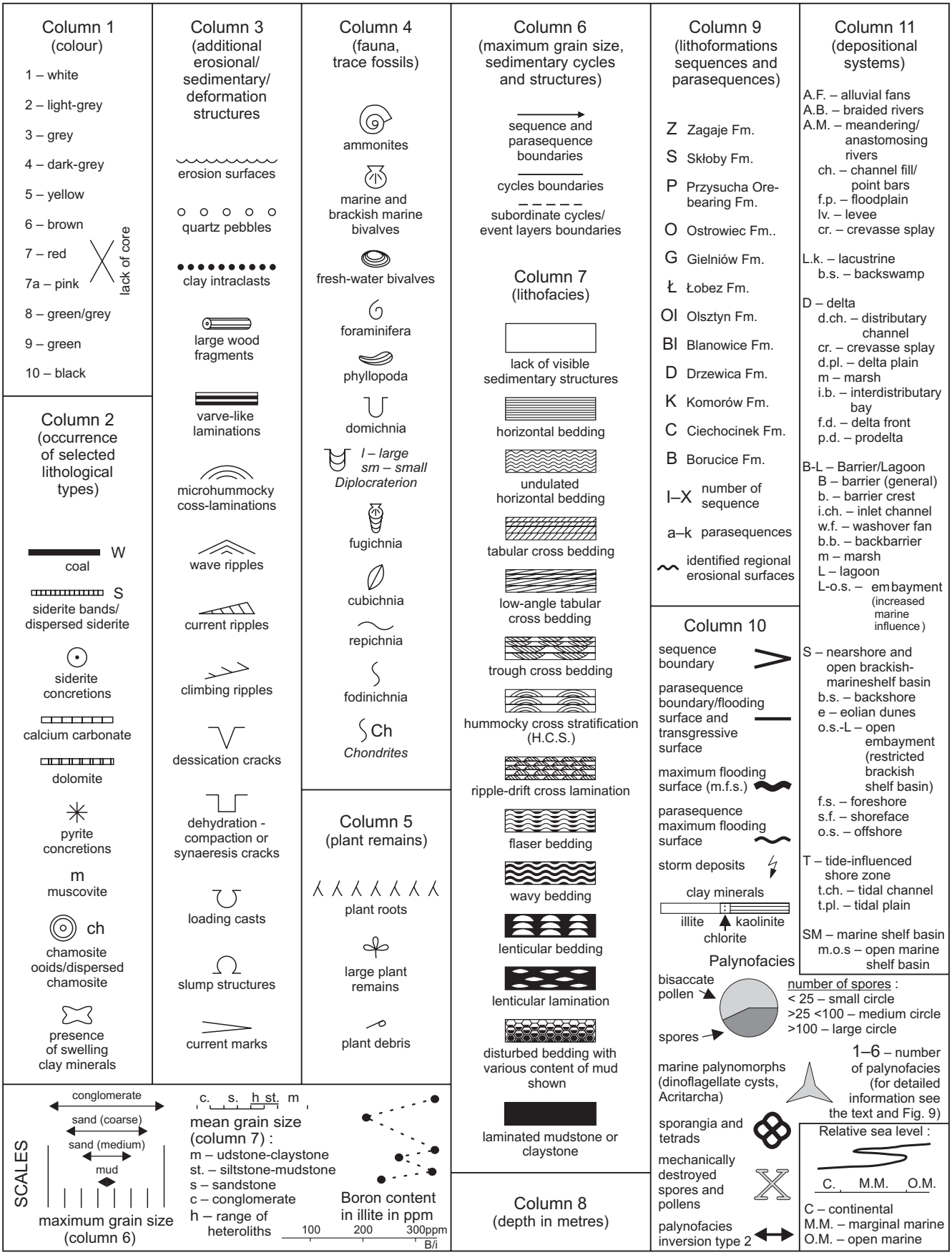
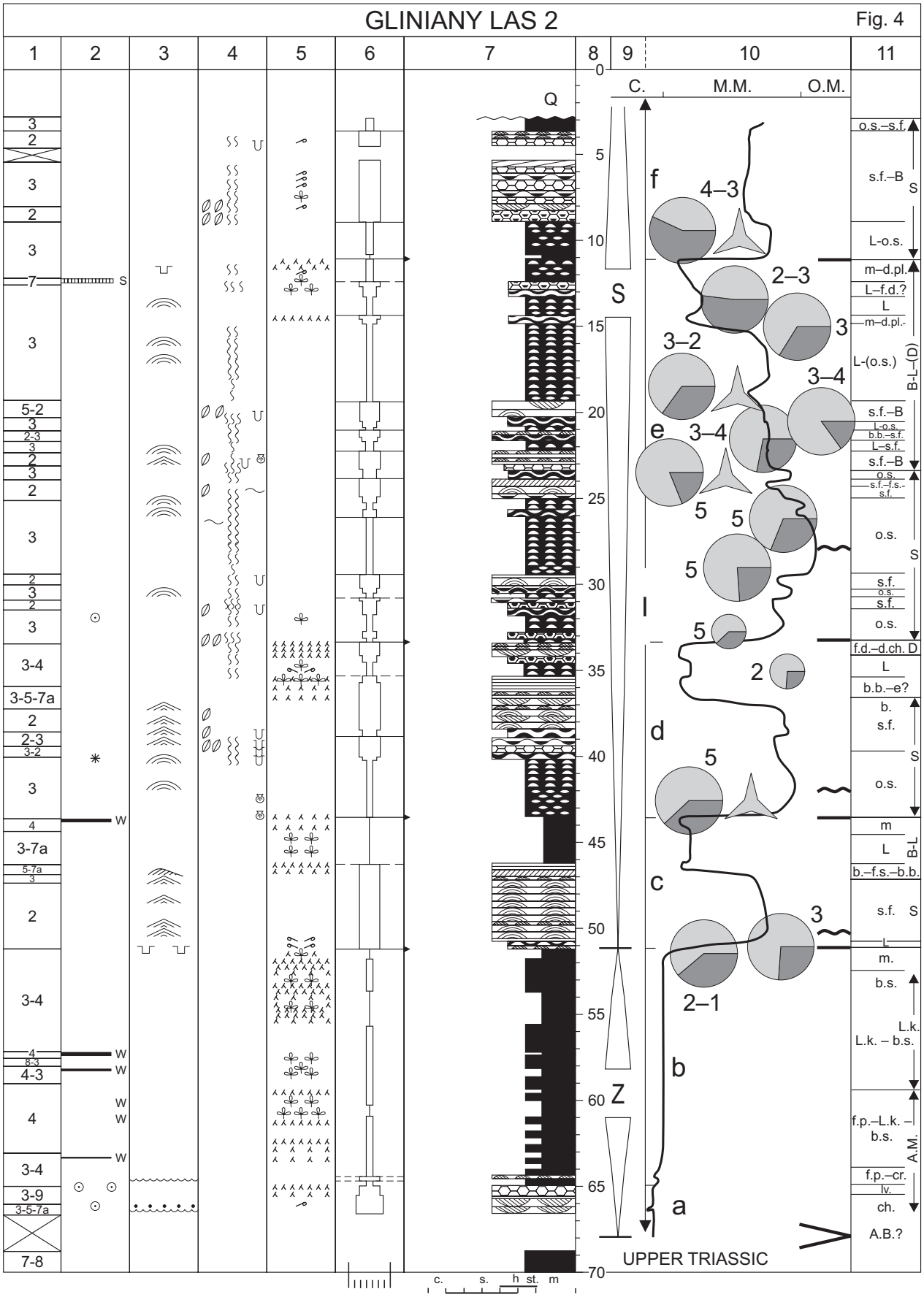
LIST OF THE BOREHOLE PROFILES

Fig. 4a Explanation of the profiles
Fig. 4 Gliniany Las 2
Fig. 5 Gliniany Las 1
Fig. 18 Podole OS-3
Fig. 19 Miłków-Szewna
Fig. 21 Huta OP-1
Fig. 22 Eugeniów-Korytków
Fig. 23 Pilichowice P-1
Fig. 27 Wola Nosowa-Gąsiorów WG-2
Fig. 31 Mechowo IG 1
Fig. 32 Kamień Pomorski IG 1
Fig. 33 Zawada PA-3
Fig. 34 Zawada ZA-9
Fig. 35 Mirzec MKR
Fig. 36 Mroczków-Kraszków 160
Fig. 37 Głęboka Droga 2
Fig. 38 Gródek OP-2
Fig. 41 Szydłowiec N-1
Fig. 43 Budki 1
Fig. 44 Jagodne 1
Fig. 45 Zychorzyn
Fig. 47 Brody-Lubienia
Fig. 50 Łęka Opatowska 7
Fig. 51 Bolesławiec 6
Fig. 52 Nowa Wieś 12
Fig. 53 Przystajń 2/81
Fig. 54 Wręczyca 3/81
Fig. 56 Suliszowice 38 BN
Fig. 57 Żarki 89 Ż
Fig. 58 Jaworznik 132 Ż
Fig. 59 Włodowice 52 BN
Fig. 60 Parkoszowice 58 BN
Fig. 63 Pobiedziska IGH 1
Fig. 64 Gorzów Wielkopolski IG 1
Fig. 66 Bartoszyce IG 1

EXPLANATION OF THE PROFILES

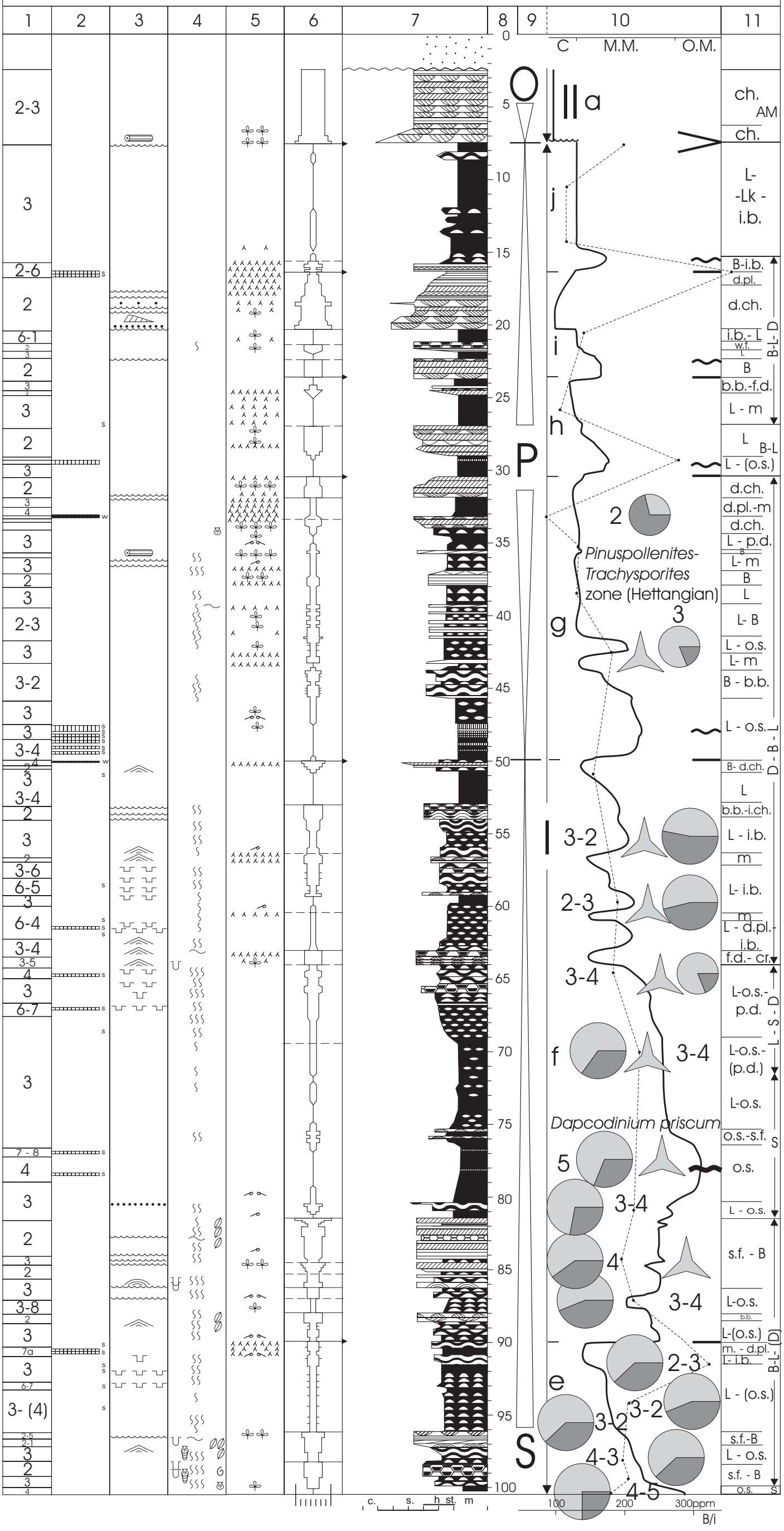
Fig. 4a




GLINIANY LAS 2
Fig. 4
1
2
3
4
5
6
7
8
9
10
11
C.
M.M.
O.M.
Q
S
W
f
e
d
c
b
a
4–3
2–3
3–2
3–4
2–1
UPPER TRIASSIC
c. s. h st. m
o.s.–s.f.
s.f.–B
L-o.s.
m–d.pl.
L–f.d.?
L
m–d.pl.-
L-(o.s.)
B-L–(D)
L–s.f.
o.s.
s.f.–f.s.-
s.f.
f.d.–d.ch. D
b.b.–e?
b.
m
B-L
b.–f.s.–b.b.
b.s.
L.k.
L.k. – b.s.
f.p.–L.k. –
b.s.
A.M.
f.p.–cr.
lv.
ch.
A.B.?

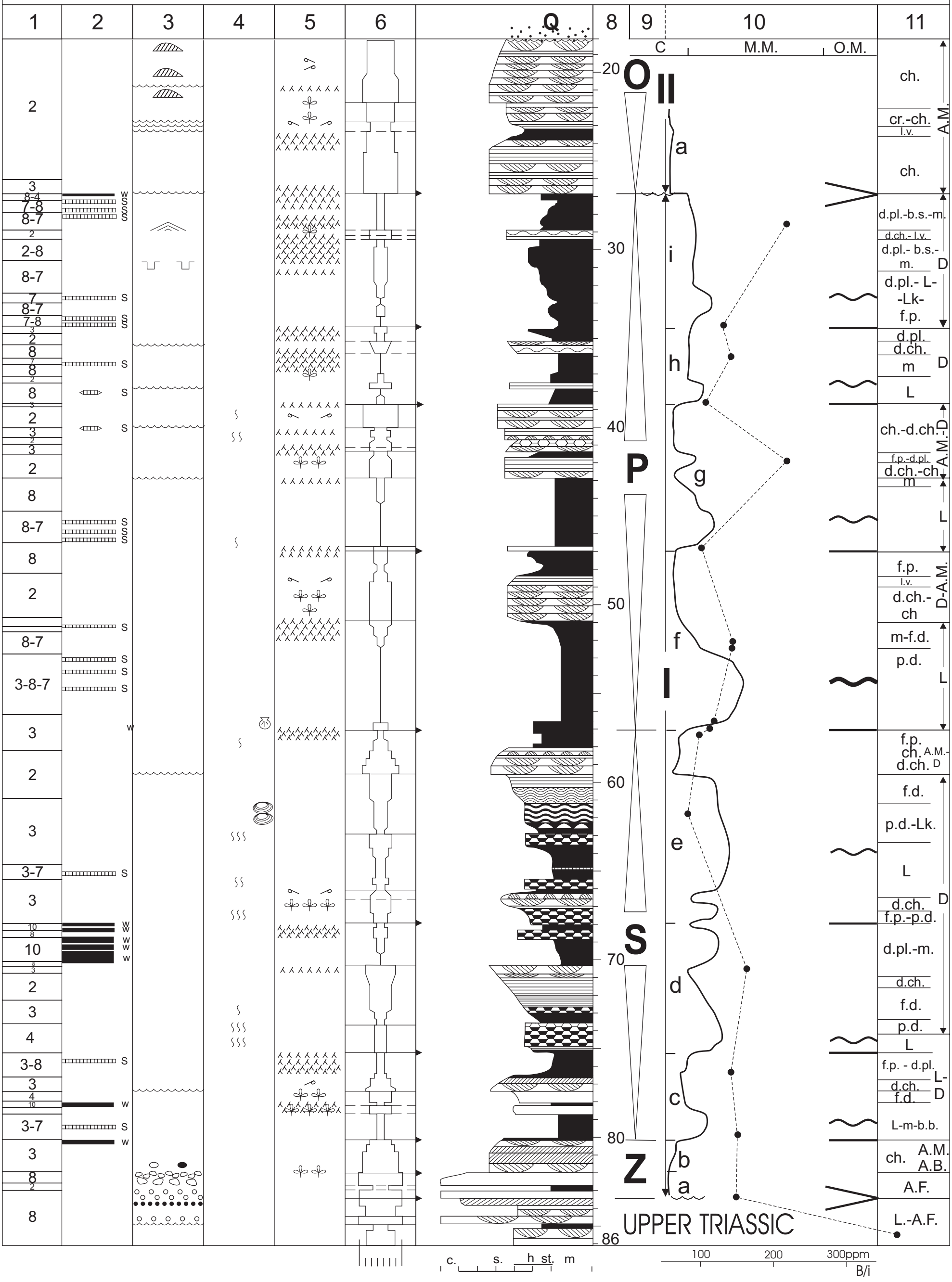
GLINIANY LAS 1

Fig. 5



PODOLE OS-3

Fig. 18



MIŁKÓW-SZEWNA

Fig. 19

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11

Q

15 C. M.M. O.M.

P

20 g

25

30 f

35

40

45 S e

50

55 d

60

65 c

70

75

80

85

90

b

95 Z

100

105

110

115

120 a

125

UPPER TRIASSIC

11: b.b B L B | L B-L | b.b. L - m B | s.f. o.s. s.f. s.f-o.s. S | m. b.b. m. b.b. B-L | L - i.b. | d.ch.- B d.ch. D | d.ch.-f.d. | s.f.-f.d. s.f. o.s. s.f. o.s. S | f.d. i.b. d.pl. l.v. D | f.d. i.b.- o.s. S | d.ch. f.d. d.ch. D | L-m. b.b. B-L | B-s.f. s.f. o.s.-s.f. S | s.f.-o.s. | d.ch. d.pl. l.v. D | ch. cr. f.p.-b.s. c.r. f.p. c.r. A.M. | f.p.-L.k. f.p.-b.s. c.r. f.p.-l.k. f.p.-b.s. L.k. | f.p.-L.k. f.p.-b.s. | c.r. f.p. c.r. f.p. l.v.-c.r. ch. A.M. | Lk - f.p.-b.s. | f.p.-c.r. c.r. f.p. l.v.-c.r. f.p. l.v. ch. ch. f.p. l.v. ch. A.M. | L.k. b.s. d. | A.B. | A.F. | L.-A.F.

c. s. h st. m

100 200 300ppm

B/i

HUTA OP-1

Fig. 21

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11

C. M.M. O.M.

0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 192

S Z I

e d c b a

s.f. f.s. s.f. o.s. S

b.b. -d.n. f.s. w.f. L S-B

s.f. o.s. s.f. B S

L - o.s. L B B - L

s.f. S

o.s. B-s.f.-f.s. L

L.k.- -b.s. cr.-d.

L.k.- -b.s.

cr.

b.s.- L.k. L.k.-b.s.

cr. cr. L.k.

f.p.-cr. d A.M.

L.k.

d. cr. d.

L.k.-b.s.

cr L.k. cr

Lk -f.p.

d-cr f.p.-cr f.p. ch. ch. f.p. ch. d. f.p. cr. f.p.-ch f.p.-cr. -lv. ch.-cr ch. d.-cr. f.p. A.M. - Lk. cr. f.p. cr.-l.v. f.p. cr. f.p. d.-l.v. f.p. ch.-cr. cr. f.p. cr. f.p. l.v. ch. ch. ch. ch.

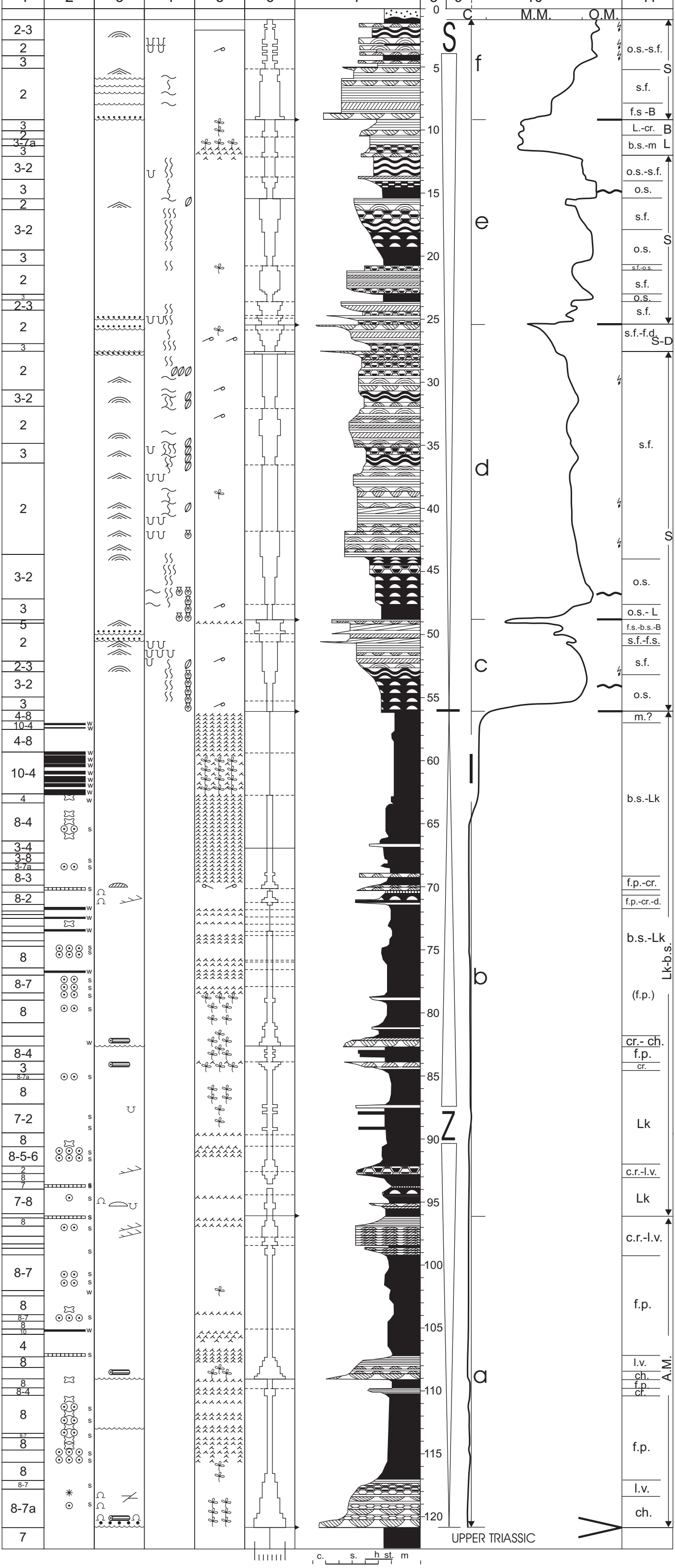
UPPER TRIASSIC A.B.

c. s. h st. m

EUGENIÓW-KORYTKÓW

Fig. 22

1	2	3	4	5	6	7	8	9	10	11



PILICHOWICE P-1

Fig. 23

1	2	3	4	5	6	7	8	9	10	11
							0			
						Q		C	M.M.	O.M
3	s									L
4	w									m.-cr.
3										b.s.-b.b.
4-7										f.s. S
1-2-5										s.f.
3										o.s.
2-5							10			s.f.-f.s.
1										
3										o.s. S
1										s.f.
3										o.s.-s.f.
2-1										s.f.
3										s.f.-o.s.
3-5										s.f.-f.s.
1										d.ch.-i.ch. D
3-7a										f.s.-b.
1										L
7a										f.s. B
2-5-7a										s.f.
1										L L
3-4-5										f.s.-b.
1										s.f.
2										S
7-8										s.f.-o.s.
	s						25			L
8-7	s									B
3										m. L
5-6										L
2										s.f.-f.s.-b
3										s.f.
										o.s.
2							35			o.s.-s.f.
3										s.f.
2										S
2										o.s.-s.f.
3										o.s.- L
4-3										L-m-b.b. L
2-3										f.s.-b. B
2							45			s.f.
										o.s. S
3	*									o.s.-L
										f.s.-d.ch.
										f.d.- s,f. D-
							50			p.d.- o.s. S
3-4										f.p.-d.pl. D
3										ch. A.M.
2-3										f.p.-L.k(d).
3-4	⊙									
7-8							55			

h P S I Z

i h g f e d c b

UPPER TRIASSIC

c. s. h st. m

WOLA NOSOWA-GĄSIORÓW WG-2

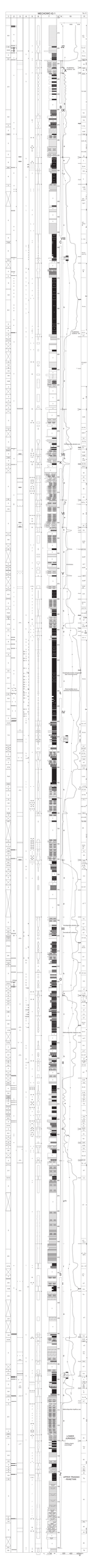
Fig. 27

1	2	3	4	5	6	8	9	10	11
						0		C M.M. O.M.	
2-5							S		s.f.
1-5									o.s.
5									s.f.
1	m					10	f		o.s. S
	m								
2-5			U						s.f.
3									o.s.
5						20			o.s.-L
									B - s.f.
3									o.s.
2-3									s.f.
3									o.s.
2									
1						30			s.f.
5-2									o.s.
									s.f. S
2									o.s.
						40			f.s.
2-5									f.s.-i.ch.
									s.f.-f.s.
3									o.s.
2-5									s.f.-f.s.
									s.f.
3						50	d		o.s.
2-5	m								s.f.
5									o.s.
2-3									s.f.-(f.s)
2									s.f.-o.s.
3-4									b.-i.ch.
4									L - o.s
6-3	s					60			L
3									b.s.-b.b. B
2	m								
1							c		s.f.-f.s.
2									S
3									s.f.
10	s w					70			o.s.
8-4									L.k.-b.s.-m
4-8	w								
	w								
	S								
	w								
10	w								L.k.-b.s.-
8-(7a)	w						b		
10	S w								
8-(7a)	w					80			
	S								
4-8	w								
8						82,60	Z		

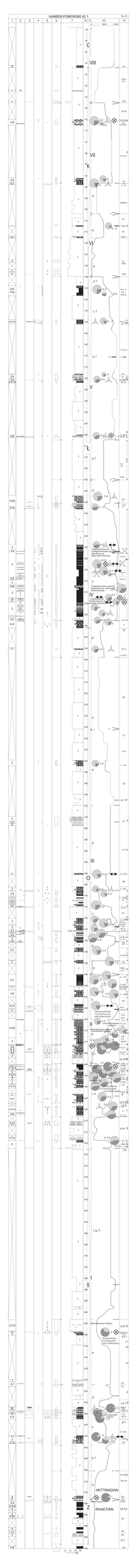
100 200 300ppm

B/i

c. s. h st. m


MESOZOIC ISS 1
Ma
J2
J1
X
IX
S
VIII
C
VII
X
VI
V
L
IV
I
III
O
II
S
Z
Anisian
Ladinian
Carnian
Norian
Rhaetian
Hettangian
Sinemurian
Pliensbachian
Toarcian
Aalenian
Bajocian
Bathonian
Callovian
Oxfordian
Kimmeridgian
Tithonian
Berriasian
Valanginian
Hauterivian
Barremian
Aptian
Albian
Cenomanian
Turonian
Coniacian
Santonian
Campanian
Maastrichtian
Danian
Selandian
Thanetian
Ypresian
Lutetian
Bartonian
Priabonian
Rupelian
Chattian
Aquitanian
Burdigalian
Langhian
Serravallian
Tortonian
Messinian
Zanclean
Piacenzian
Gelasian
Calabrian
Middle Pleistocene
Late Pleistocene
Holocene
UPPER TRIASSIC
RHAETIAN
LOWER
JURASSIC
UPPER JURASSIC
LOWER
CRETACEOUS
UPPER CRETACEOUS
PALEOGENE
NEOGENE
QUATERNARY

KAMIEŃ POMORSKI IG 1



ZAWADA PA-3

Fig. 33

1	2	3	4	5	6	7	8	9	10	11

C M.M. O.M.

Pinuspollenites-Trachysporites zone (Hettangian)

f

e

d

c

b

a

S

Z

s

0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125

125,30

c. s. h st. m

100 200 300ppm

B/i

s.f- f.d.
f.s.- b.
d.n.-b.s.
f.s.-b.
s.f.-
- f.d
B-L-D

f.s.-
B
b.b.
L.
B-L

m
i.b. - cr.
f.d
s.f.
o.s.
s.f.
S

L - o.s.
B-
L

B

s.f.-f.s.
s.f.-o.s.
S

d.ch.
d.ch.-
f.d.- f.s.
s.f.-f.s.
S- D

d.ch.-
f.d.- f.s.

f.s.-B
L
B
B-L

s.f.-(f.s.)
S

o.s.
f.s.
s.f.
o.s.

f.s.

d.ch. D

d.ch.-D-
-ch. AM

L- o.s.
B-s.f.
L

s.f.

S
o.s.
s.f.

o.s.
(L)

b.s.-
-d.pl.?

Lk-
(D)

b.s.-L.k

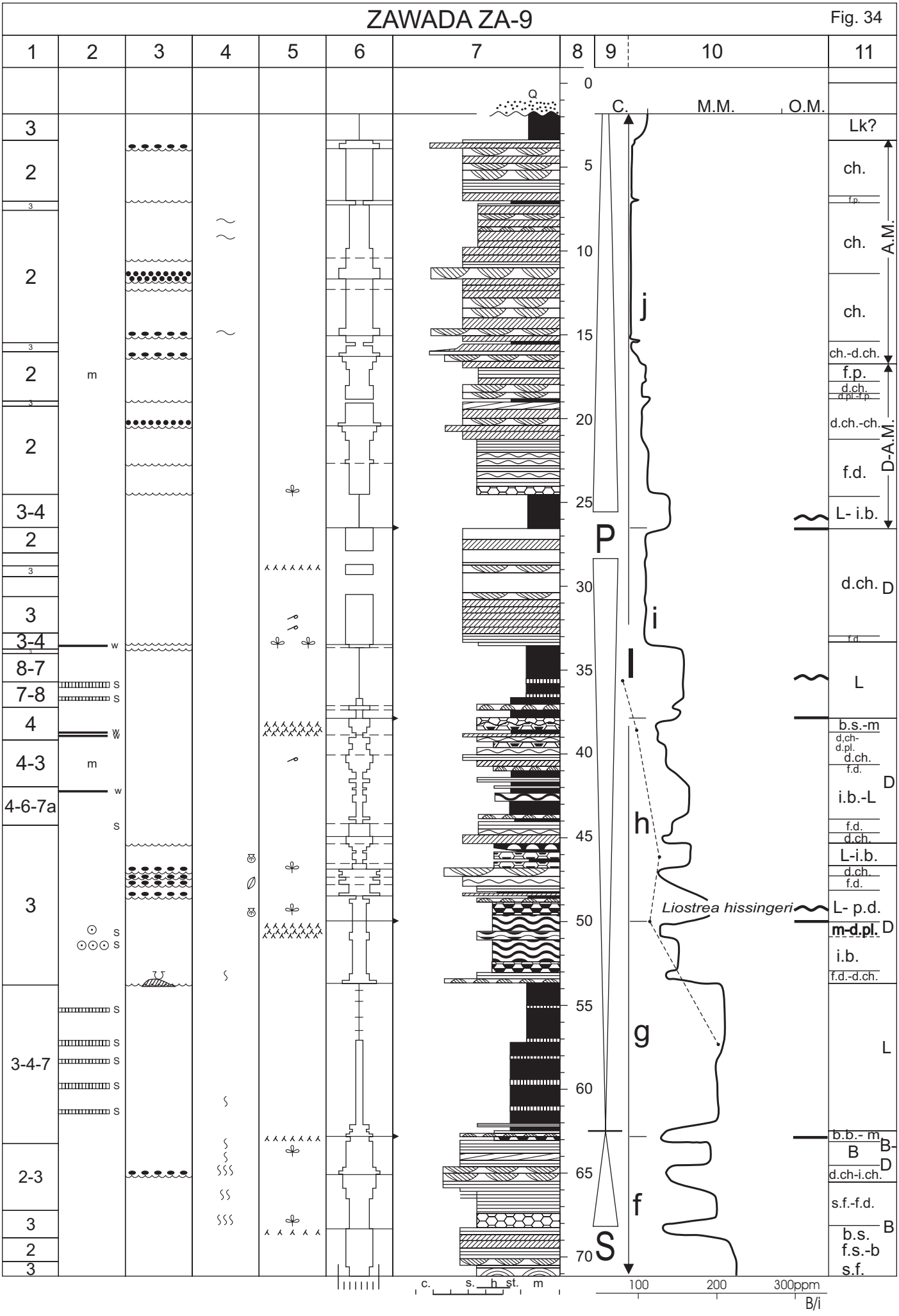
Lk

d.-A.M.-f.p.

b.s.-L.k.

L.k.

b.s.
b.s.


ZAWADA ZA-9
Fig. 34
1
2
3
4
5
6
7
8
9
10
11
C.
M.M.
O.M.
Q
Lk?
ch.
f.p.
ch.
ch.
ch.-d.ch.
A.M.
f.p.
d.ch.
d.pl.-f.p.
d.ch.-ch.
f.d.
D-A.M.
L- i.b.
d.ch.
D
f.d.
L
b.s.-m
d,ch-
d.pl.
d.ch.
f.d.
i.b.-L
f.d.
d.ch.
L-i.b.
d.ch.
f.d.
L- p.d.
m-d.pl.
i.b.
f.d.-d.ch.
L
b.b.- m
B
d.ch-i.ch.
B-D
s.f.-f.d.
b.s.
f.s.-b
s.f.
B
Liostrea hissingeri
P
S
j
i
l
h
g
f
0
5
10
15
20
25
30
35
40
45
50
55
60
65
70
3
2
3-4
8-7
7-8
4
4-3
4-6-7a
3-4-7
2-3
m
w
s
c.
s.
h
st.
m
100
200
300ppm
B/i

MIRZEC MKR

Fig. 35

1	2	3	4	5	6	7	8	9	10	11

C M.M. O.M.

O b II a k j i P I h g S

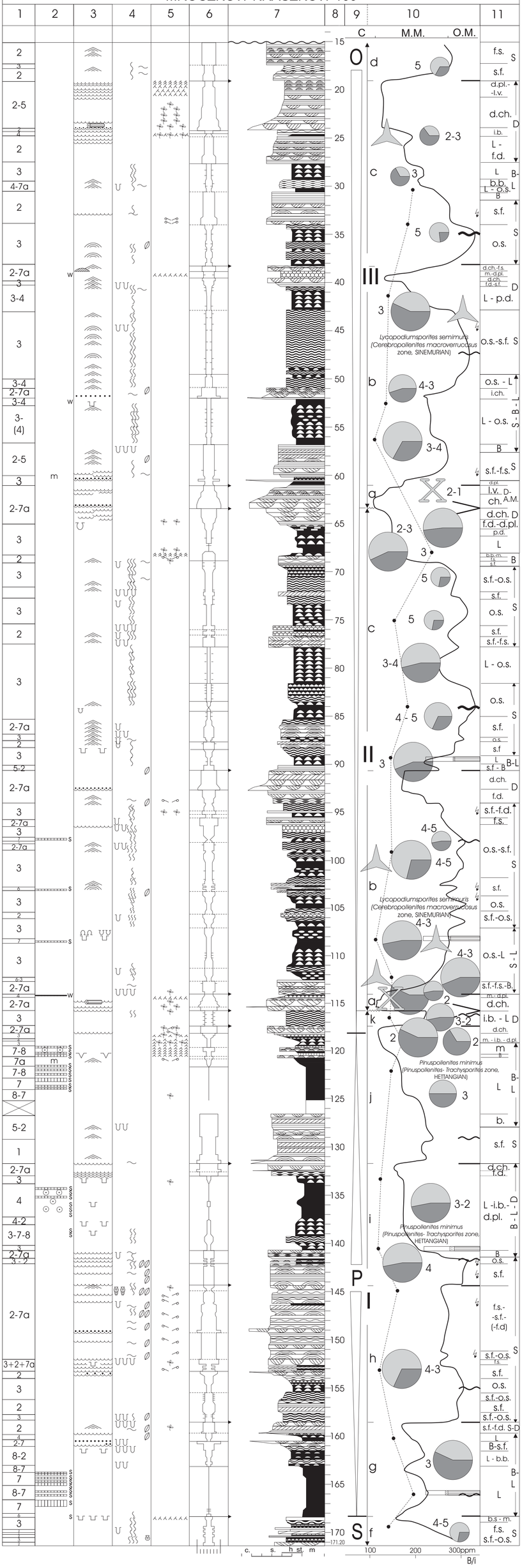
0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90

2 2-3 3 3-5 3 3-7-6 2-3 3-6 4 3-7 2-5 3 2-3 3-2 3-7 4 2 4 3 2-5 3-7-5 6 3 2 3 2 3 2 2-5

s.f. o.s. f.p.-d.pl.-m. D ch. f.p-L.k. ch. f.p. ch. f.p. ch. cr - d.pl. m.- i.b. L L-(o.s.) B-L f.s.-B s.f.- B L - (o.s.) i.b.-m. d.ch. f.d. p.d. D L B-L f.s.- B s.f. o.s. s.f. o.s. s.f. o.s. s.f. o.s. s.f.-o.s.-B. L B L m f.s.-b.b. B - f.s. s.f. i.b.- m d.ch. i.b. f.d.-d.ch. i.b. d.ch.- d.pl. f.d. L - o.s. o.s. - L s.f. s.f.-f.s.-b.s. s.f. o.s. s.f. o.s. s.f. S A.M. S B-L B-L S D B-L S

c. s. h st. m

MROCZKÓW-KRASZKÓW 160



GŁĘBOKA DROGA 2

Fig. 37

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11

C | M.M. | O.M.

O | II | b | a | k | j | i | P | l | h | g | S | f

0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 78

3 | 3-5 | 2-5 | 2-1 | 3 | 2 | 3 | 7 | 3-7a | 3 | 7-8 | 7 | 3 | 7 | 3 | 5 | 7 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 5-7a | 6-5 | 2 | 6 | 3 | 7 | 3 | 3-2 | 2 | 3 | 2-3 | 3 | 7a | 2 | 4 | 3 | 2 | 3 | 2 | 5-7 | 3 | 2 | 7-(8) | 7 | 3 | 2 | 3

m | S

L-o.s. L-S | b.b. i.ch. s.f.-f.s. S-B | b.b. i.b.-L m.-d.pl. d.ch. D | B-f.s.-s.f. | i.ch. | L - o.s. | B - s.f. | o.s.-s.f. | B - s.f. | L - o.s. B-L | f.s.-B | s.f. | o.s.-s.f. | s.f. S | B B-L | L - o.s. | s.f. S | o.s. | L B-L | B-f.s. | B-s.f. | f.s. | o.s- L- -s.f. | s.f.-f.s. | s.f. | o.s.- L | s.f.-f.s. | o.s. | s.f. | o.s. | f.s. | o.s. L - (s.f.) | s.f. | o.s.-s.f. | f.s.-s.f. | o.s. | L-o.s. | b.b. | b. B | s.f. | o.s. S

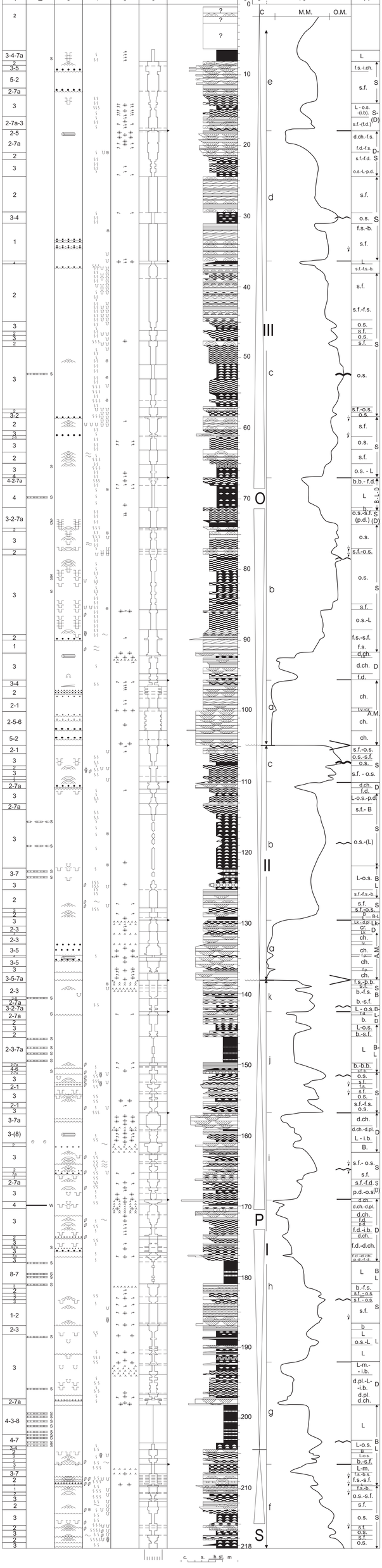
c. | s. | h | st. | m

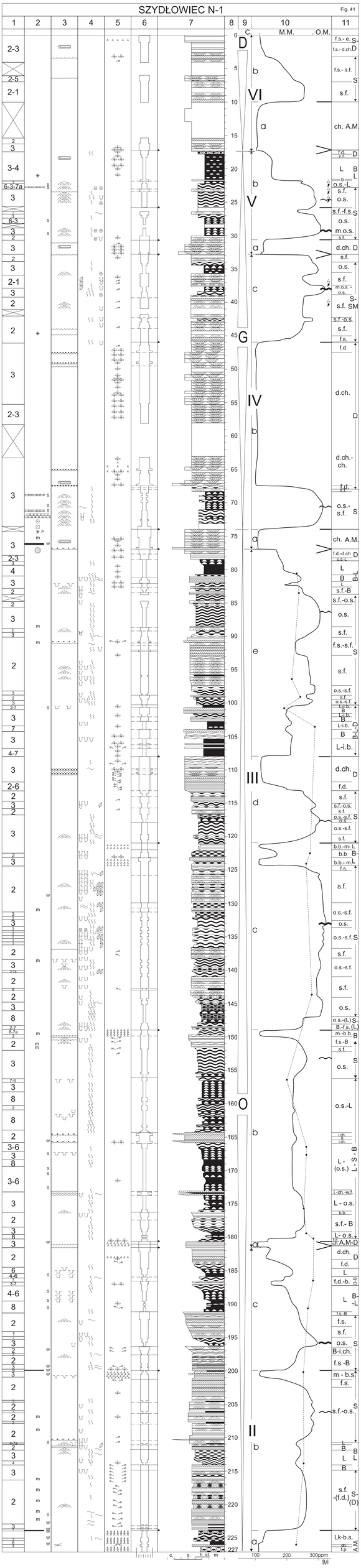
100 | 200 | 300ppm

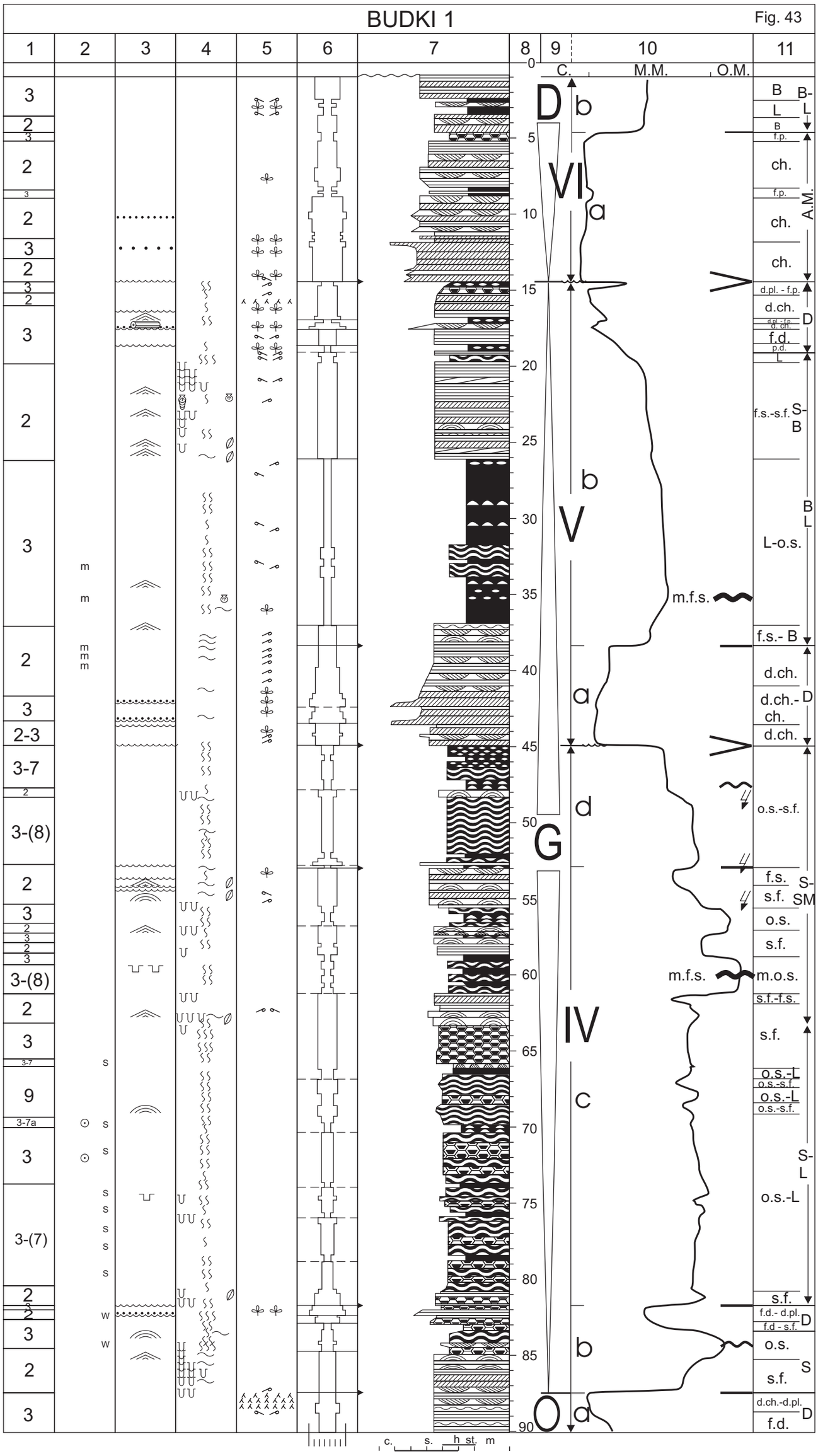
B/i

GRÓDEK OP-2

Fig. 38




SZYDŁOWIEC N-1
Fig. 41
1
2
3
4
5
6
7
8
9
10
11
C
M.M.
O.M.
D
VI
V
G
IV
III
O
II
a
b
c
d
e
0
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
80
85
90
95
100
105
110
115
120
125
130
135
140
145
150
155
160
165
170
175
180
185
190
195
200
205
210
215
220
225
227
100
200
300ppm
B/i
c.
s.
h. st.
m


BUDKI 1
Fig. 43
1
2
3
4
5
6
7
8
9
10
11
C.
M.M.
O.M.
D
b
VI
a
V
b
V
a
d
G
IV
c
b
O
a
m.f.s.
m.f.s.
B
L
B
f.p.
ch.
f.p.
ch.
ch.
A.M.
d.pl. - f.p.
d.ch.
d.pl. - f.p.
d. ch.
f.d.
p.d.
L
f.s.-s.f.
S-B
L-o.s.
B
L
f.s.- B
d.ch.
d.ch.-
ch.
d.ch.
D
o.s.-s.f.
f.s.
s.f.
o.s.
s.f.
m.o.s.
s.f.-f.s.
S-SM
s.f.
o.s.-L
o.s.-s.f.
o.s.-L
o.s.-s.f.
o.s.-L
S-L
s.f.
f.d.- d.pl.
f.d - s.f.
o.s.
s.f.
S
d.ch.-d.pl.
f.d.
D
c.
s.
h
st.
m

JAGODNE 1

Fig. 44

1 2 3 4 5 6 7 8 9 10 11

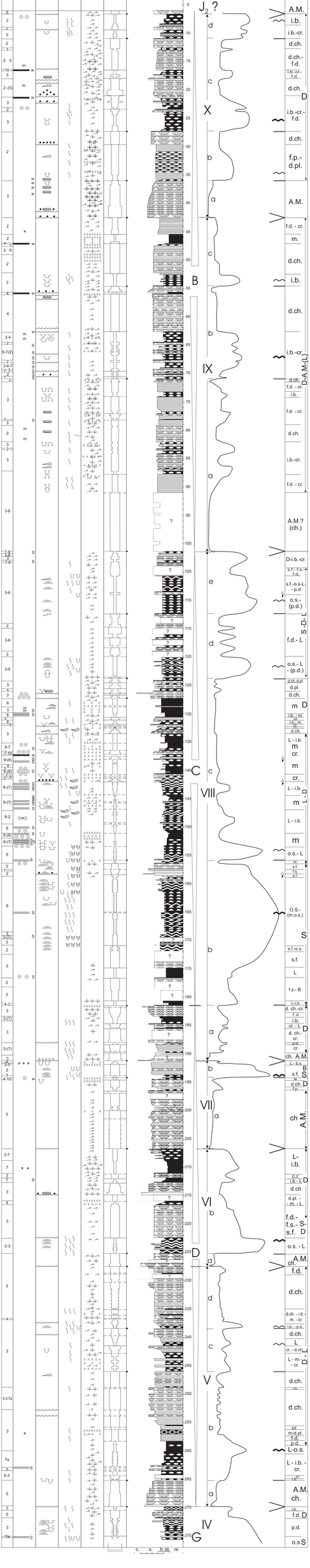
2-3-(5)
2-5-7
3 2-5
5-7
3-8
8
7a-8
8
4
8
3-2
7-7a-8
8
8-7
3
2
5 2 3
2
7a-3
3-7a
2
3 2-7a
2
3 2
3
3-4
3-7a
2-3
3-2
2
2-1
2

s s s

ZYCHORZYN

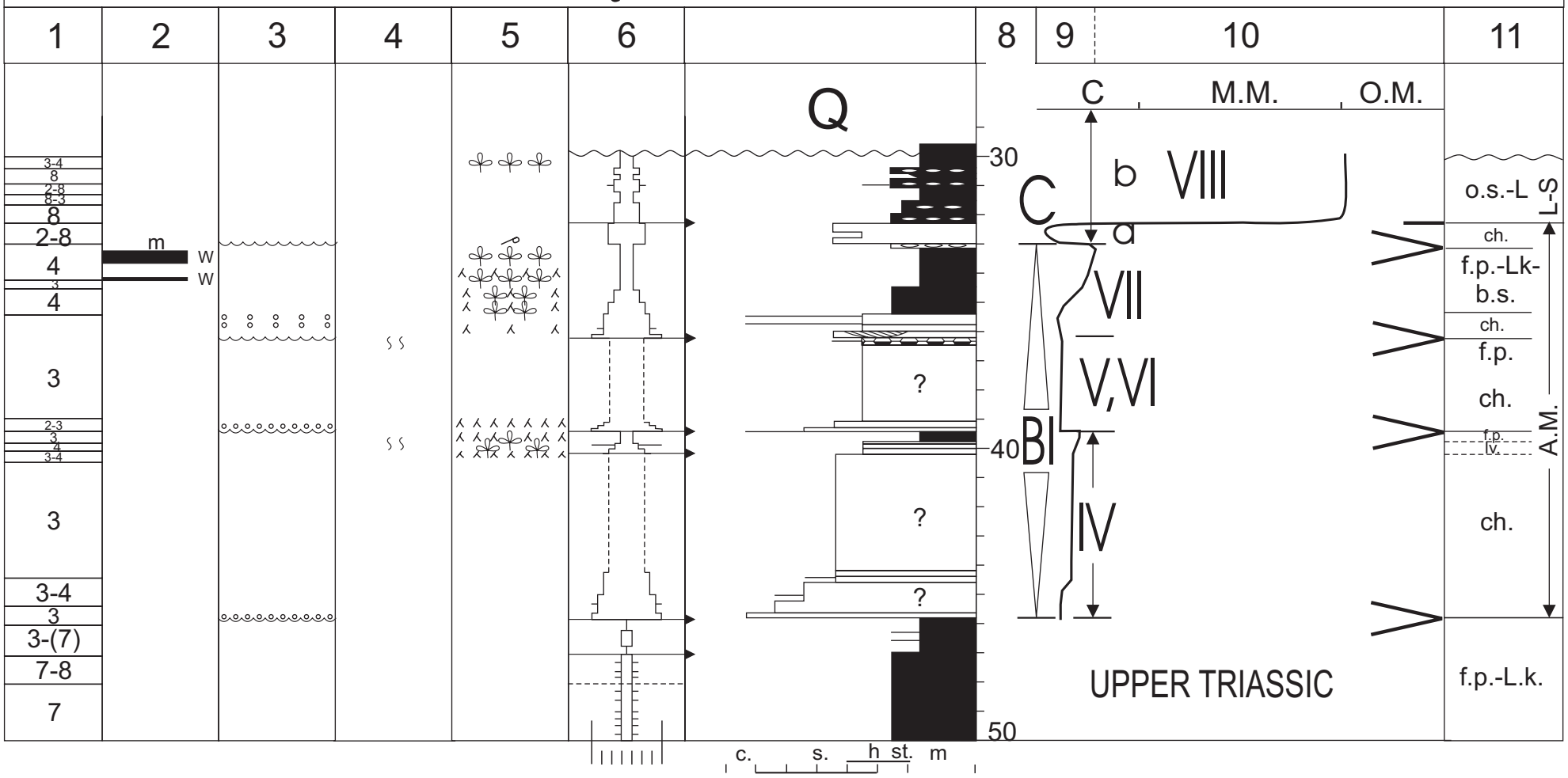
Fig. 45

BRODY-LUBIENIA



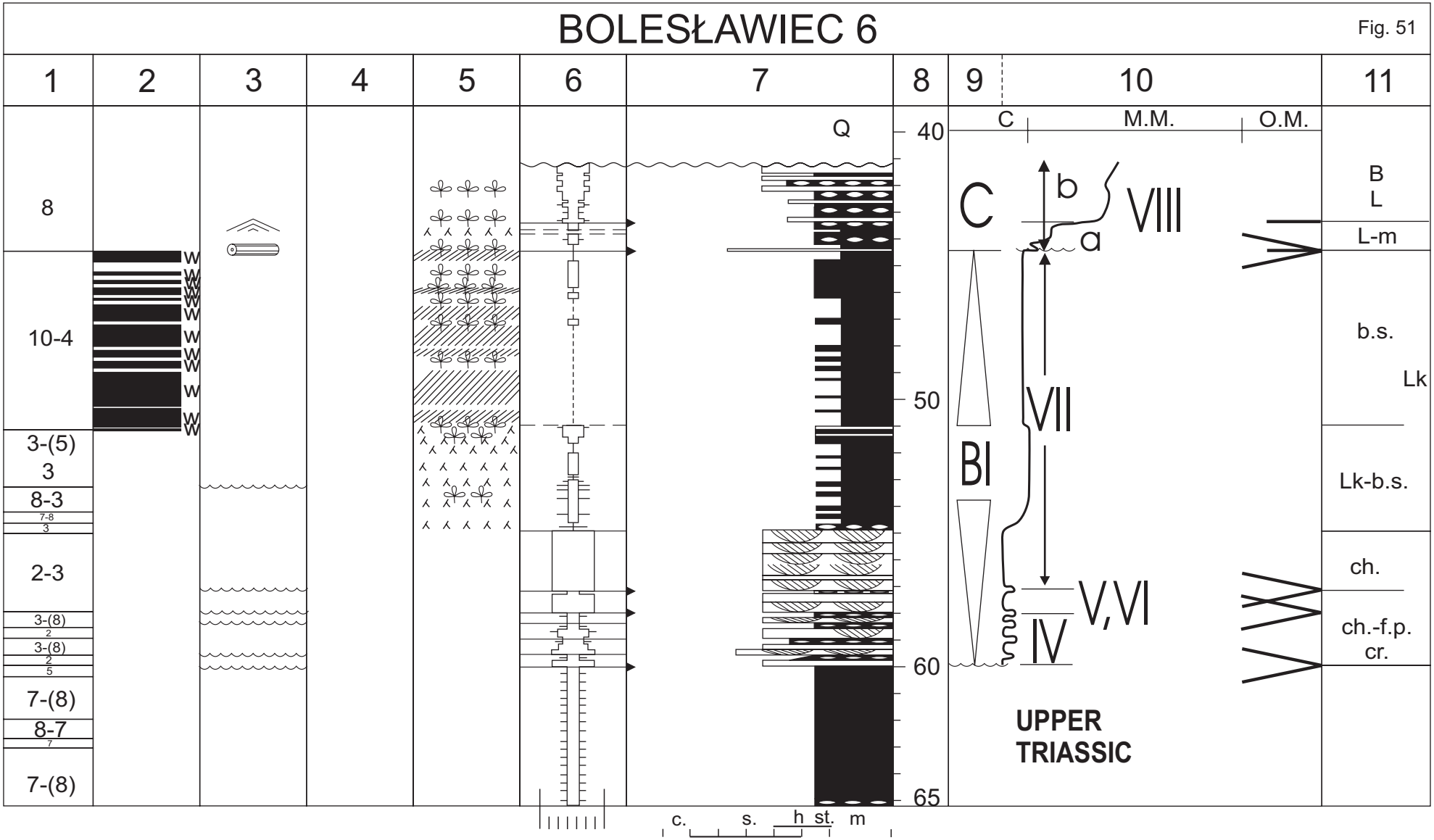
ŁĘKA OPATOWSKA 7

Fig. 50



BOLESŁAWIEC 6

Fig. 51



NOWA WIEŚ 12

Fig. 52

1 | 2 | 3 | 4 | 5 | 6 | 8 | 9 | 10 | 11

Q

?

?

?

C M.M. O.M.

MIDDLE JURASSIC

B IX + X

d

C

C VIII

b

a

VII

VI

BI

V

IV

10 20 30 40 50 60 70 90 100 110 120

2-5 | 2 | 3-2 | 2-3 | 2-6 | 2-5 | 6 | 8 | 8-4 | 8 | 4 | 8 | 3-8 | 5 | 8-2-5 | 7-5 | 2 | 2-7a-8 | 5-8 | 5-7 | 8 | 3-8 | 8 | 2-7a-8 | 8-4-5 | 3 | 8 | 3-8 | 4-(8) | 4-8 | 8-4 | 3-8 | 3-4 | 4-8 | 3 | 8-4 | 4-3 | 3 | 4-8-5 | 8-3-5 | 8 | 8-3 | 4-8 | 3-4-8 | 3 | 4-8 | 3-4-8 | 4-3 | 3 | 3-4-8 | 3 | 2-3 | 3-2 | 3 | 3-2 | 5 | 2-5 | 7a | 2-(3)-(5) | 3 | 2-5 | 5 | 2-5 | 2 | 2-5 | 3 | 2

w

s

s

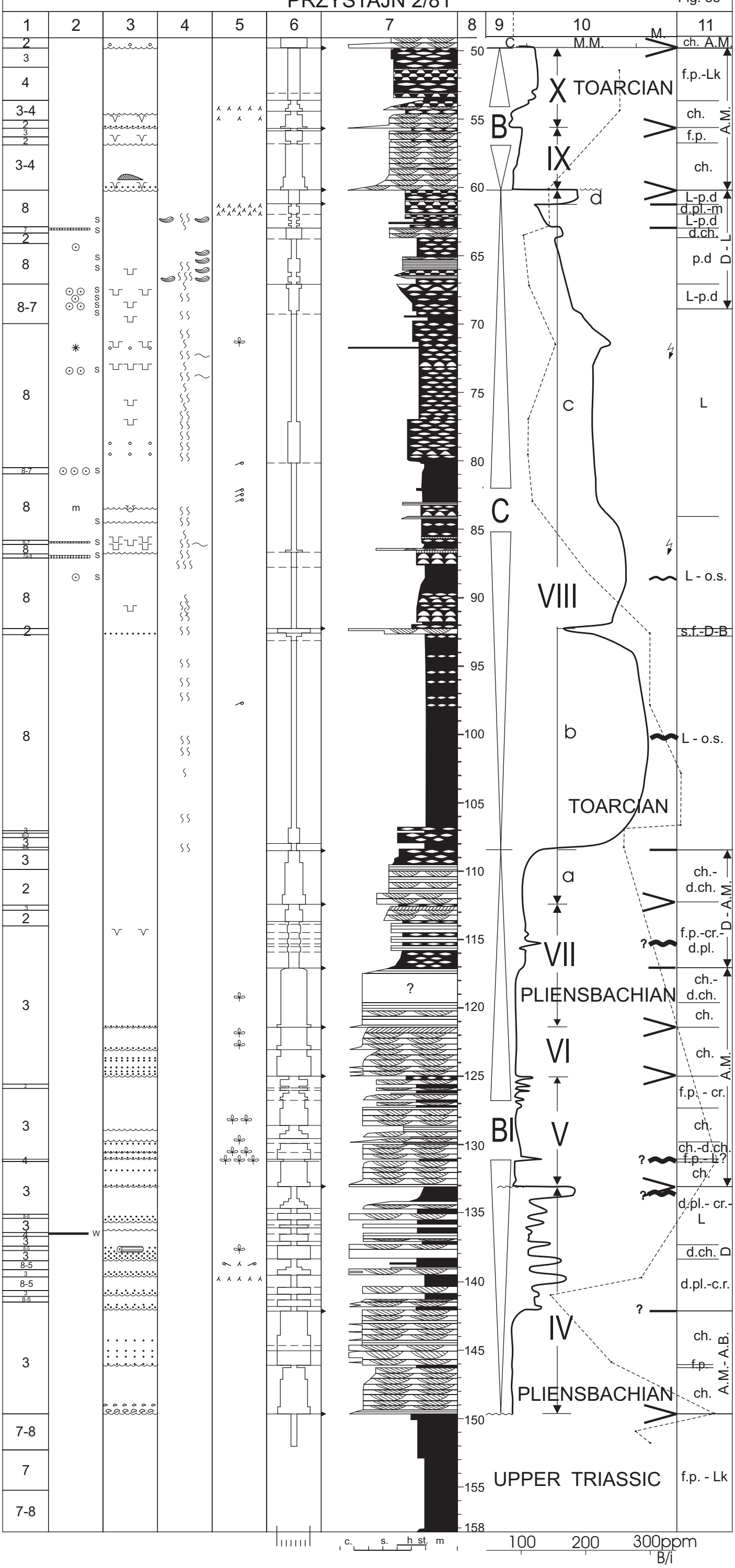
p

s.f.-?
f.s.?
S
o.s.
ch.
A.M.
ch.-(d.ch.)
b.s.-
-(m)
L.-L.k.
d.p.l.
m-b.s.-
-L
D-L
d.ch.
p.d.-f.d.
p.d.
o.s.-L
S-Dsf.-f.d.
S.L.
s.f.-o.s.
p.d.-f.d. S-D
o.s.-L
S-D s.f.-f.d.
o.s.-p.d.
o.s.-L
L
ch. -
d.ch. A.M.
s.f.-o.s.-
L S-
L
f.s.-s.f.
ch.-d.ch
ch. A.M.-D
ch.
ch.
ch.
ch.
f.p.
ch.
ch. A.M.

c. s. h st. m

PRZYSTAJŃ 2/81

Fig. 53



WRĘCZYCA 3/81

Fig. 54

1 | 2 | 3 | 4 | 5 | 6 | 8 | 9 | 10 | 11

C | M.M. | O.M.

MIDDLE JURASSIC

TOARCIAN

IX + X

d

c

VIII

b

TOARCIAN

a

V+VI+VII

PLIENSBACHIAN

IV

UPPER TRIASSIC

BI

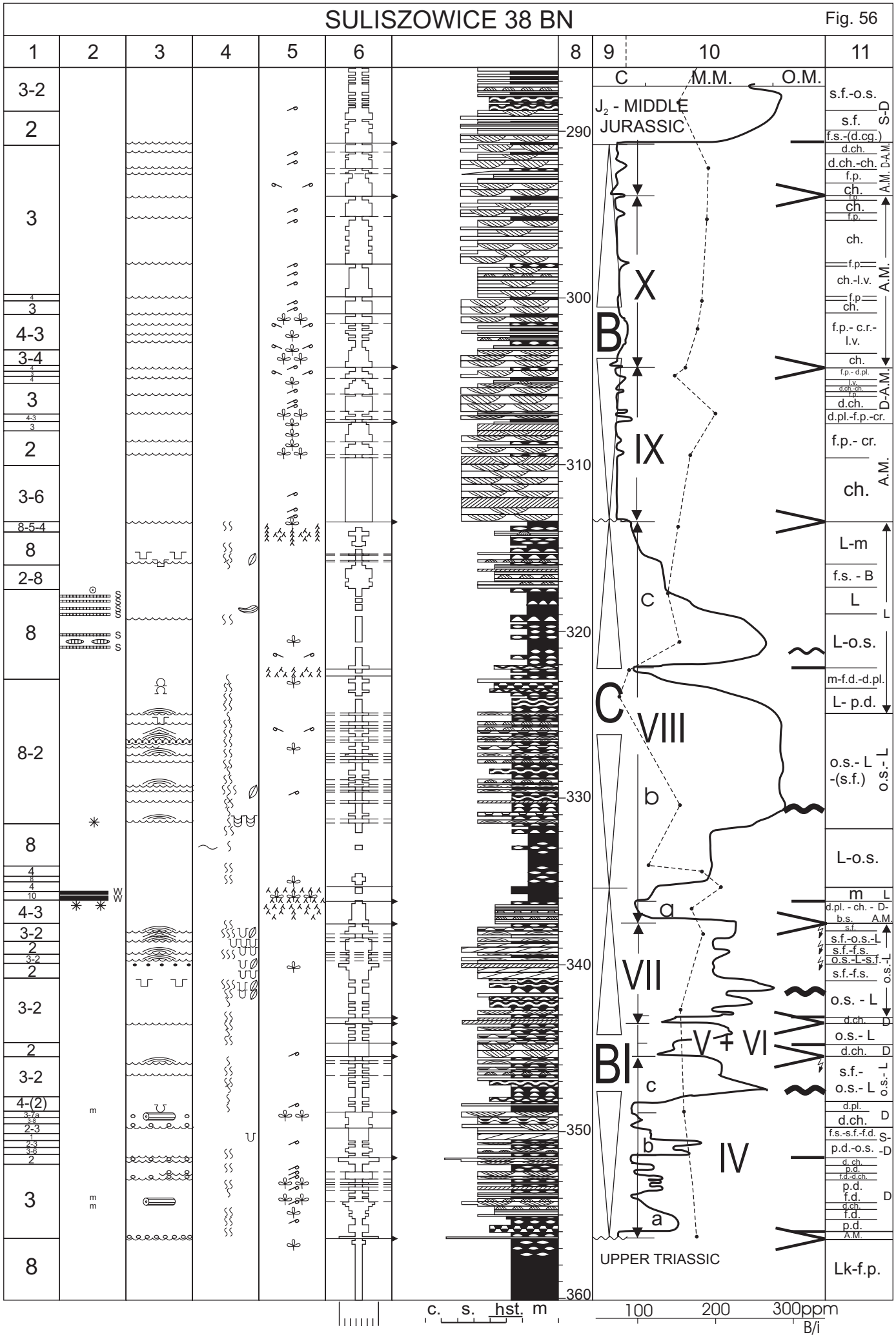
B

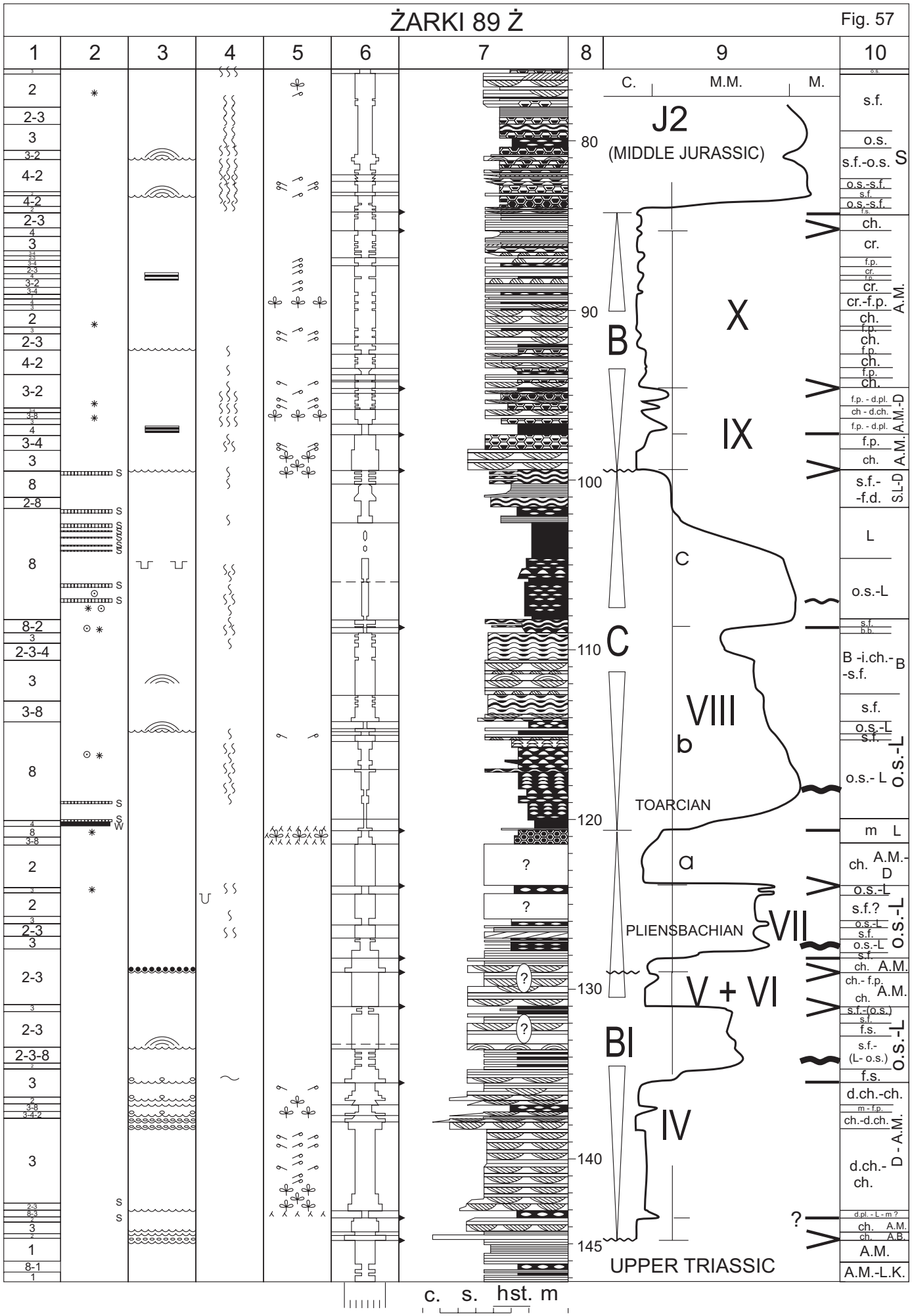
C

60 70 80 90 100 110 120 130 140 150 160

c. s. h st. m

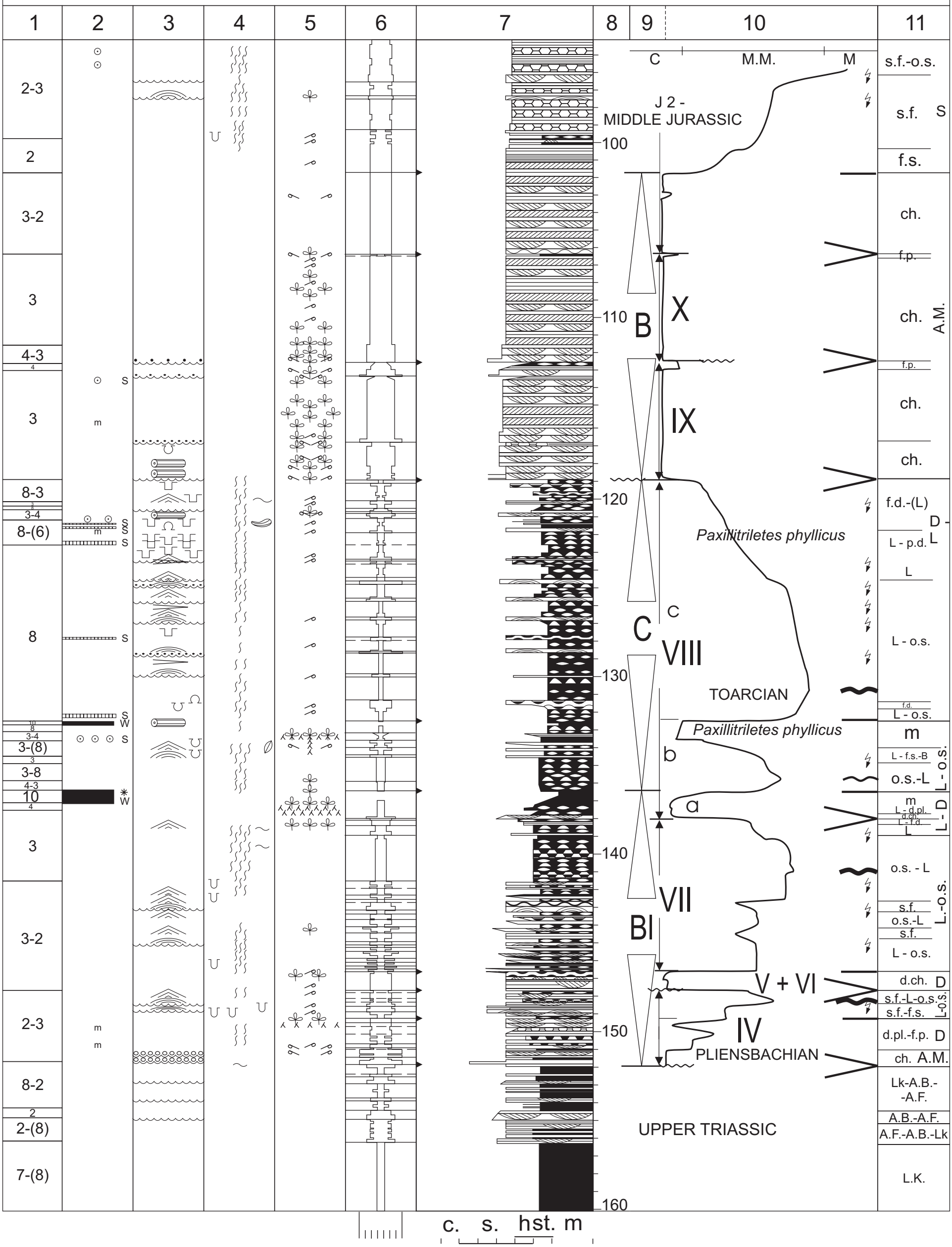
A.M. | D-L | S-B | D | S | A.M.-B.P. | A.F.-B.R.

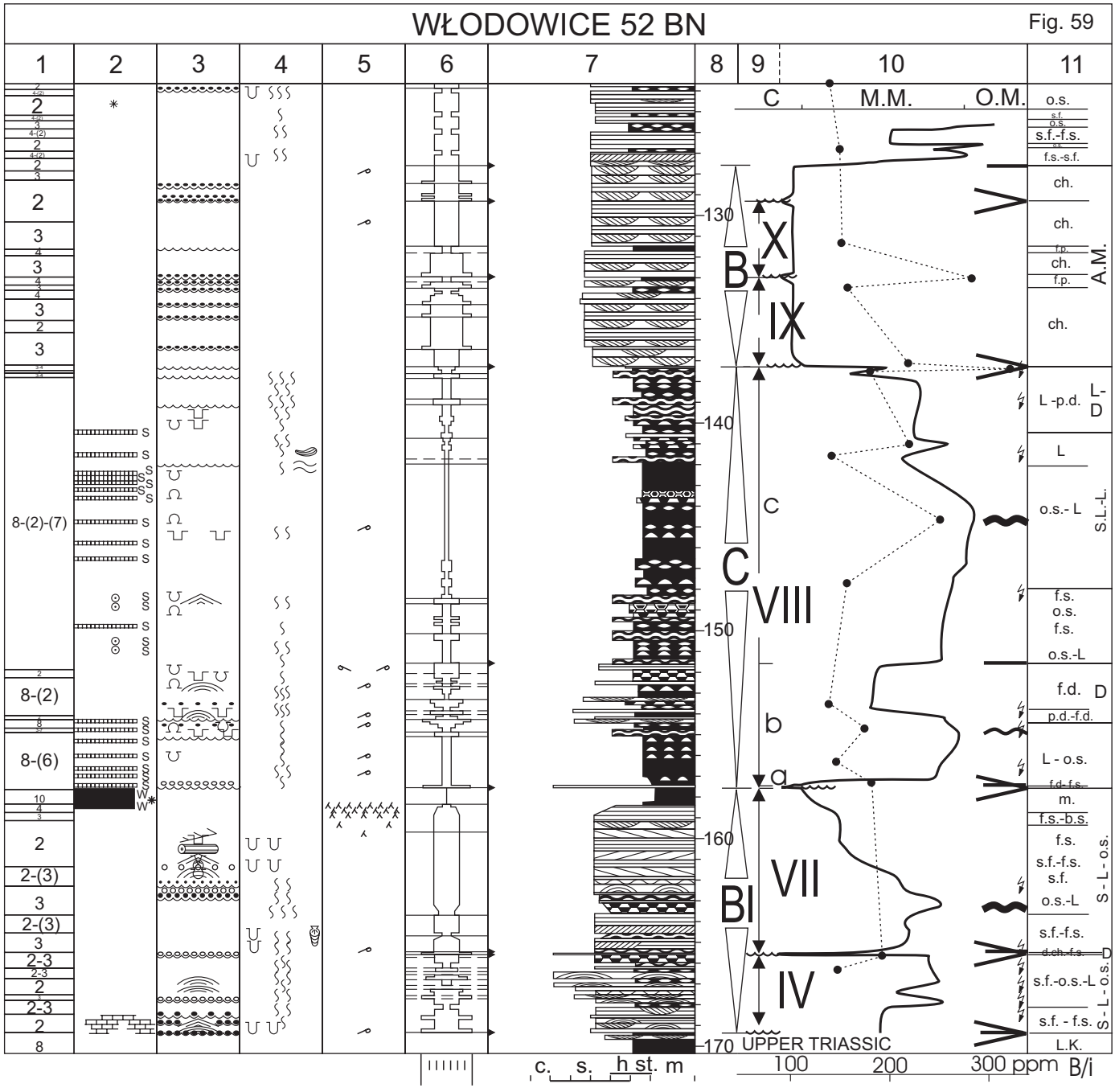

SULISZOWICE 38 BN
Fig. 56
1
2
3
4
5
6
8
9
10
11
C
M.M.
O.M.
J2 - MIDDLE JURASSIC
UPPER TRIASSIC
290
300
310
320
330
340
350
360
X
B
IX
VIII
C
b
a
VII
V + VI
BI
c
b
IV
s.f.-o.s.
s.f.
f.s.-(d.cg.)
d.ch.
d.ch.-ch.
f.p.
ch.
ch.-l.v.
f.p.- c.r.- l.v.
f.p.- d.pl.
d.pl.-f.p.-cr.
f.p.- cr.
L-m
f.s. - B
L
L-o.s.
m-f.d.-d.pl.
L- p.d.
o.s.- L -(s.f.)
m
d.pl. - ch. - b.s.
s.f.-o.s.-L
s.f.-f.s.
o.s.-L-s.f.
o.s. - L
s.f.-o.s.- L
d.pl.
f.s.-s.f.-f.d.
p.d.-o.s.
p.d.
f.d.
Lk-f.p.
S-D
D-A.M.
A.M.
L
o.s.-L
D
c. s. hst. m
100
200
300ppm
B/i


ŻARKI 89 Ż
Fig. 57
1
2
3
4
5
6
7
8
9
10
C.
M.M.
M.
J2
(MIDDLE JURASSIC)
80
90
100
110
120
130
140
145
B
C
BI
X
IX
VIII
VII
V + VI
IV
TOARCIAN
PLIENSBACHIAN
UPPER TRIASSIC
c
b
a
c. s. hst. m

JAWORZNIK 132 Ż

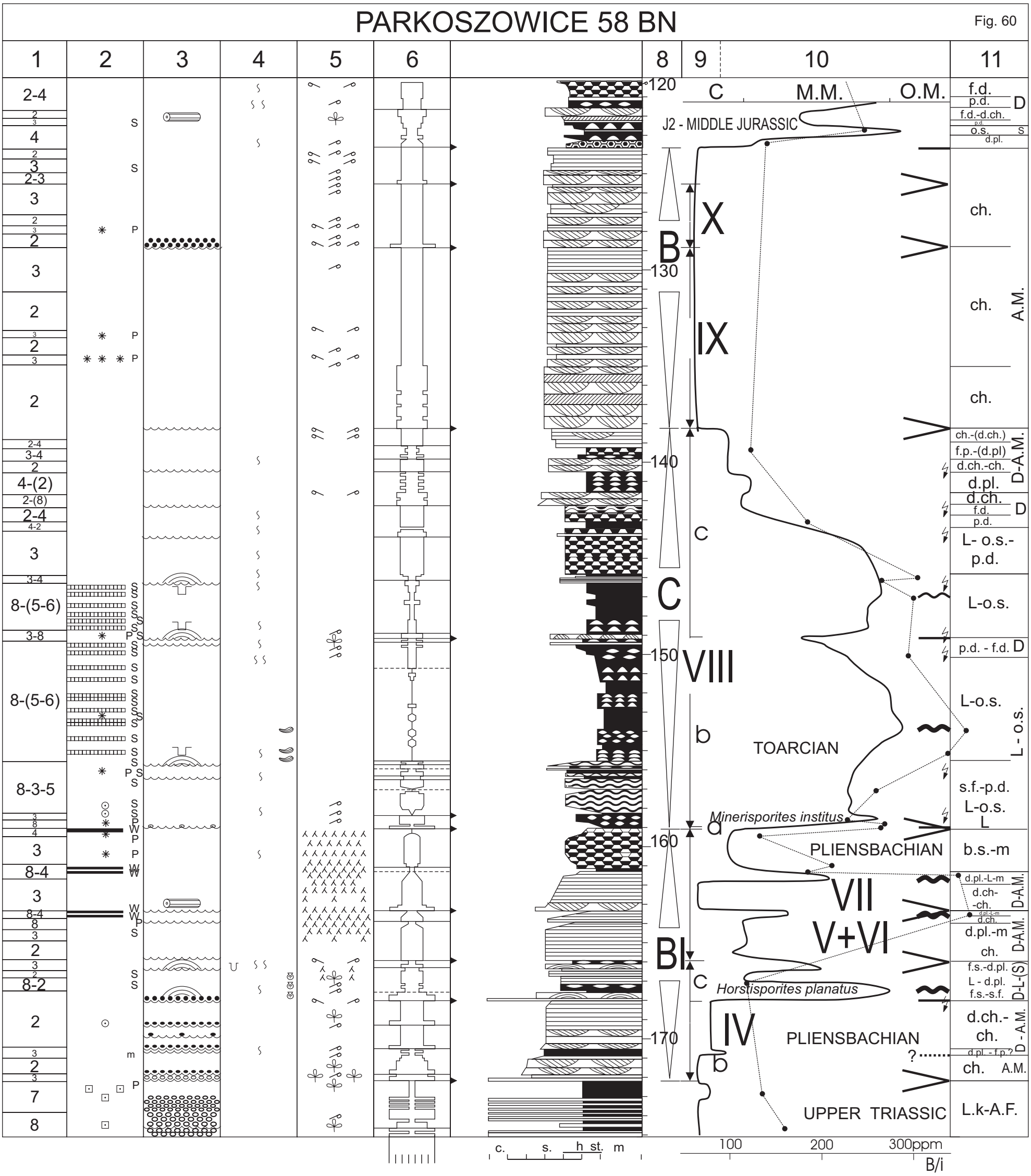
Fig. 58




WŁODOWICE 52 BN
Fig. 59
1
2
3
4
5
6
7
8
9
10
11
C
M.M.
O.M.
o.s.
s.f.
s.f.-f.s.
f.s.-s.f.
ch.
f.p.
A.M.
L -p.d.
L-D
L
o.s.- L
S.L.-L.
f.s.
o.s.
f.s.
o.s.-L
f.d.
D
p.d.-f.d.
L - o.s.
f.d.-f.s.
m.
f.s.-b.s.
f.s.
s.f.-f.s.
s.f.
o.s.-L
S - L - o.s.
s.f.-f.s.
d.ch.-f.s.
s.f.-o.s.-L
s.f. - f.s.
L.K.
130
140
150
160
170
X
B
IX
c
C
VIII
b
a
VII
BI
IV
V
UPPER TRIASSIC
8-(2)-(7)
8-(2)
8-(6)
2-(3)
2-3
c.
s.
h st.
m
100
200
300 ppm
B/i

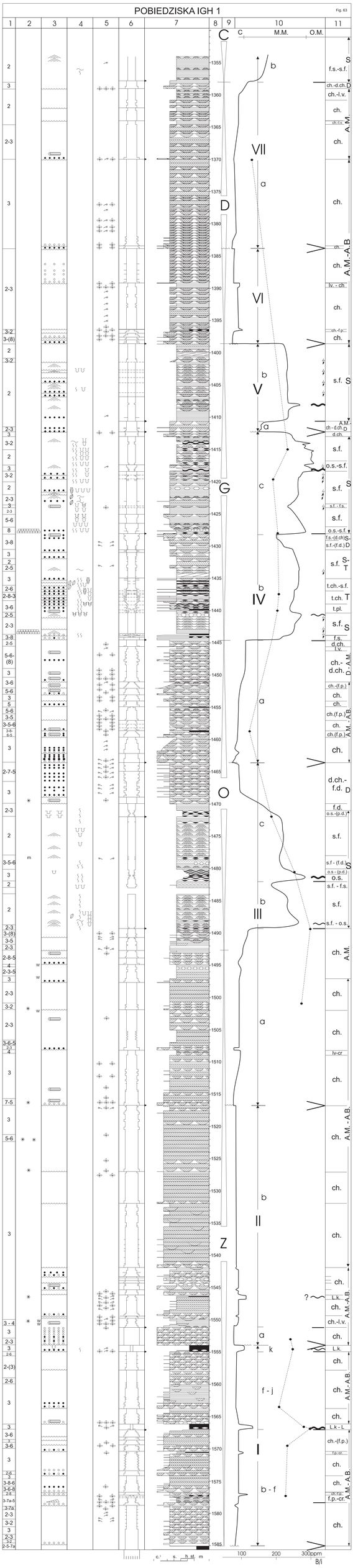
PARKOSZOWICE 58 BN

Fig. 60

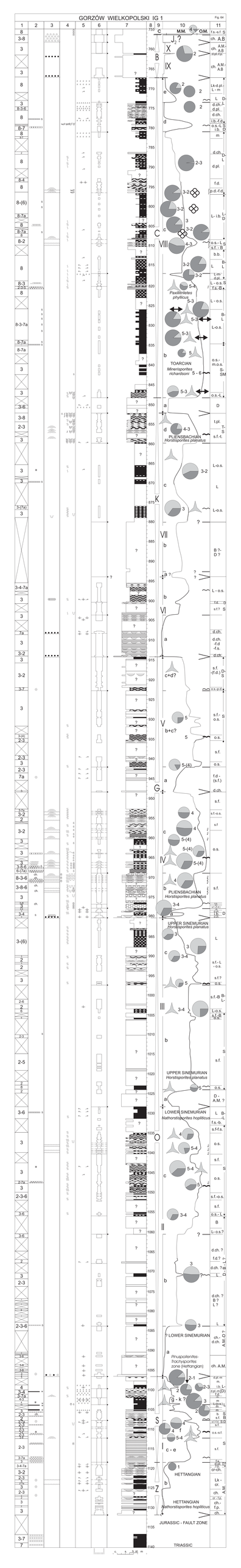


POBIEDZISKA IGH 1

Fig. 63



GORZÓW WIELKOPOLSKI IG 1



BARTOSZYCE IG 1

fig. 66

1 2 3 4 5 6 7 8 9 10 11

C. M.M. M.

m.o.s. S.M.

D?

L

B ?

L-o.s.

m

L-d.pl.

ch.

A.M.

3-4-6

8

3-8

8

2-7a

8

8-7

3-4

8

3-8

4

3-8

4-3

3-8

3-8-(4)

2

3

3

w

w

3-6

3

700 705 710 715 720 725 730 735 740 745 750 755 760 765 770 775 780 785 790 795 800 805 810 815 820 825

?

J 2

6-5

3-5

2-3

B

IX+X

C

3-2

VIII

3-4

2

2-3

s.f. B

L-m. L

B-s.f.

L-o.s.

B-s.f. L-

L o.s.

B-s.f.

4

2

3-2

2

L-m. L

d.-pl.

L-o.s.

b

2-3

2-3

3-4

TOARCIAN

D

f.d.-d.ch.

d.pl.-f.k.

2

Paxillitriletes phyllicus

s.f. S

a

? A.M.-D

UPPER PLIENSBACHIAN

VII

ch.

A.B.

f.p.

ch. A.M.

1

VI

ch.

UPPER PLIENSBACHIAN

OL

LOWER PLIENSBACHIAN

f.p.-l.v.-c.r.

1

V

ch.-f.p.

1

Erlansonisporites reticulatus

f.p.

A.M.

ch.

1-2

1

1

1-2

IV

f.p.

ch.

f.p.-d.pl.

ch-d.ch.

D

A.M.

f.p.-d.pl

ch-d.ch

f.p.

ch.

d.ch. D

2-3

5-6

o.s.-L

d.ch.- f.s.

S

L-o.s.

d.ch. D

LOWER PLIENSBACHIAN

ch. A.M.

A.B.

1

UPPER TRIASSIC

f.p.

c. s. h st. m