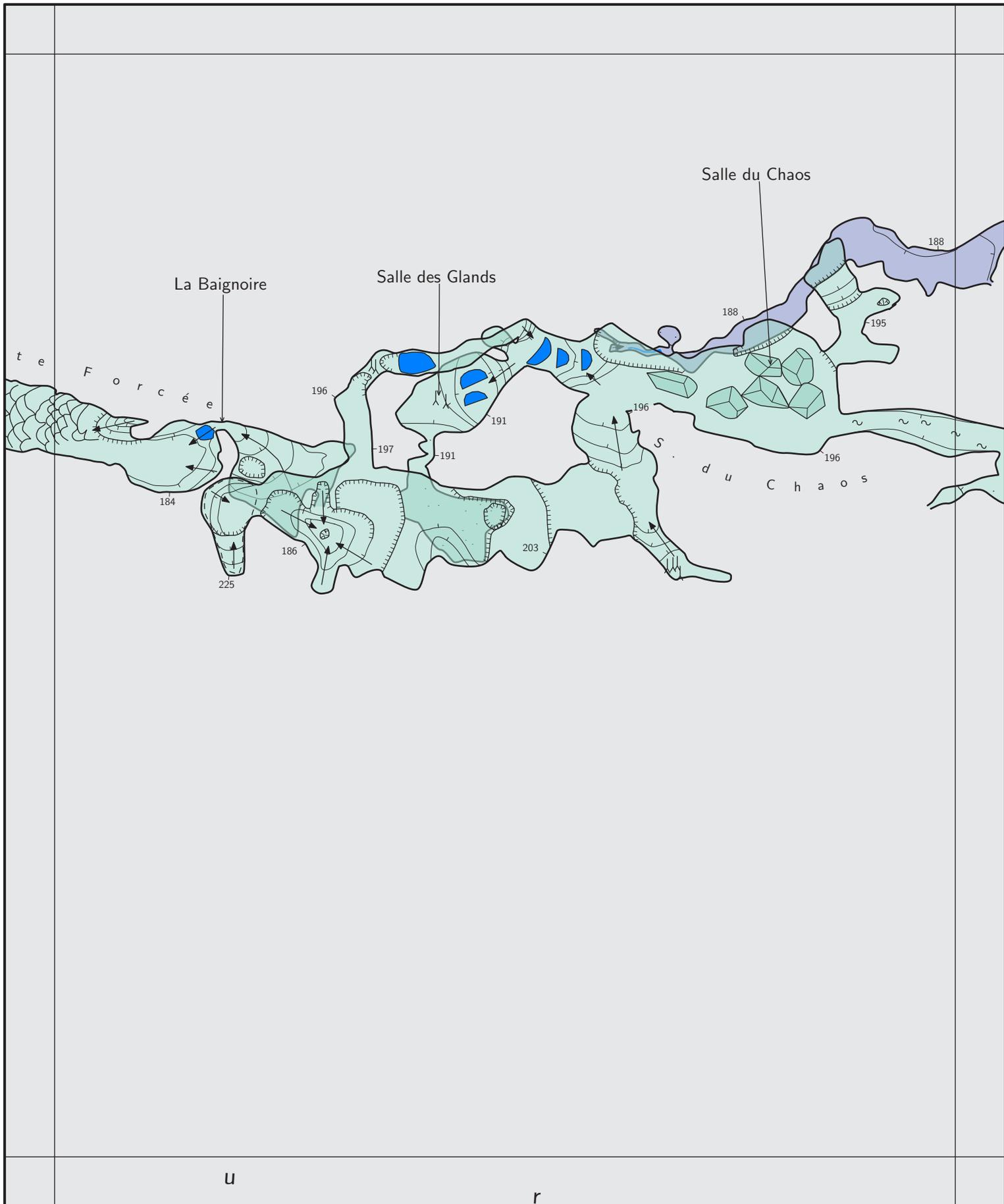
4 6 (50) garrel.all

38  
49 ↕ 51  
63

50 m

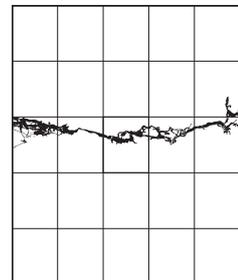
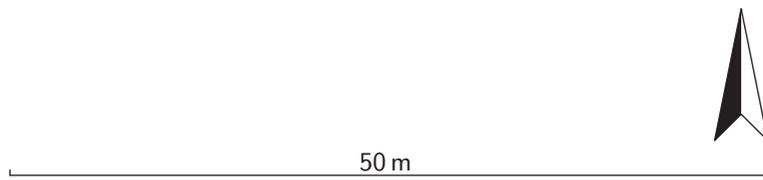


Synthèse topographique réalisée par P. Vernant

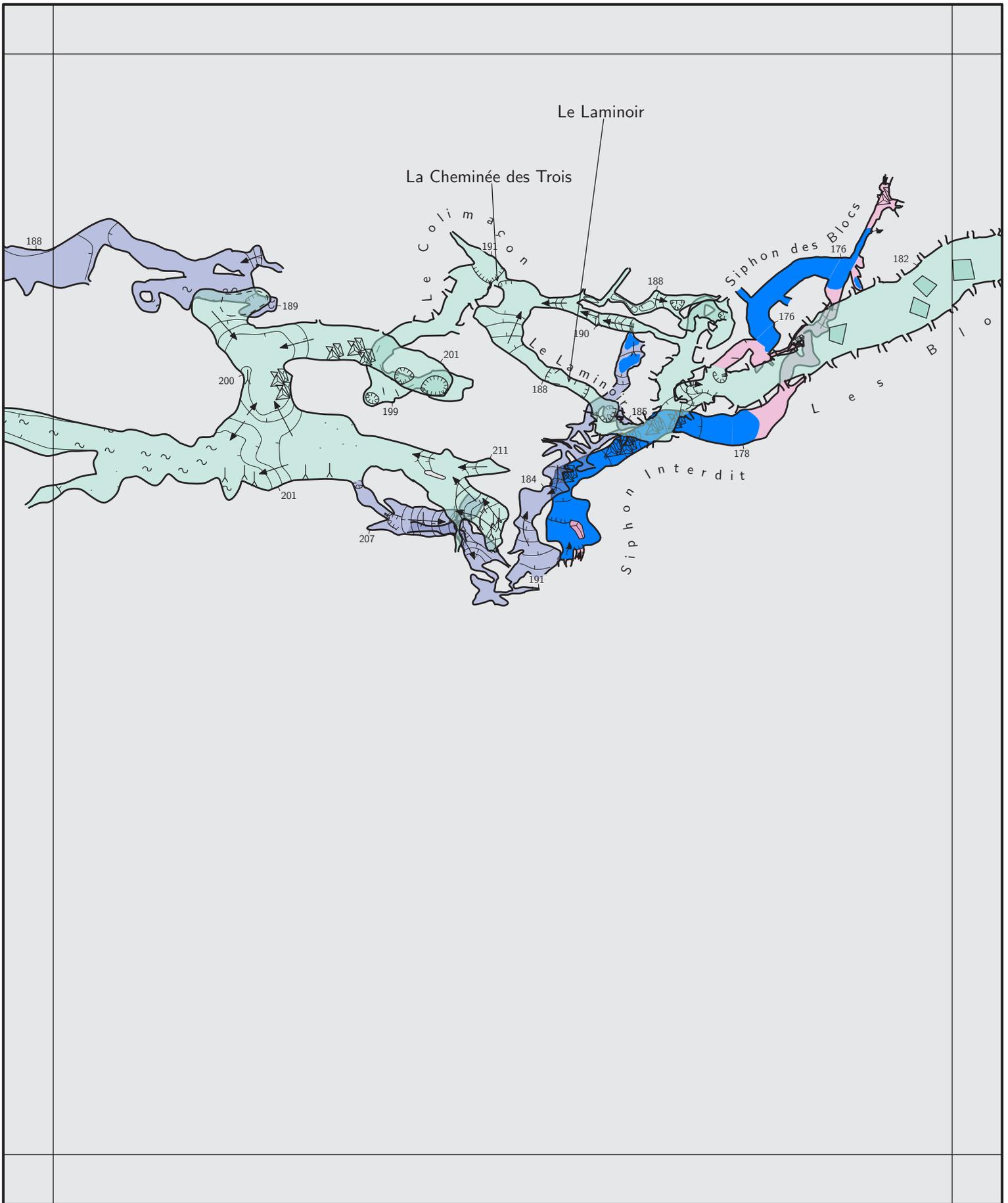


4 7 (51) garrel.all

39  
50 ↕ 52  
64



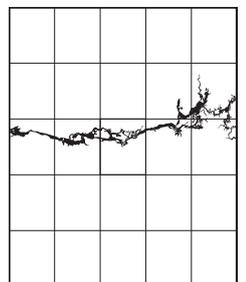
Synthèse topographique réalisée par P. Vernant



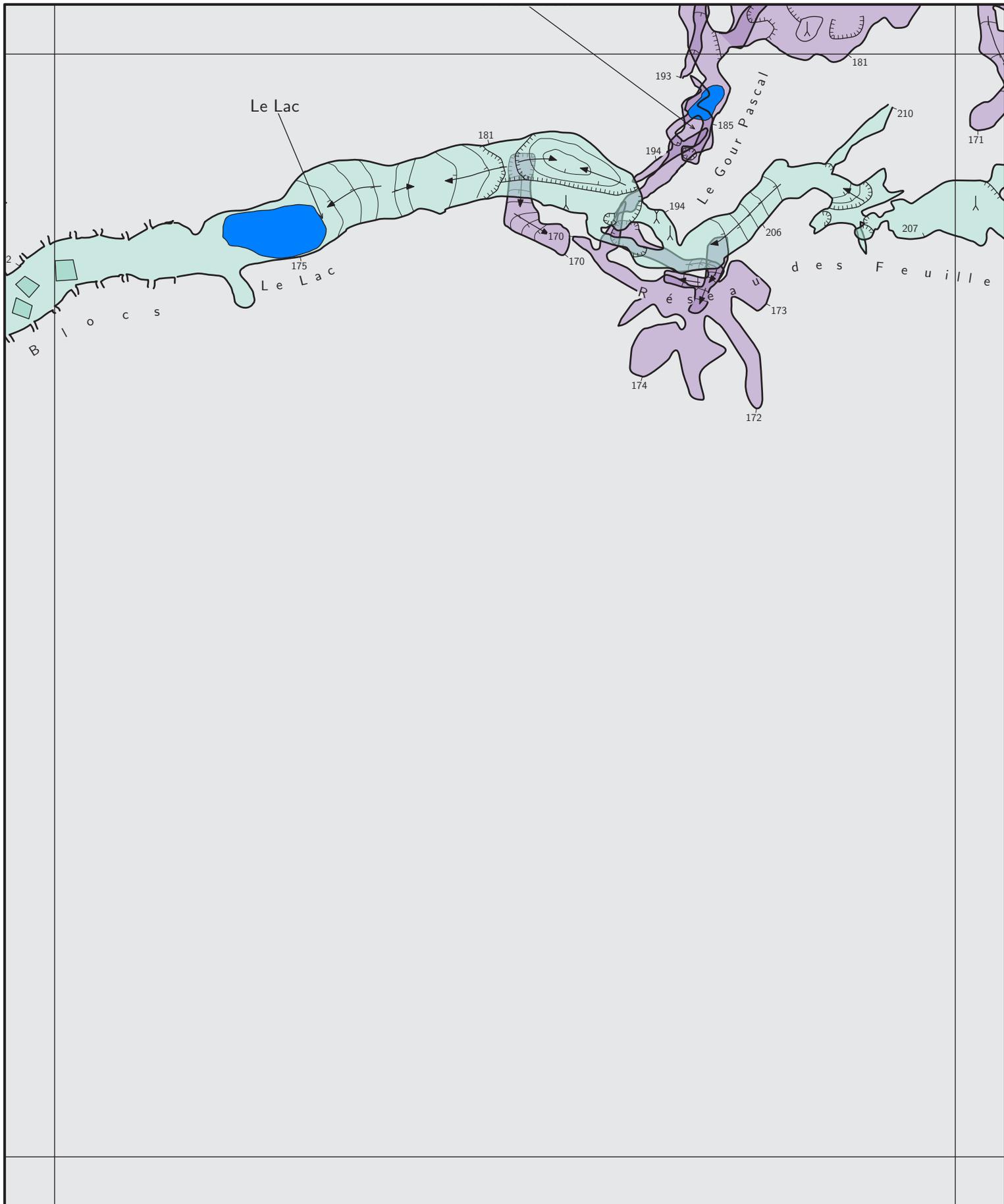
4 8 (52) garrel.all

40  
51 ↕ 53  
65

50 m



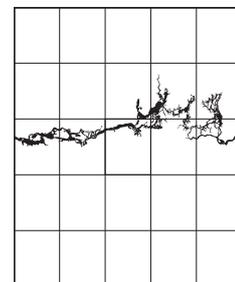
Synthèse topographique réalisée par P. Vernant



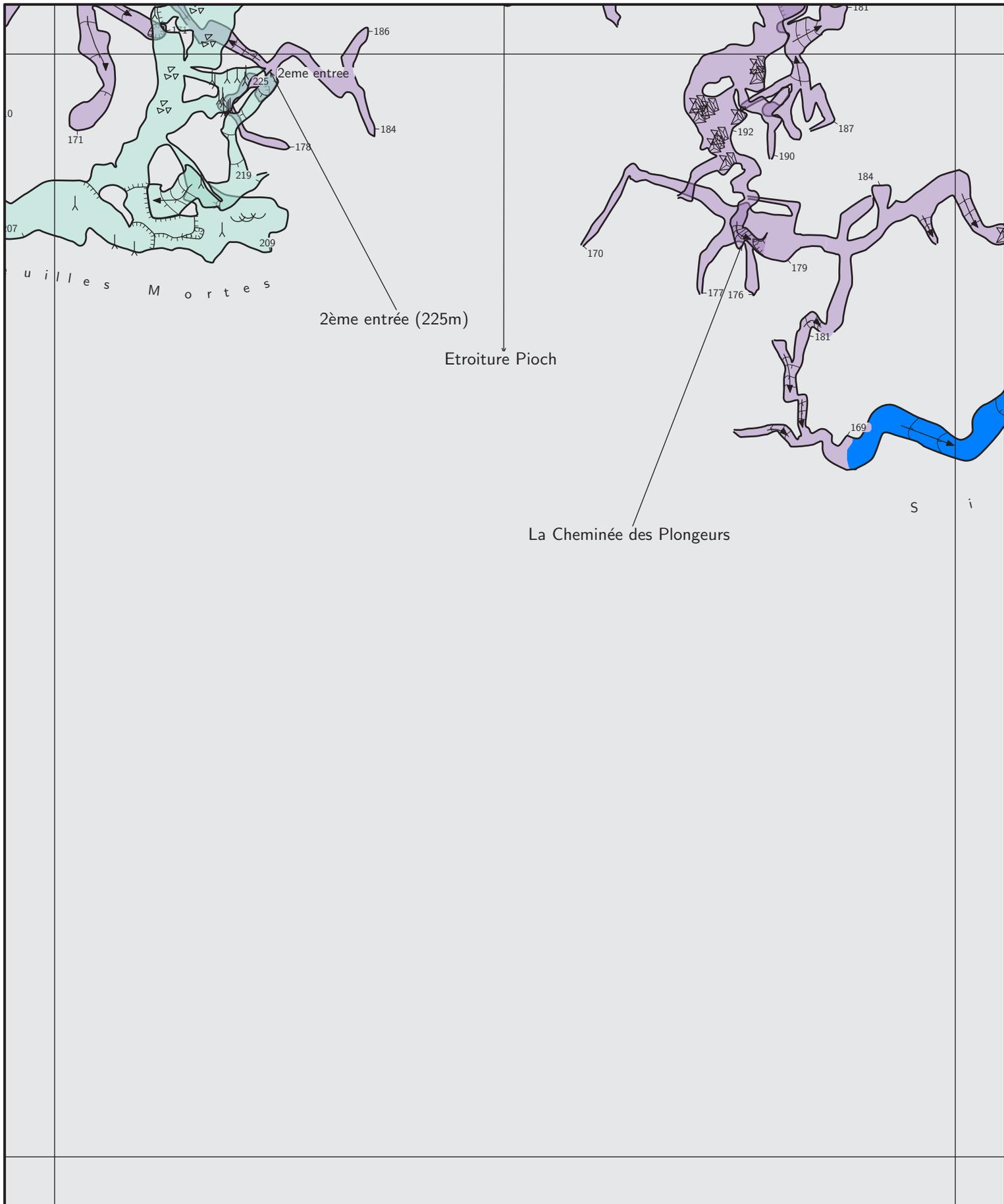
4 9 (53) garrel.all

41  
52 ↻ 54  
66

50 m

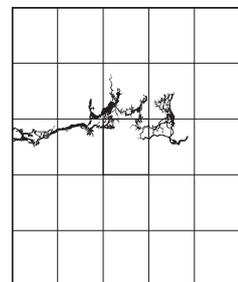


Synthèse topographique réalisée par P. Vernant

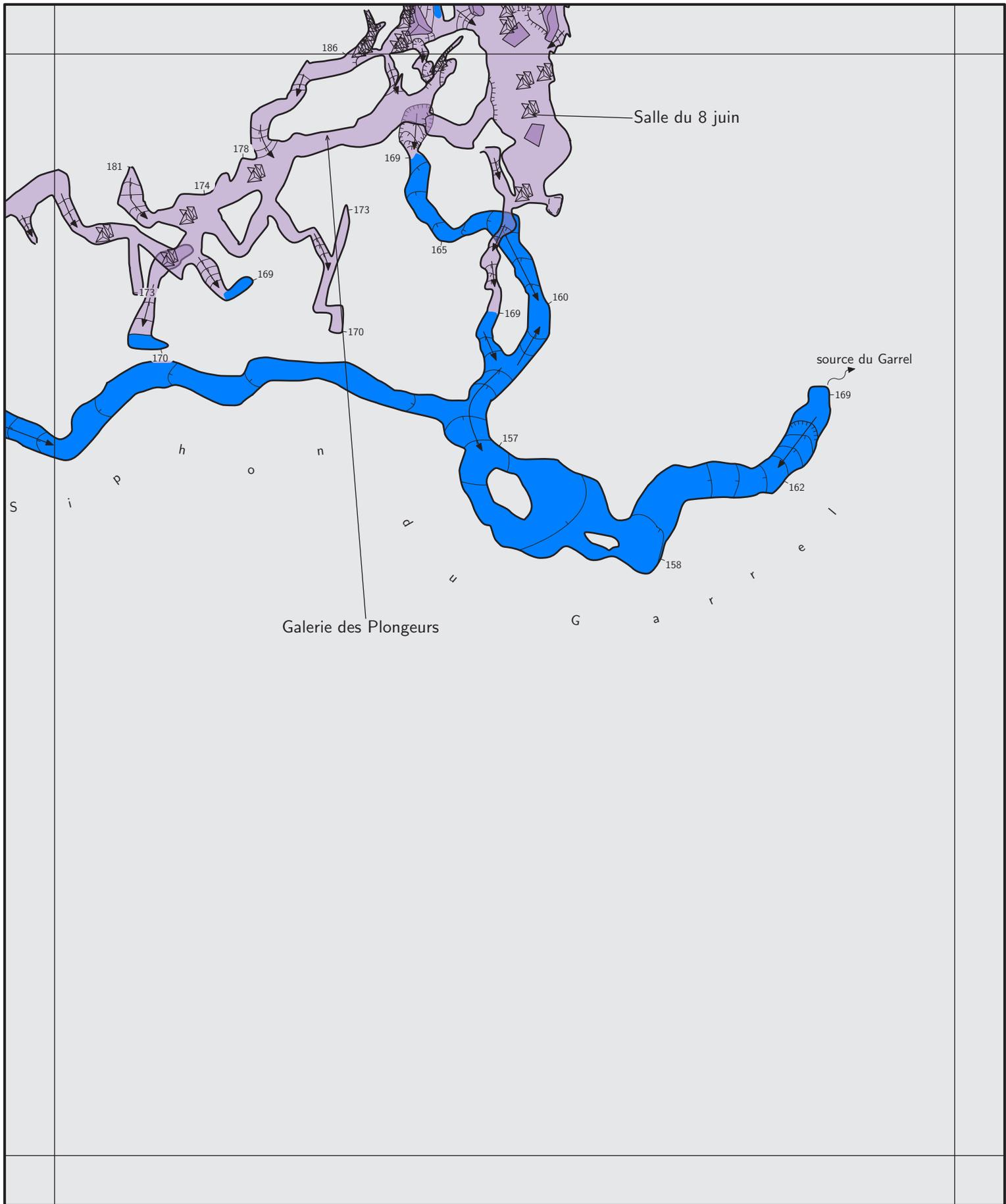


4 10 (54) garrel.all

42  
53 ↕ 55  
67



Synthèse topographique réalisée par P. Vernant



4 11 (55) garrel.all

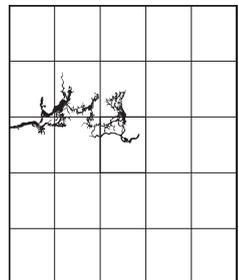
43  
54 ↻ 56  
68

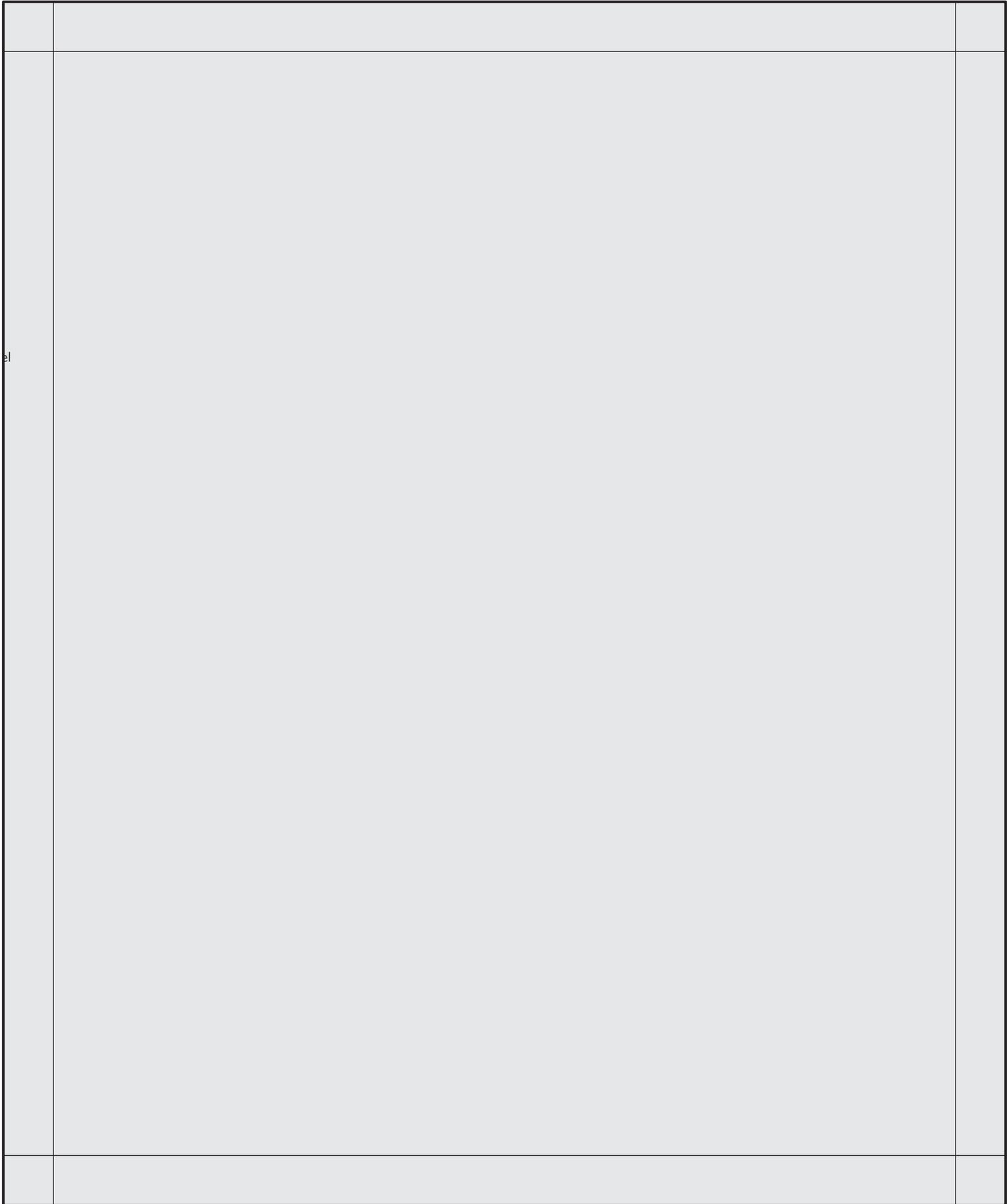


50 m



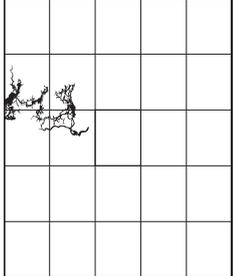
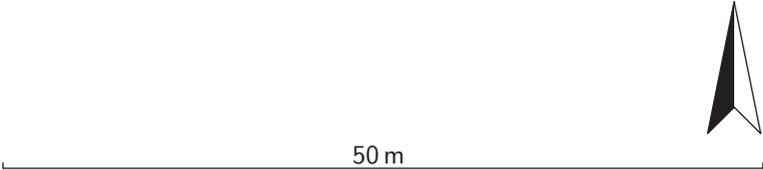
Synthèse topographique réalisée par P. Vernant



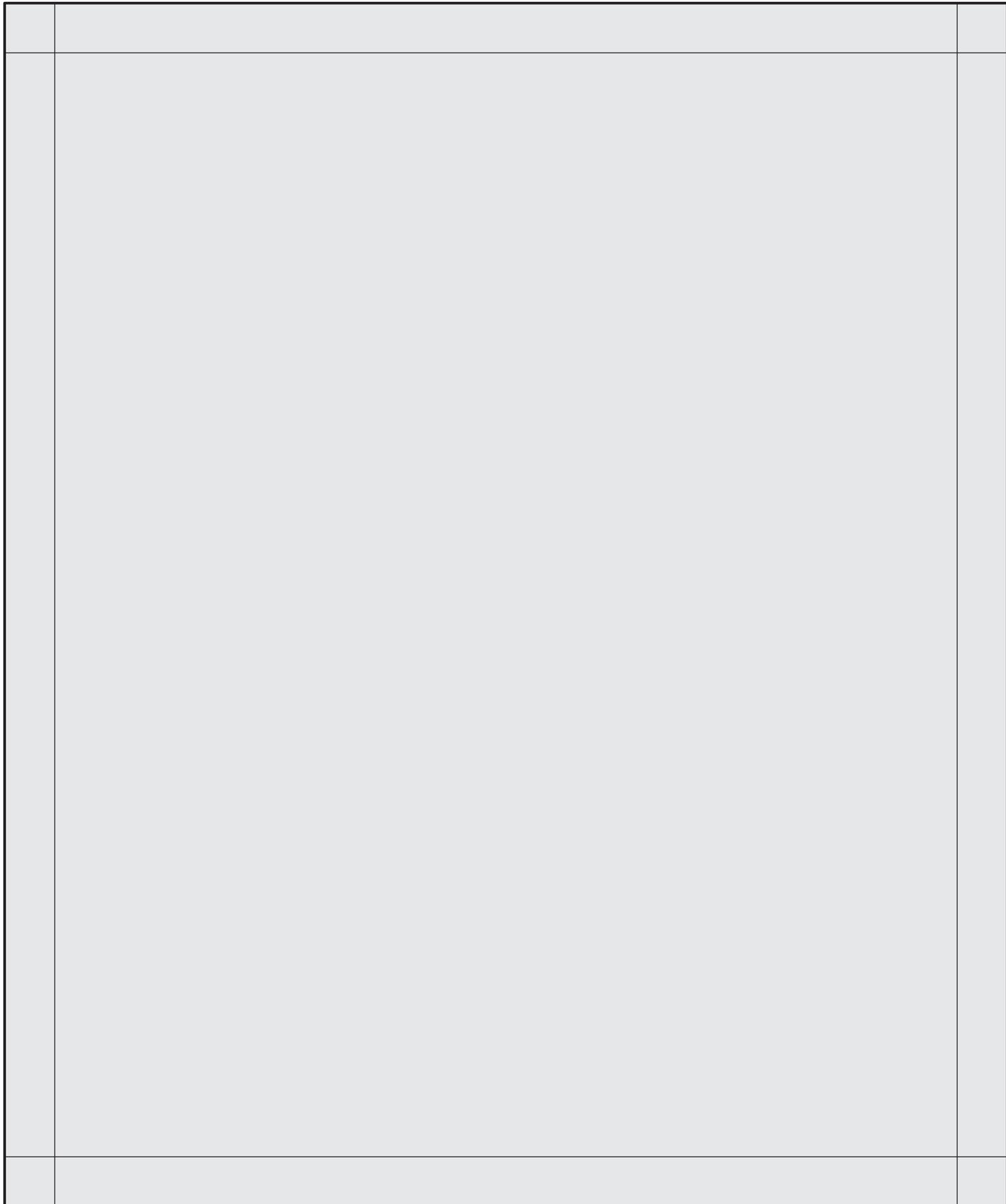


4 12 (56) garrel.all

55 ↻



Synthèse topographique réalisée par P. Vernant

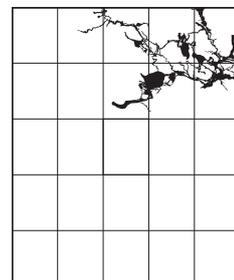


5 0 (57) garrel.all

44

⊕ 58

50 m



Synthèse topographique réalisée par P. Vernant

R

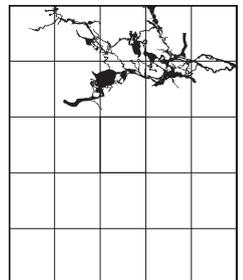
é

S

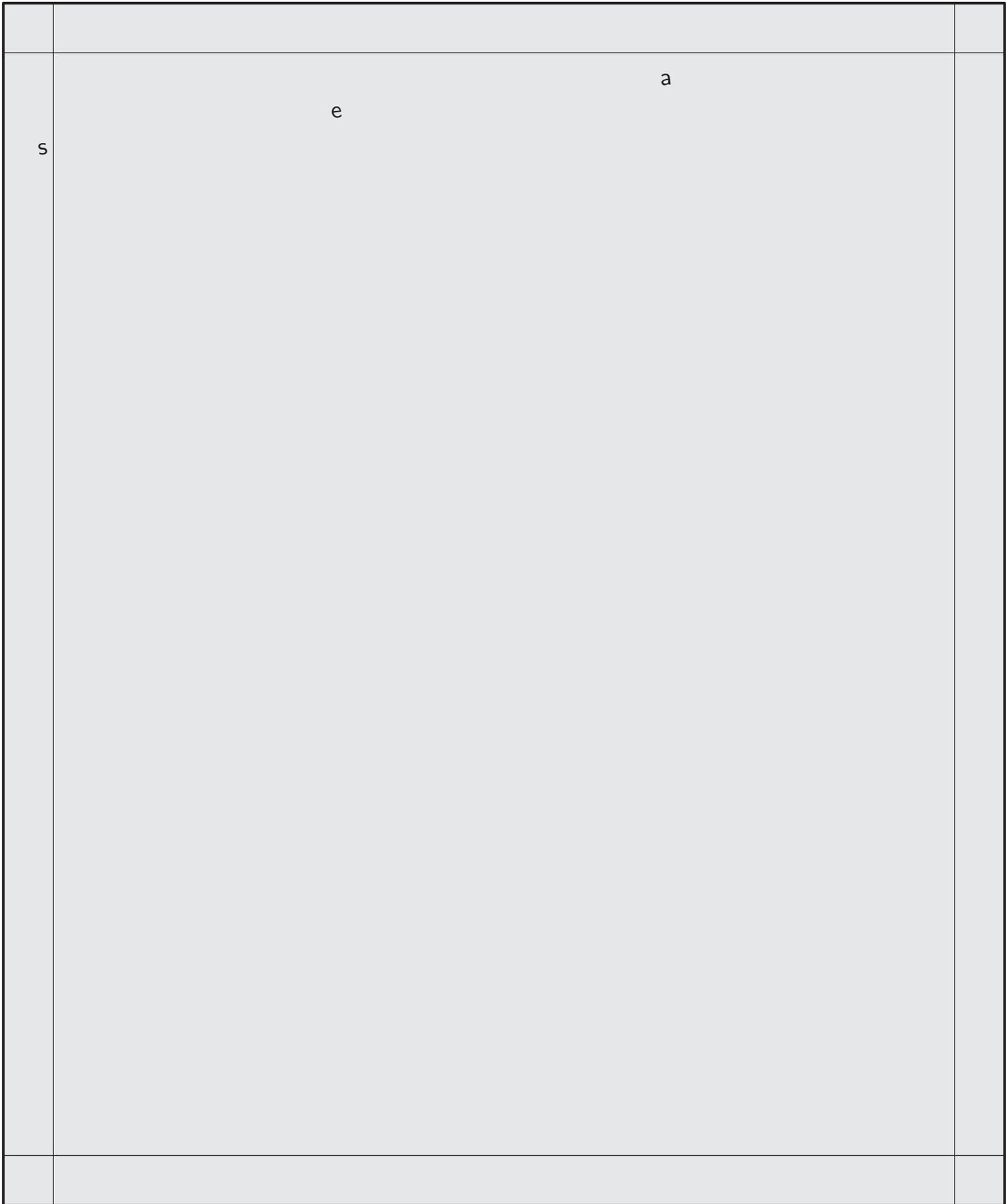
5 1 (58) garrel.all

45  
57 ↕ 59

50 m

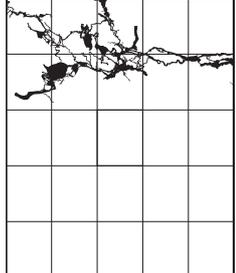
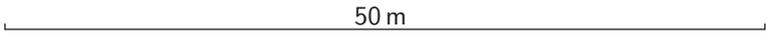


Synthèse topographique réalisée par P. Vernant



5 2 (59) garrel.all

46  
58 ↕ 60



Synthèse topographique réalisée par P. Vernant

u

d

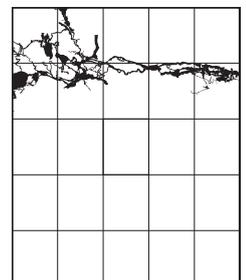
5 3 (60) garrel.all

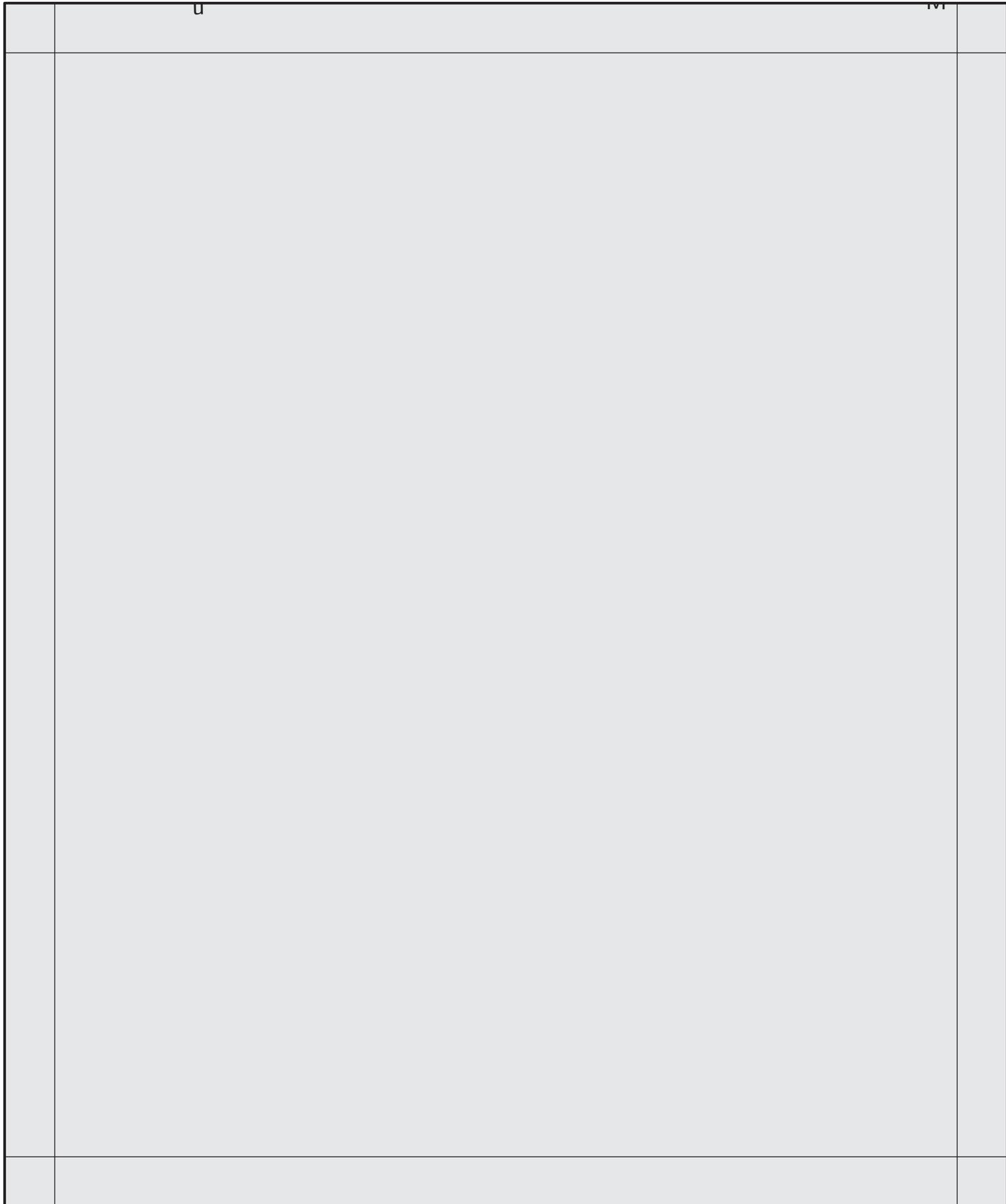
47  
59 ↕ 61

50 m



Synthèse topographique réalisée par P. Vernant

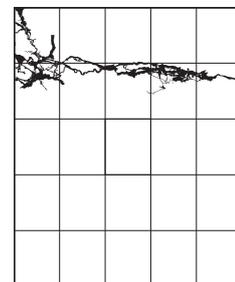




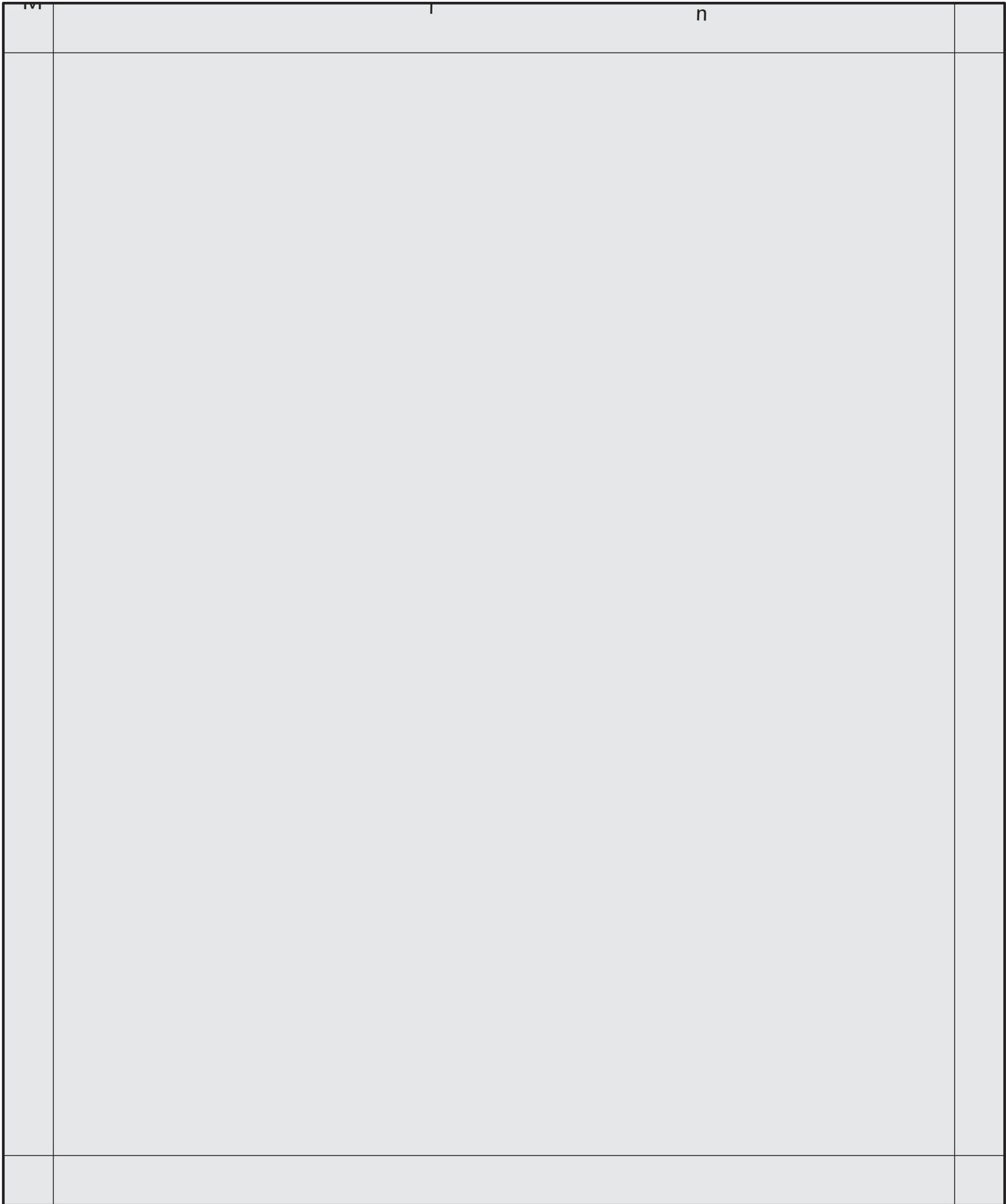
5 4 (61) garrel.all

48  
60 ↻ 62

50 m



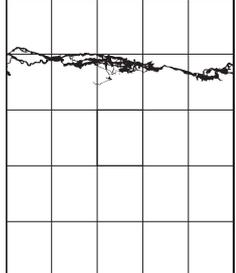
Synthèse topographique réalisée par P. Vernant



5 5 (62) garrel.all

49  
61 ↕ 63

50 m



Synthèse topographique réalisée par P. Vernant

o

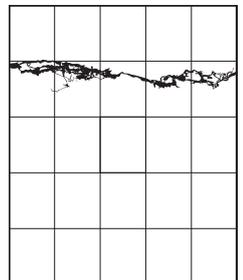
t

a

5 6 (63) garrel.all

50  
62 ↕ 64

50 m



Synthèse topographique réalisée par P. Vernant

u

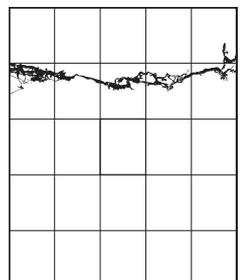
r

e

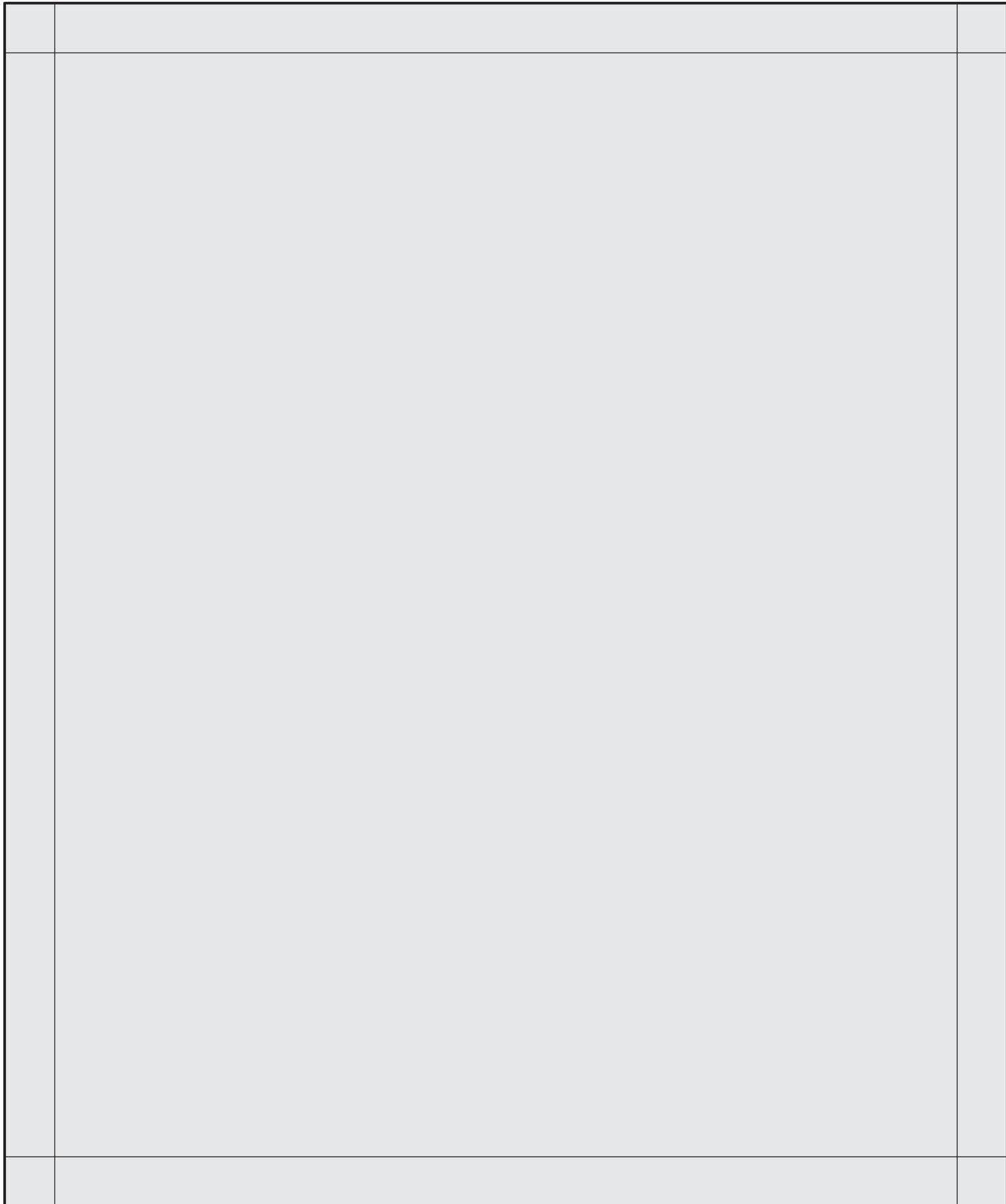
5 7 (64) garrel.all

51  
63 ↕ 65

50 m



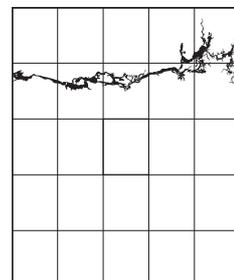
Synthèse topographique réalisée par P. Vernant



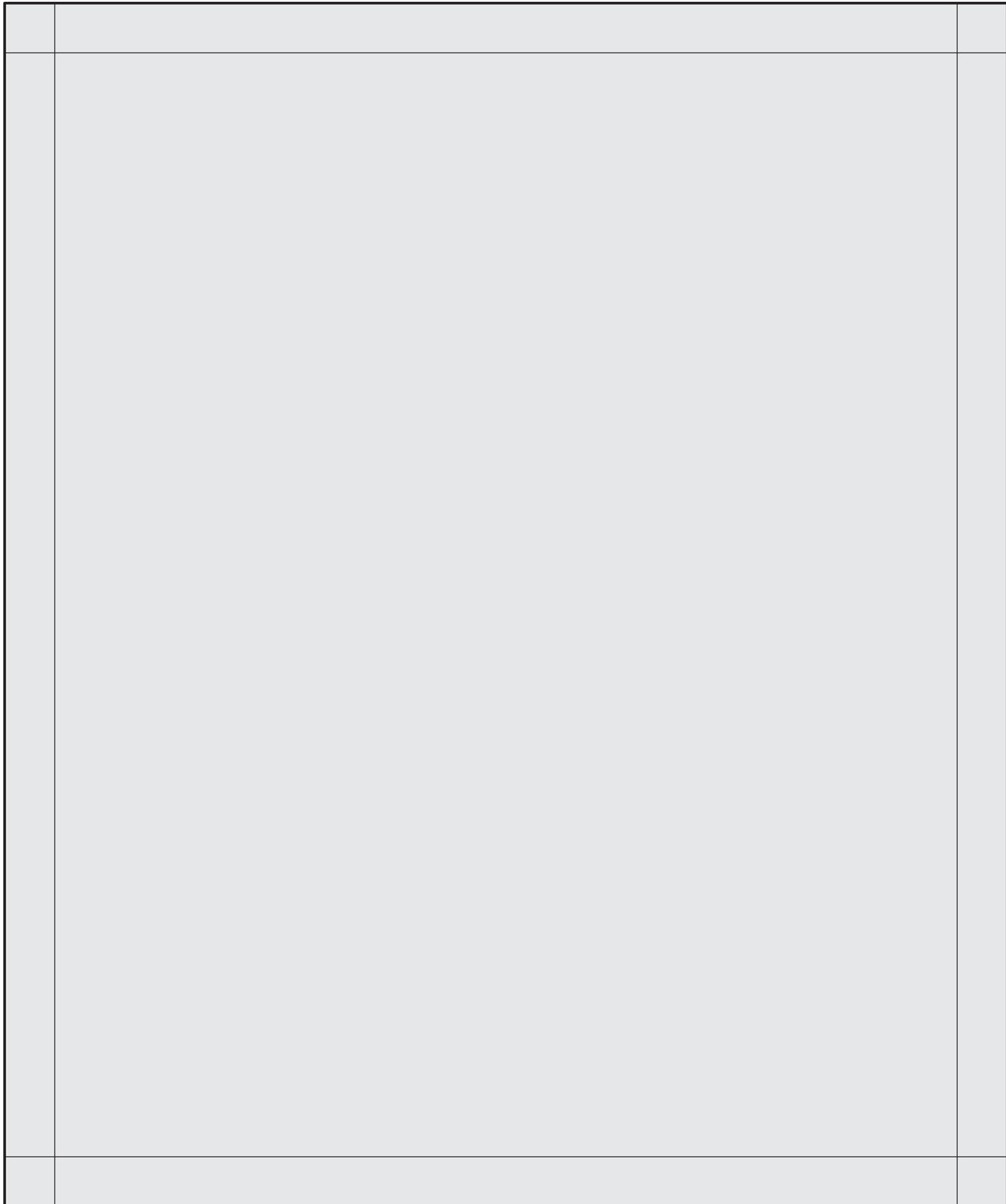
5 8 (65) garrel.all

52  
64 ↕ 66

50 m

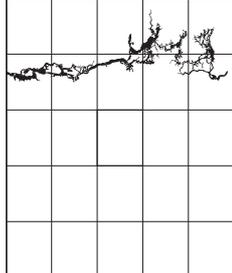
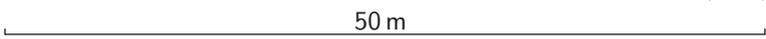


Synthèse topographique réalisée par P. Vernant

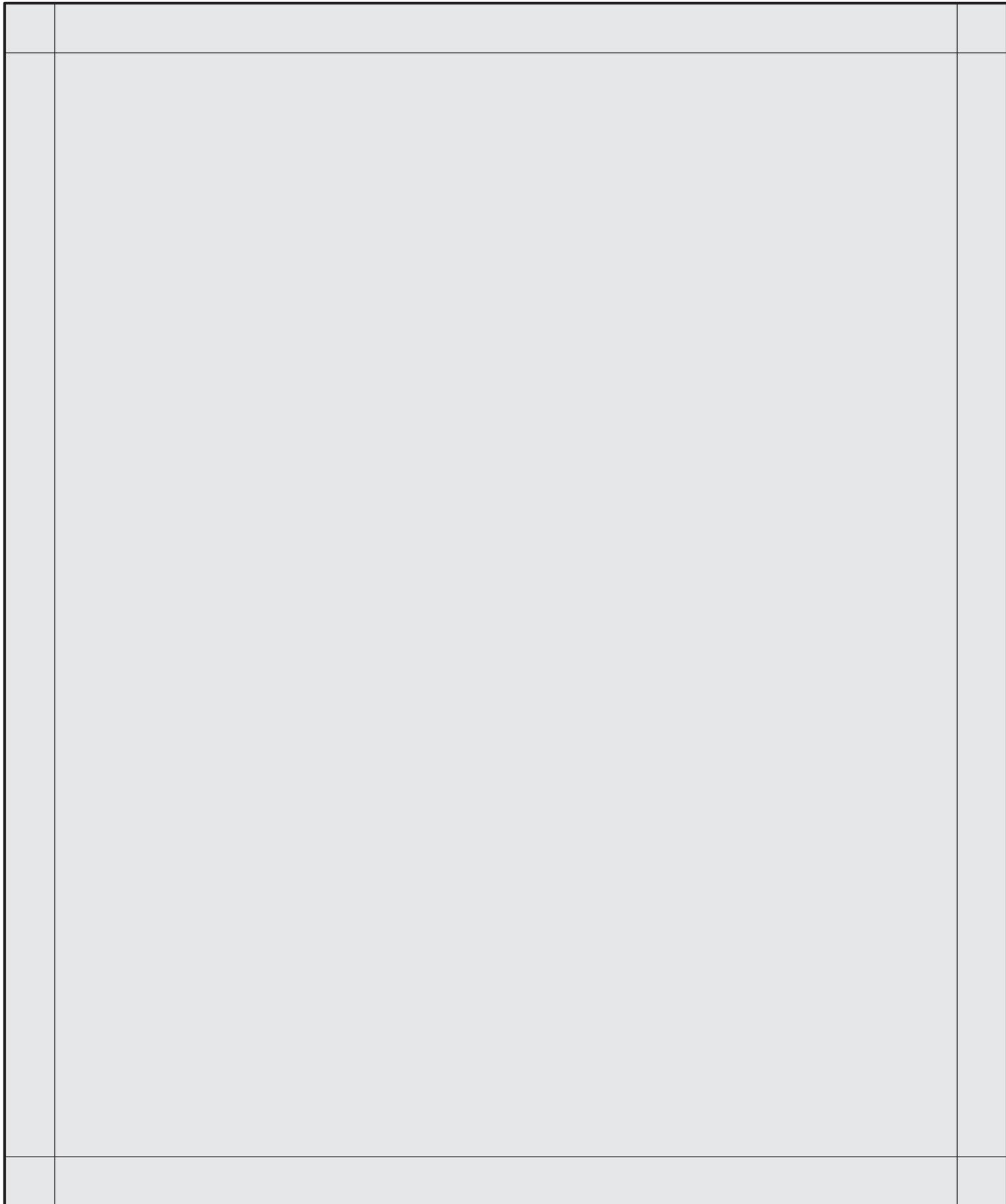


5 9 (66) garrel.all

53  
65 ↕ 67



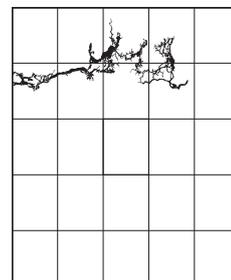
Synthèse topographique réalisée par P. Vernant



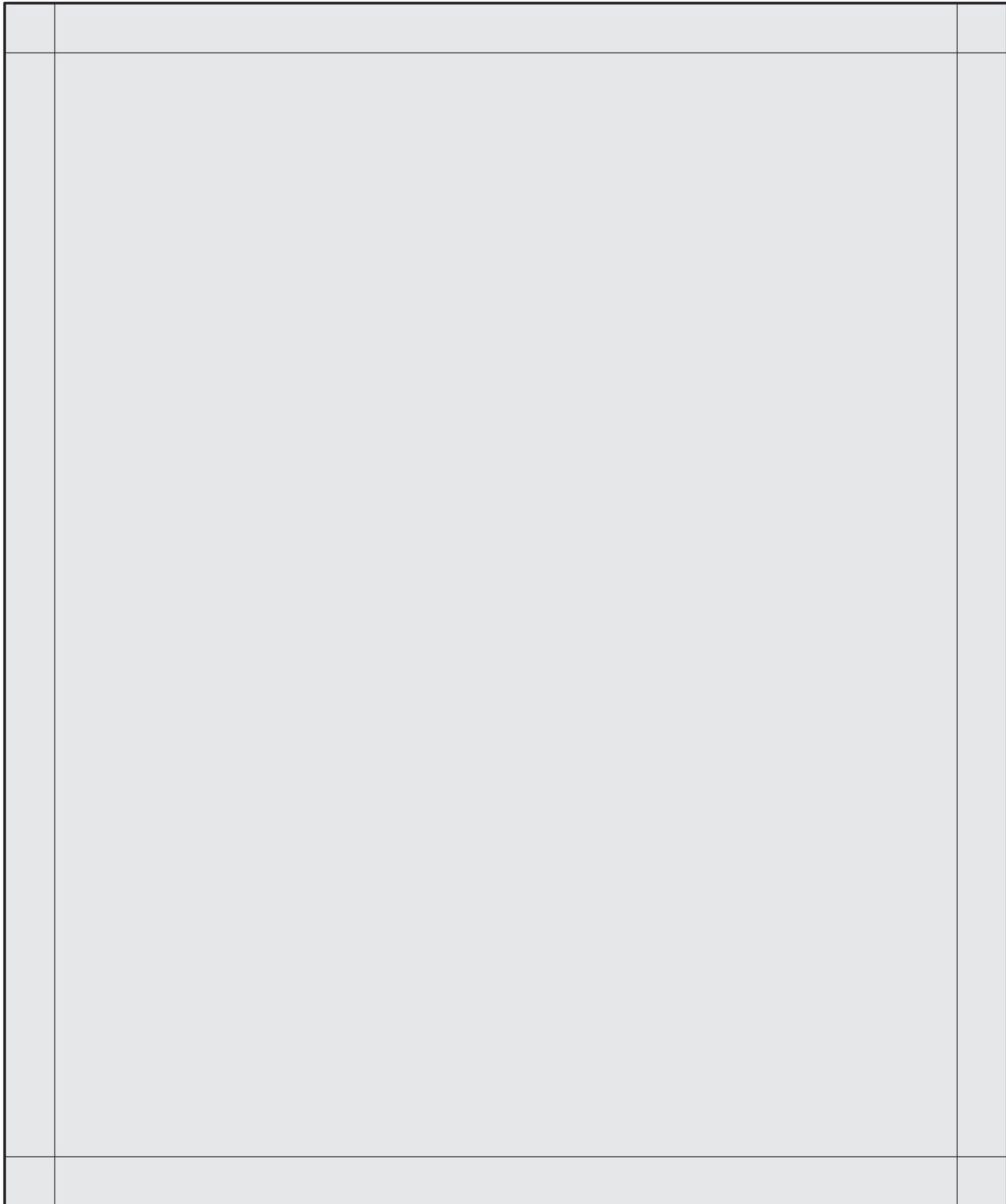
5 10 (67) garrel.all

54  
66 ↻ 68

50 m

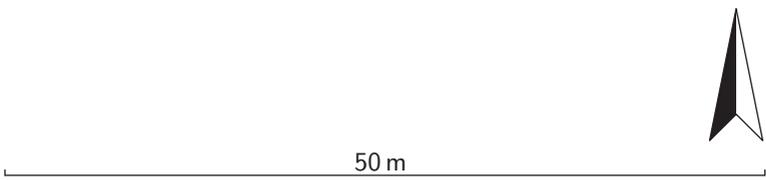


Synthèse topographique réalisée par P. Vernant

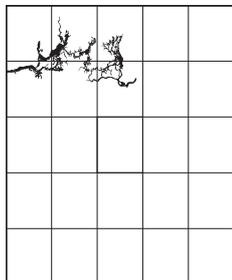


5 11 (68) garrel.all

55  
67 ↕



Synthèse topographique réalisée par P. Vernant



## Légende des couleurs

	cheminées et parties hautes
	réseau supérieur du carrefour et galerie des gours
	vers la salle des niphargus
	labyrinthe des galets
	de la deuxième entrée à la salle des pas perdus
	siphon et labyrinthe d'entrée jusqu'au gour Pascal
	réseaux inférieurs
	siphons des blocs
	labyrinthe des pas perdus et siphon trafalgar

## Légende

	paroi rocheuse		galets
	paroi présumée		bordure
	blocs, effondrement		eau
	altitude		sable
	courant d'air		argile
	désobstruction		galets
	escarpement		cailloutis
	surplomb		blocs
	méandre		roche-mère
	puits		écoulement permanent
	méandre de voûte		coulée de calcite
	cheminée		stalactite
	pente		stalagmite
	courbe de niveau		stalagmites
	bordure d'un bloc		colonne
	arête d'un bloc		fistuleuse
	blocs		excentrique
	cailloutis		barrage de gour
	sable		échelle fixe
	argile		