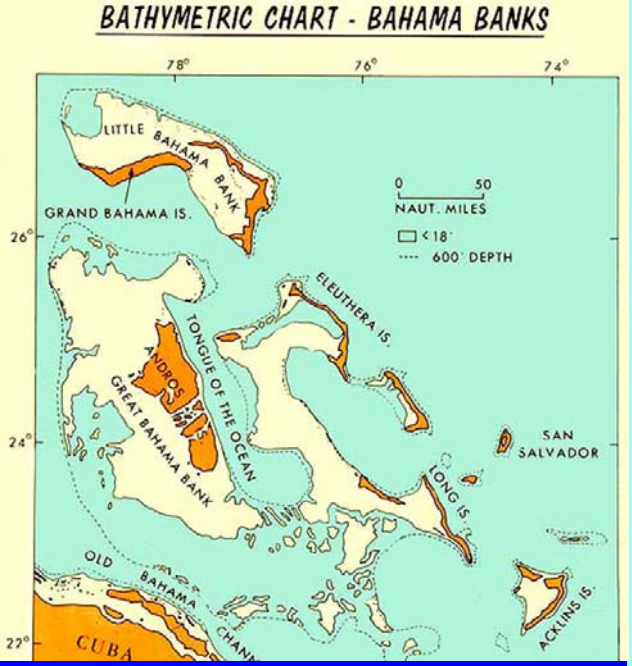
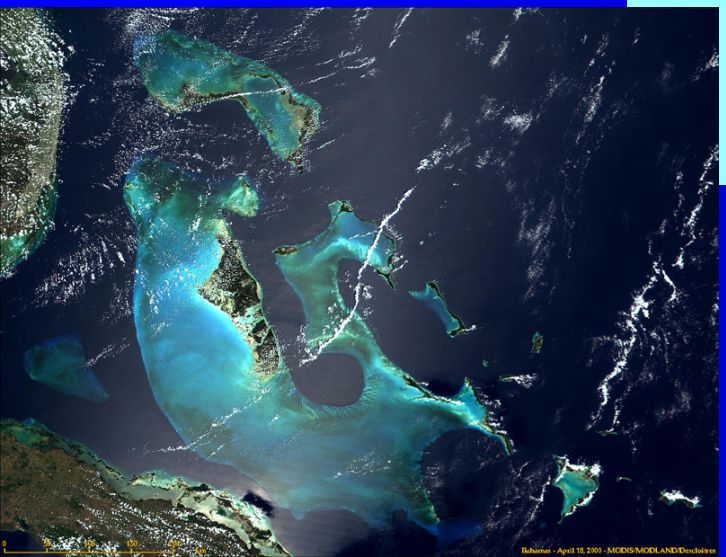
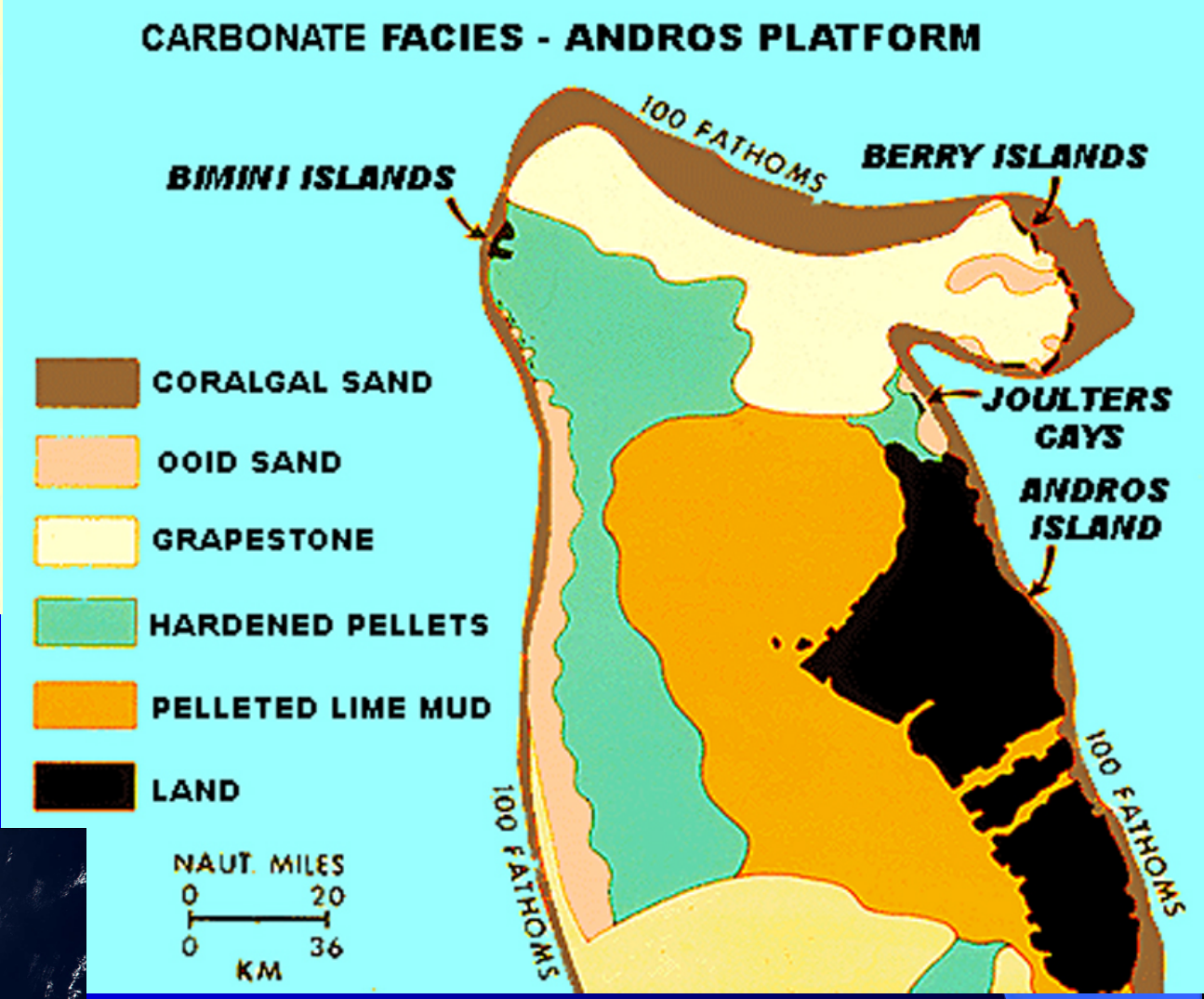
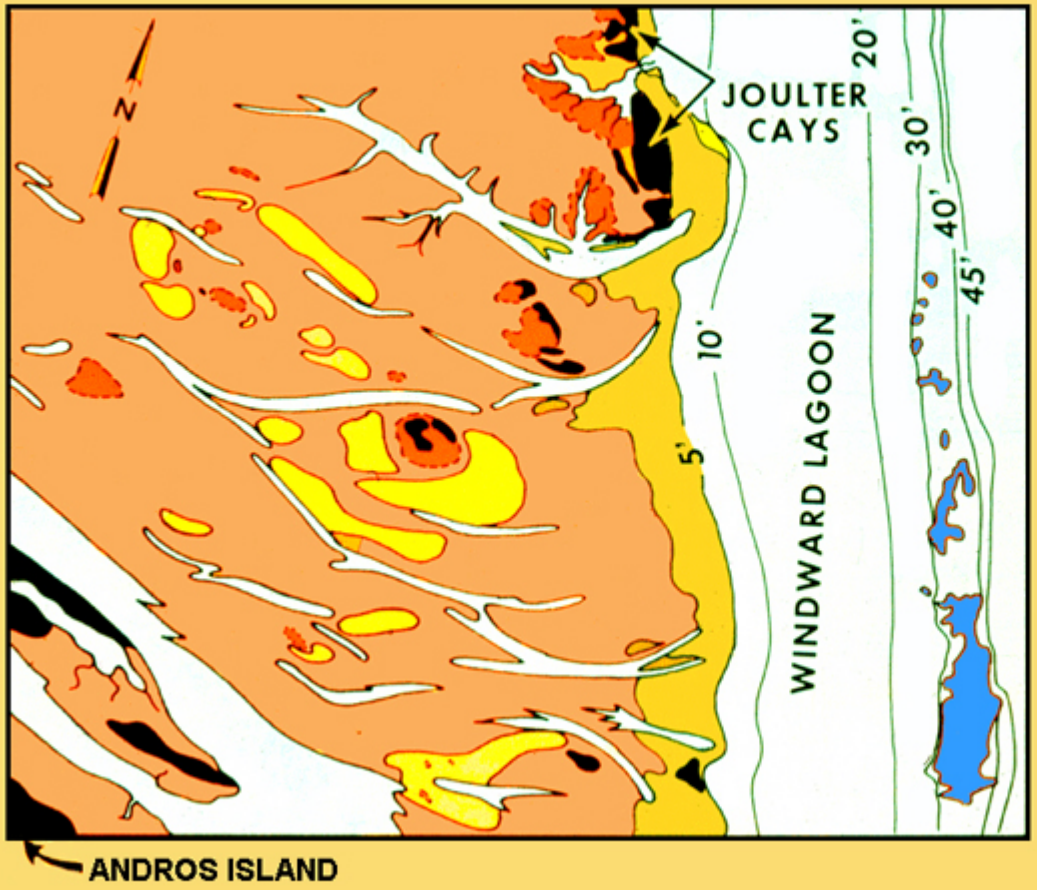

BATHYMETRIC CHART - BAHAMA BANKS
78°
76°
74°
26°
24°
22°
LITTLE BAHAMA BANK
GRAND BAHAMA IS.
0 50
NAUT. MILES
< 18'
600' DEPTH
ELEUTHERA IS.
TONGUE OF THE OCEAN
ANDROS I.
GREAT BAHAMA BANK
SAN SALVADOR
LONG IS.
OLD BAHAMA CHAN.
CUBA
ACKLINS IS.




CARBONATE FACIES - ANDROS PLATFORM
BIMINI ISLANDS
100 FATHOMS
BERRY ISLANDS
JOULTERS CAYS
ANDROS ISLAND
CORALGAL SAND
OOID SAND
GRAPESTONE
HARDENED PELLETS
PELLETED LIME MUD
LAND
NAUT. MILES
0 20
0 36
KM
100 FATHOMS
100 FATHOMS

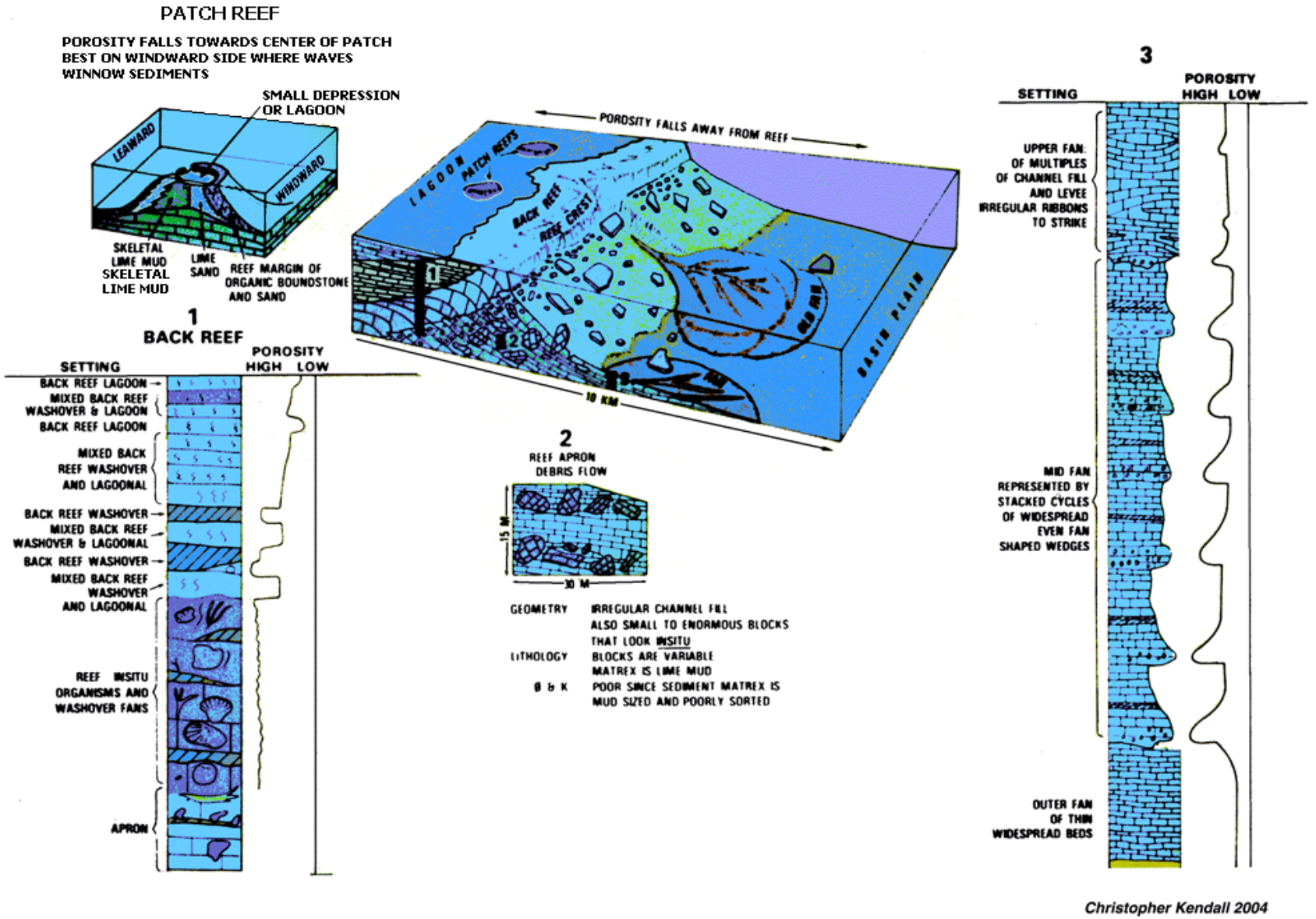
FACIES DISTRIBUTION - JOULTER CAYS AREA
GREAT BAHAMA BANK



GRAPESTONE BAR
STABLE FLAT
TIDAL CHANNEL (5-10')
TIDAL FLAT
OOLITE BAR
REEF
LAND

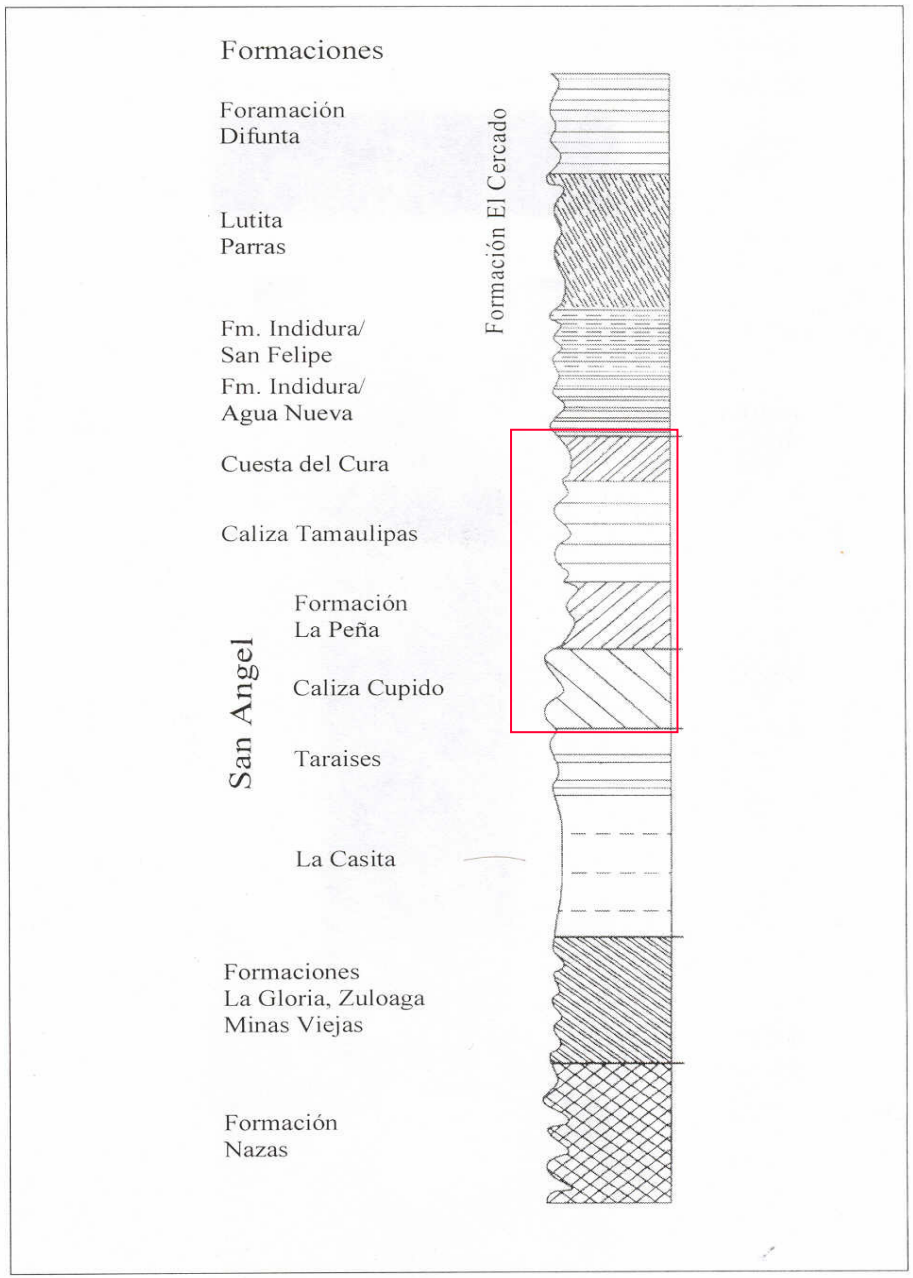
0 2 MILES
0 3 KM

Slope and Margin Carbonates



Christopher Kendall 2004


Sierra El Mulato
Cañon El Alamo

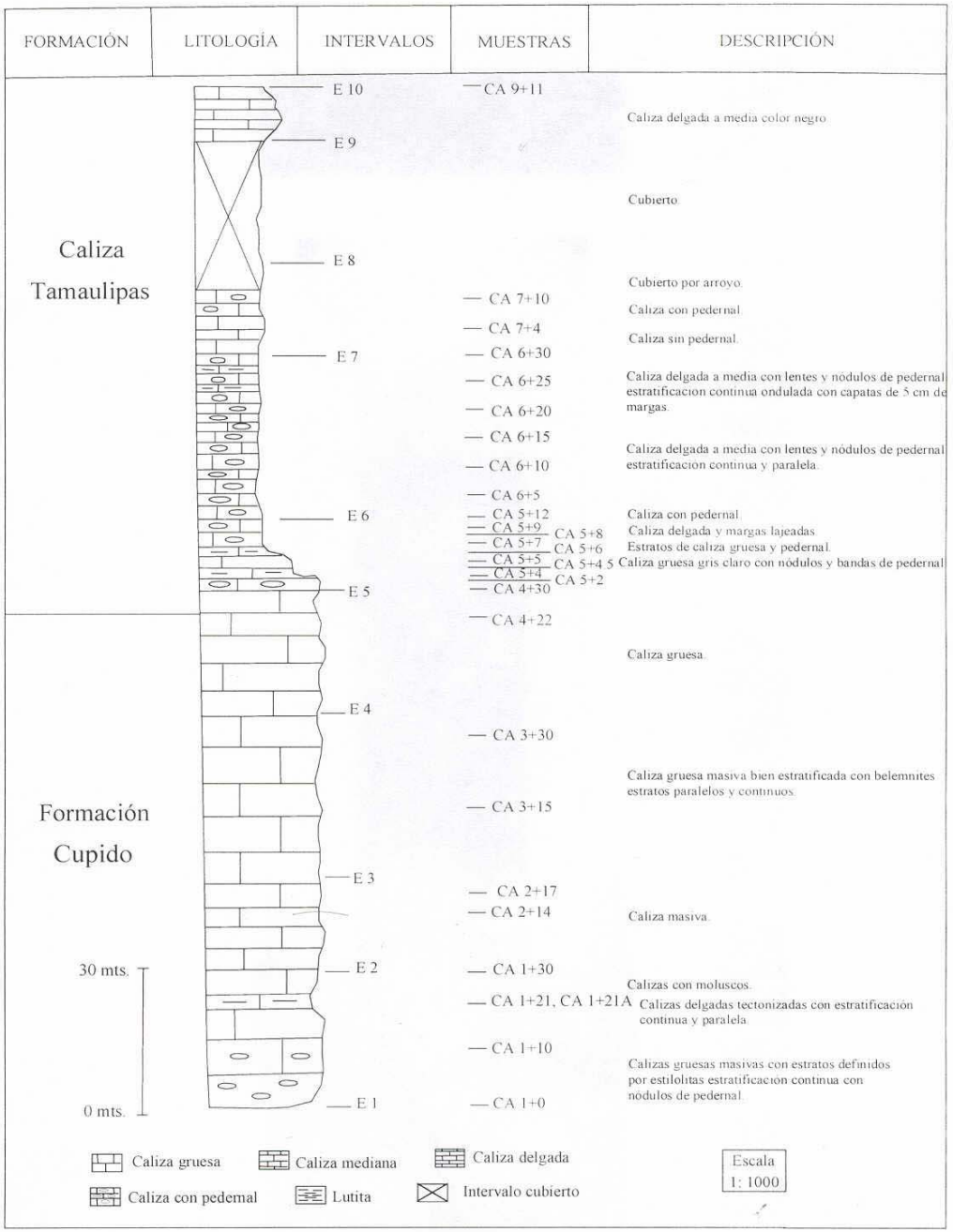


Longoria et. al. (1998).

Formación Cupido.
Eje de Anticlinal San Juan Bautista.

Caliza Tamaulipas, calizas con pedernal Cañón el Álamo, Sierra San Juan Bautista Nuevo León.

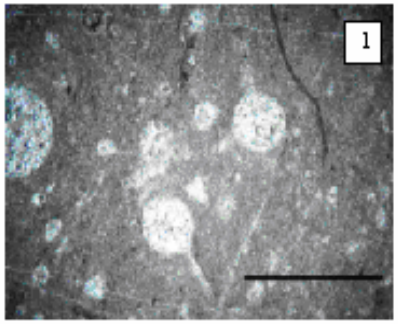
CAÑÓN EL ÁLAMO

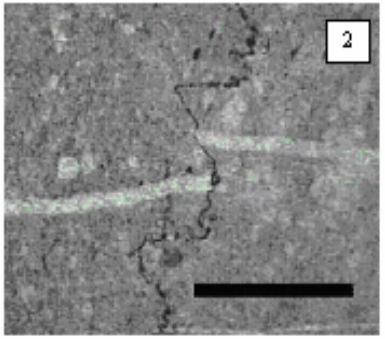


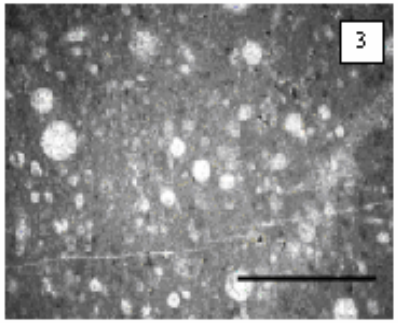
MICROFACIES

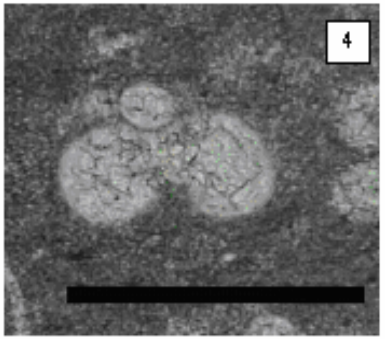
MICROFACIES		MFI	MF2	MF 3		MF 2				MF4				MF5	
FORMACIÓN				Formacion cupido								C.Tamaulipas			
NUMERO DE MUESTRA		1•0	1•10	1•21	1•21A	1•30	2•14	2•17	3•15	3•30	4•22	4•30	5•2	5•4	5•4.5
TEXTURA	MUDSTONE		float	X	X	float							X		
	WACKESTONE	X	sto			sto		X	X	X	X	X			X
	PACKSTONE		ne			ne								X	X
	GRAINSTONE						X								
ALOQUIMICOS	INTRACLASTOS		S	S		S	S	F		F	S				S
	OOLITAS														
	PELETS		S	S	S	S	?	?		S	S				S
	CORTOIDES														
	CALCIESFERAS	S						S	R		A	F	A	A	A
	CALPIONELIDOS							F	F	F	F	F		S	S
	RADIOLARIOS	A													
	ESPONGAS														
	CORALES														
	ANELIDOS		R												
	BRIOZOARIOS														
	EQUINODERMOS		F	S	S	S	S	S	S	S	S	S	S	F	S
	ESPINAS DE EQUINODERMOS		S	R	R	R	R	S							
	CRINOIDES		S	R					S	S					
	PK CRINOIDES														
	BRAQUIOPODOS		S	S	S	F	F	S		S	S	S		S	S
	FORAM. ROTALIDO PK	S		R	R			F	F	F	F	A	F	F	F
	FORAM. ROTALIDO BT	S	F	S	S	F	F	F	R	S		R	R	R	R
	FORAM. MILIOLIDOS		F	F	S	R	F								
	FORAM. ORBITOLINIDOS														
	OSTRACODOS		S	F	F	R	S	F	F	A	S	S	S	S	S
	MOLLUSCOS														
	BIVALVOS														
	GASTEROPODOS														
	CEFALOPODOS														
	ALGA ROJA														
	ALGA VERDE		R												
PARTICULAS TERRIGENAS															
MINERALES AUTIGENICOS				T	T						T		T		R

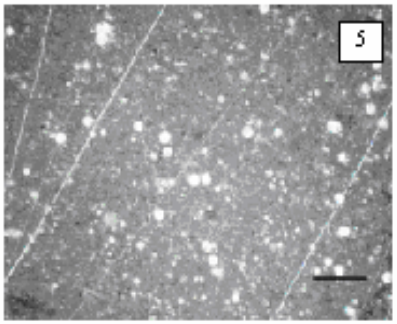
MICROFACIES			MF 5		MF 1				MF6				MF1		
FORMACIÓN						Caliza Tamaulipas									
NUMERO DE MUESTRA		5•6	5•7A	5•8	5•9	5•12	6•5	6•10	6•15	6•20	6•25	6•30	7•4	7•10	9•11
TEXTURA	MUDSTONE						X	X	X	X	X	X	X	X	X
	WACKESTONE	X	X	X	X	X									
	PACKSTONE														
	GRAINSTONE														
ALOQUIMICOS	INTRACLASTOS	F	S												
	OOLITAS														
	PELETS	F	S												
	CORTOIDES														
	CALCIESFERAS	F	A	F	S	F						F	A	A	S
	CALPIONELIDOS	S	S	S											
	RADIOLARIOS				A	S	R	R	A	A	A	F?	F	S	F
	ESPONGAS														
	CORALES														
	ANELIDOS														
	BRIOZOARIOS														
	EQUINODERMOS	S		S	R	R			R						
	ESPINAS DE EQUINODERMOS														
	CRINOIDES														
	PK CRINOIDES														
	BRAQUIOPODOS	F	R	S	R	R									
	FORAM. ROTALIDO PK	A	F	S	R	R	S	S	S	S	S	S	S	R	S
	FORAM. ROTALIDO BT	S	S	R	T	T		T		S					
	FORAM. MILIOLIDOS														
	FORAM. ORBITOLINIDOS														
	OSTRACODOS	F	R	R					S	R	S	S	S		S
	MOLLUSCOS														
	BIVALVOS														
	GASTEROPODOS														
	CEFALOPODOS														
	ALGA ROJA														
	ALGA VERDE														
PARTICULAS TERRIGENAS															
MINERALES AUTIGENICOS			S	S	S	S	R	R	R	F	S	S	S	R	R

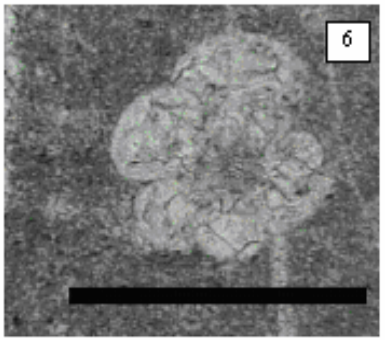


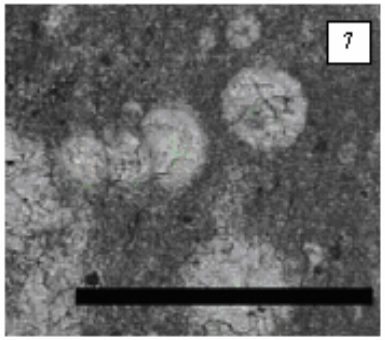


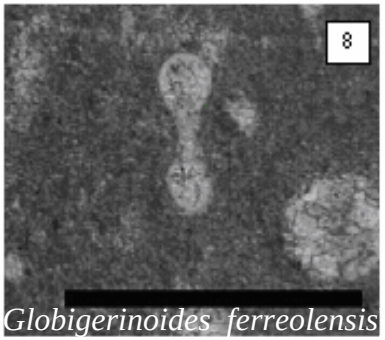










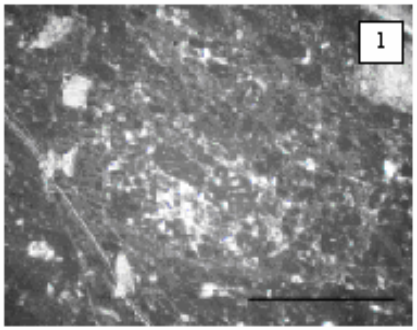


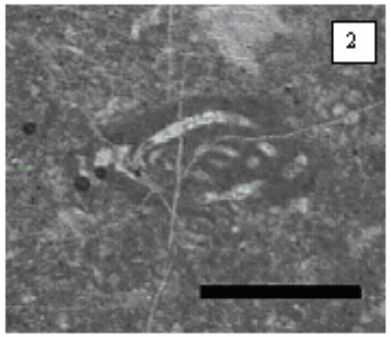
Globigerinoides ferreolensis

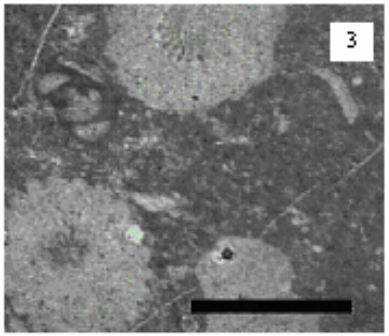
Microfacies 1

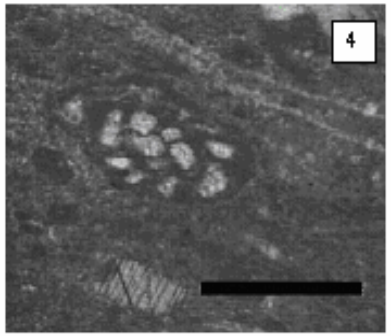
Wackestone y mudstone de calciesferas y radiolarios calcificados.
foraminíferos planctónicos, ostrácodos y foraminíferos bentónicos.

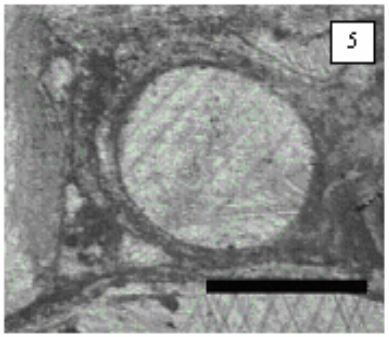
Nerítico externo a pelágico.

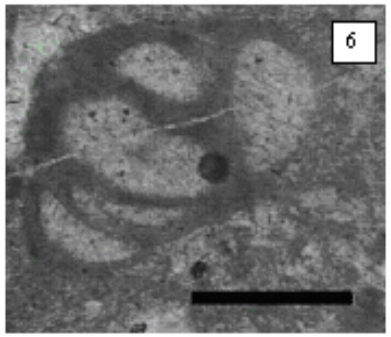


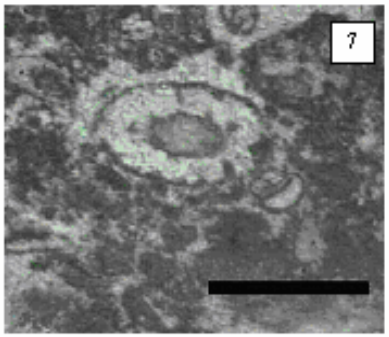


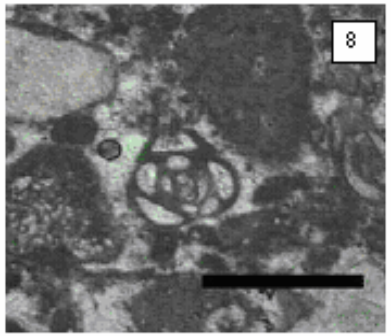








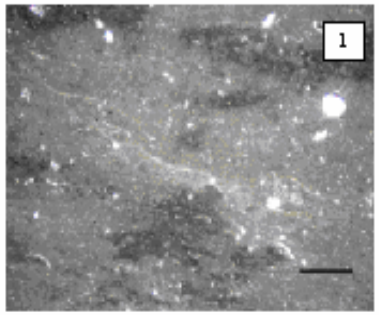
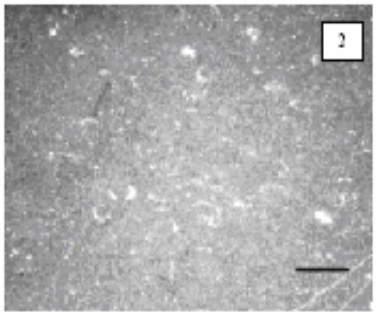
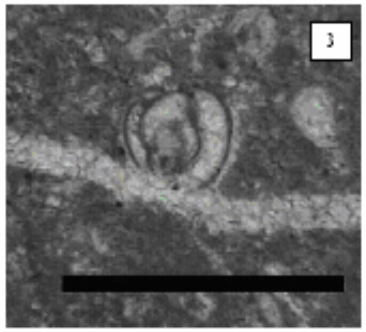
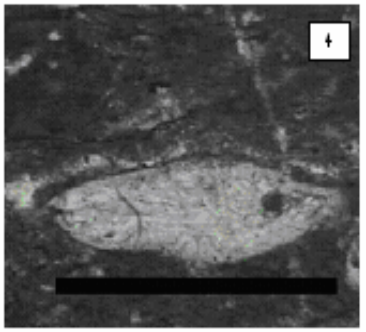
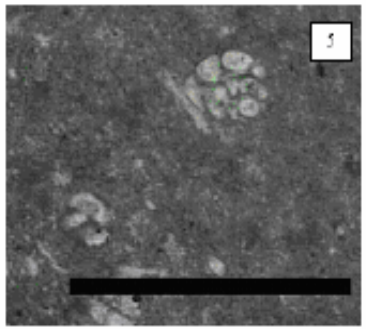
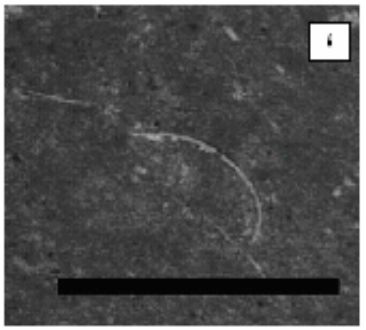
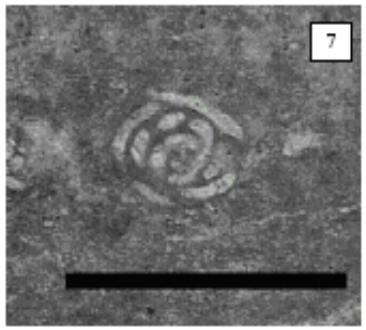
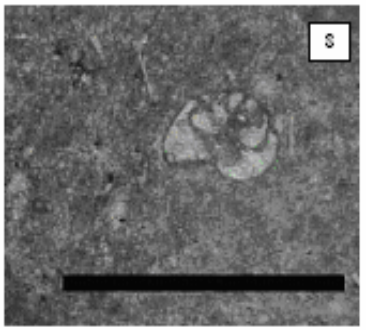




Microfacies 2

Wackestone y grainstone de foraminíferos bentónicos, miliólidos y braquiópodos. Ostrácodos, equinodermos, pelets e intraclastos y espinas de equinodermos.

Nerítico medio con desarrollo de lagunas y bancos.

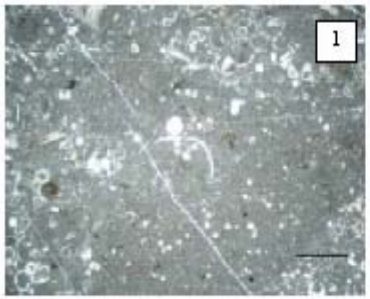









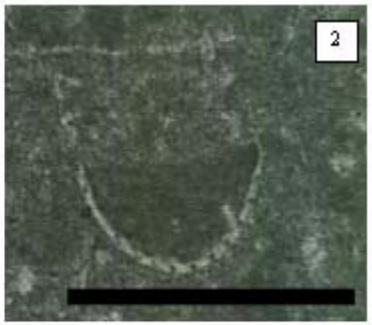
Microfacies 3

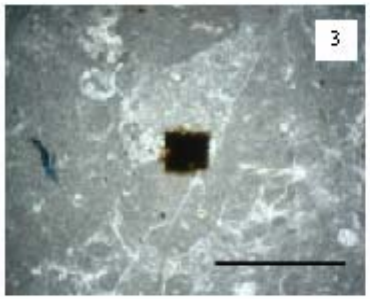
Mudstone de miliólidos y ostrácodos,

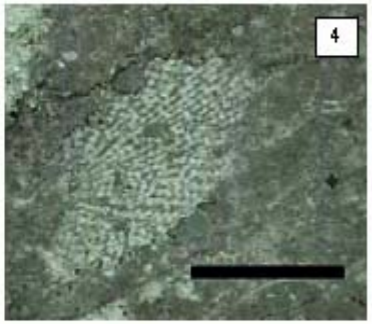
Foraminíferos bentónicos, braquiópodos, equinodermos, pelets e intraclastos, foraminíferos planctónicos, crinoides, espinas de equinodermos.

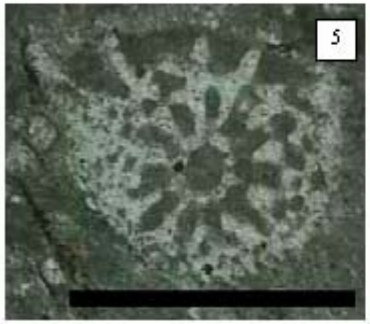
Nerítico medio con desarrollo de lagunas.



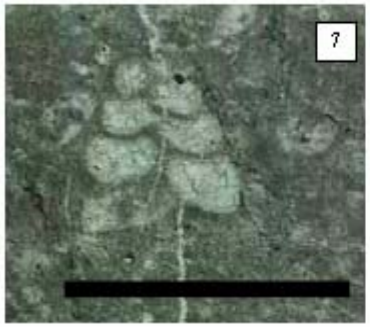


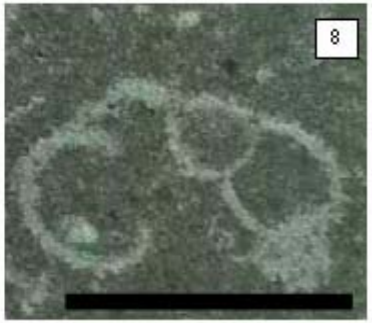






(*Colomiella mexicana*),

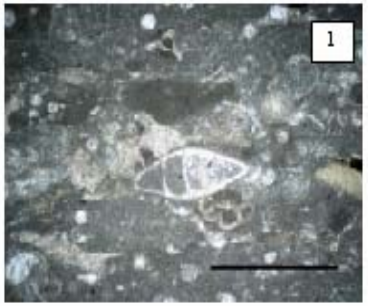


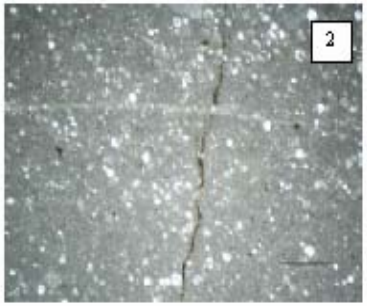


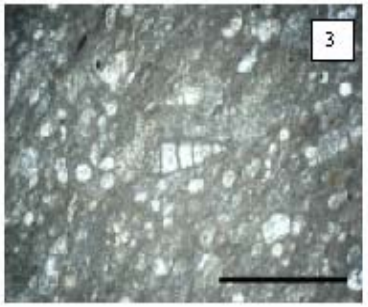
Microfacies 4

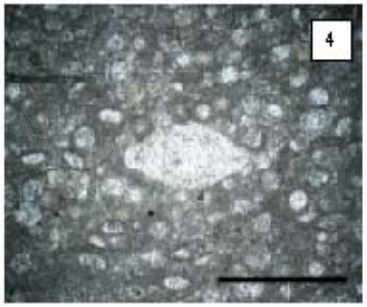
Wackestone de foraminíferos planctónicos, calpionelidos y ostrácodos. Pelets e intraclastos, foraminíferos bentónicos, calciesferas, braquiópodos, crinoides, equinodermos y espinas de equinodermos.

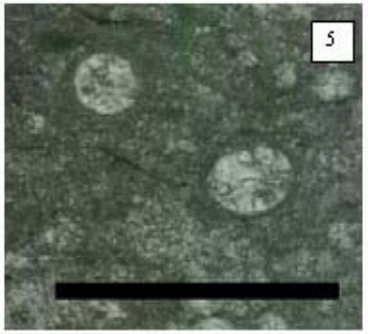
Nerítico externo.

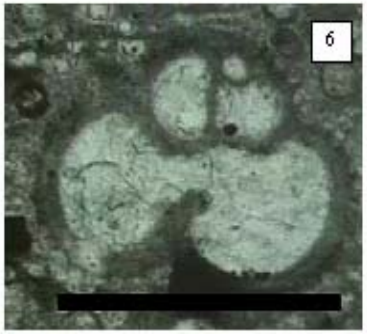


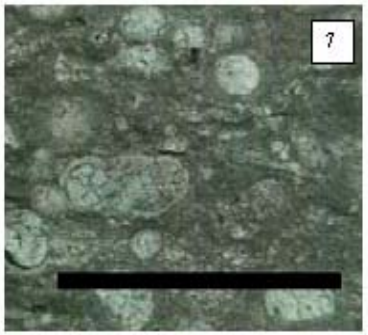


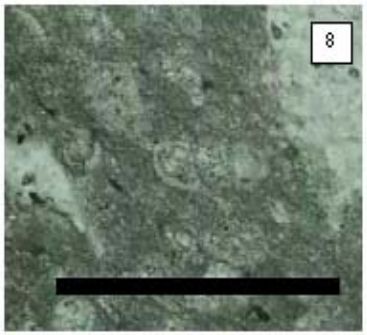








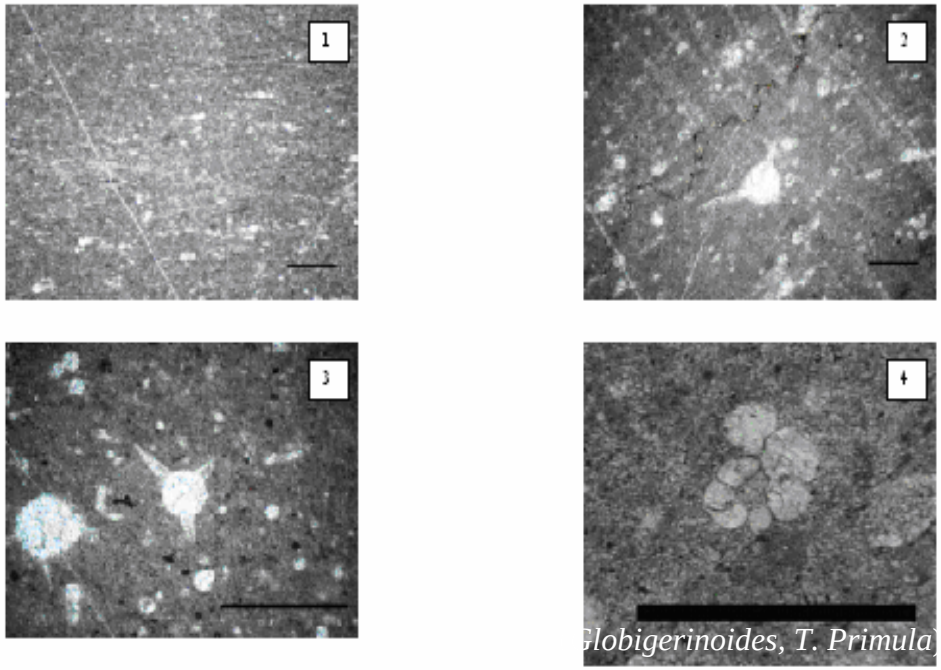




Microfacies 5

Wackestone-packstone de calcisferas y foraminíferos planctónicos.
Calpionelidos, ostrácodos, equinodermos, braquiópodos, pelets e intraclastos y foraminíferos bentónicos.

Nerítico externo.

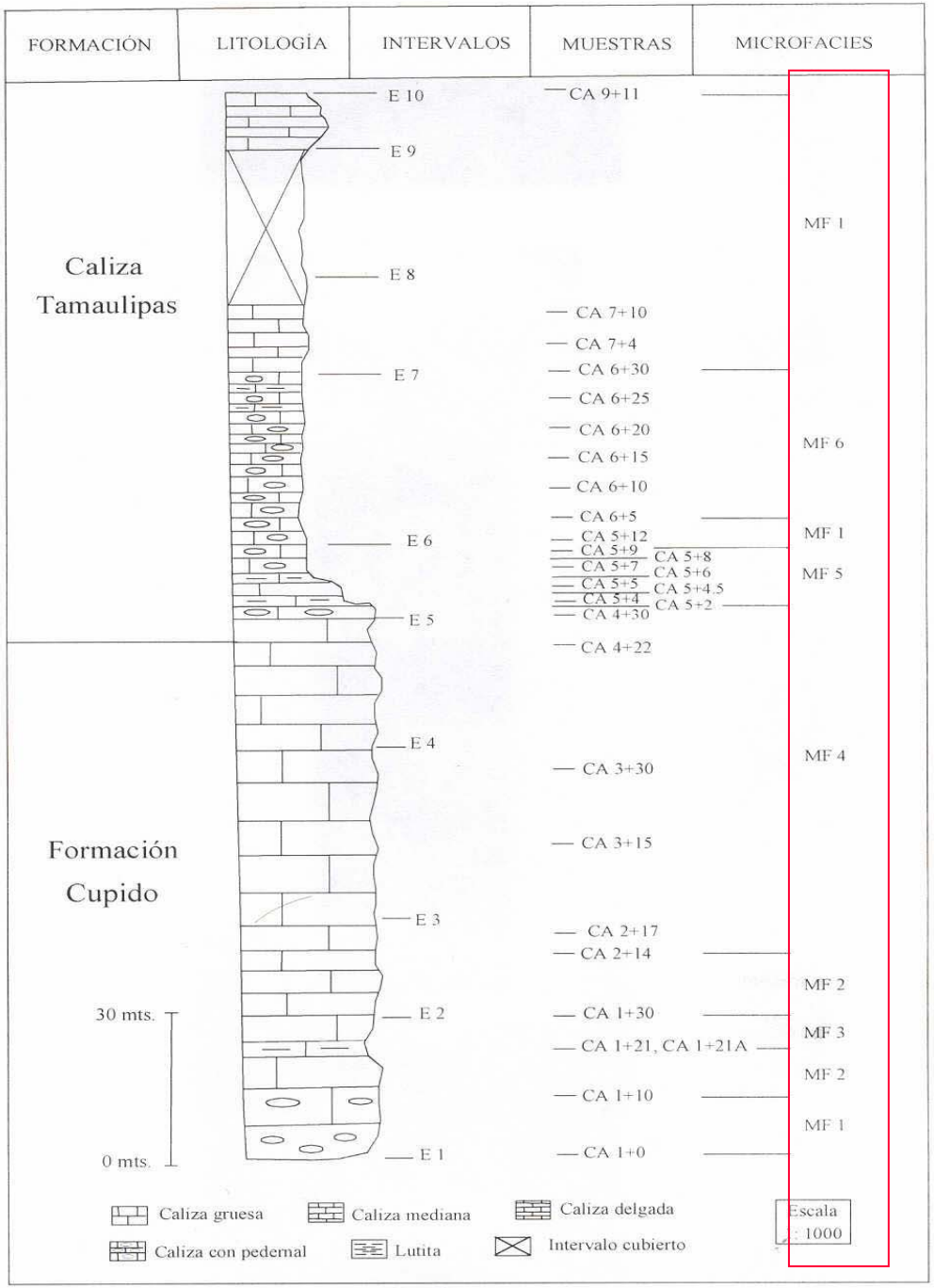


Microfacies 6

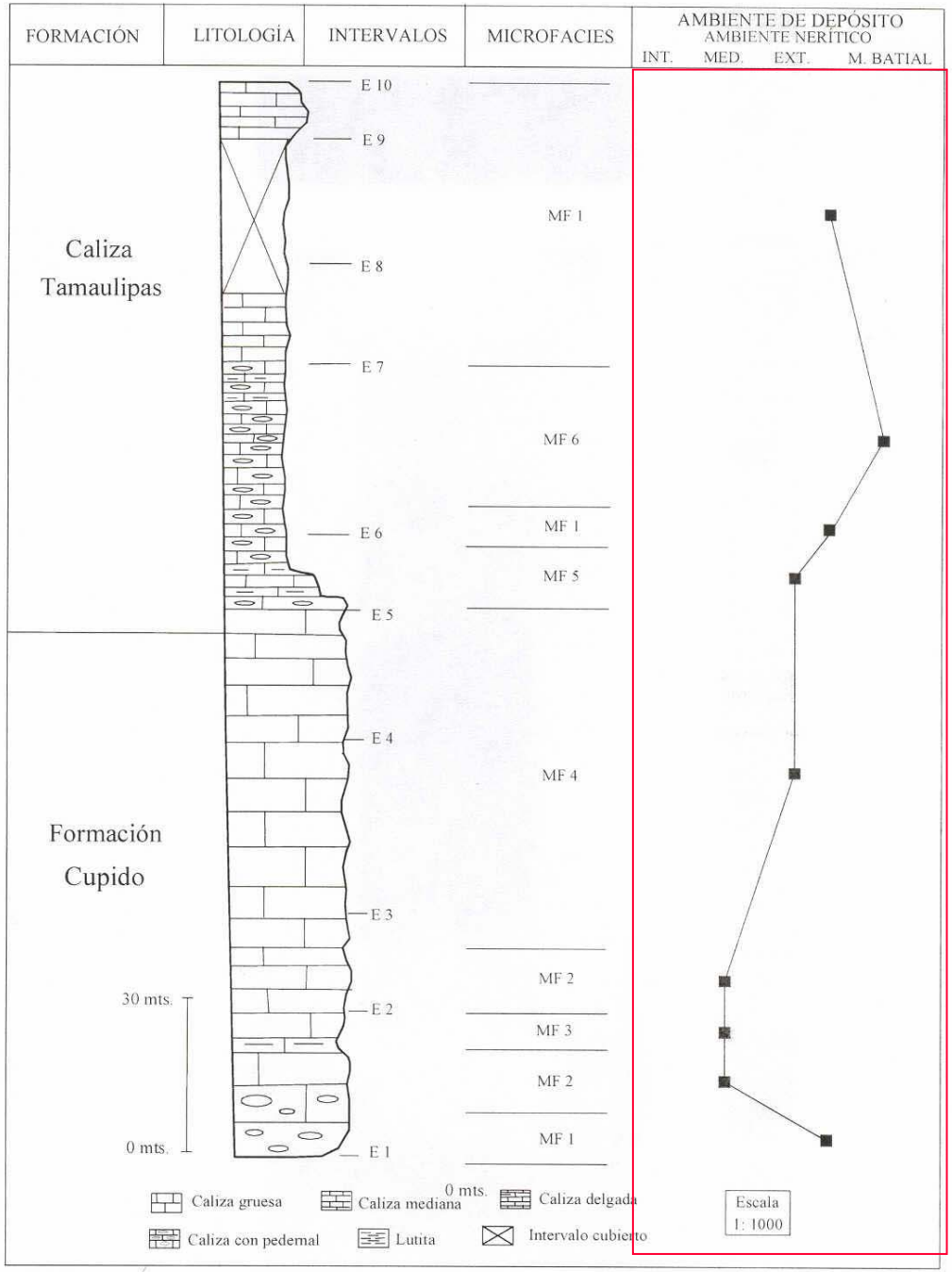
Mudstone de radiolarios.
Foraminíferos planctónicos ostrácodos, equinodermos de foraminíferos bentónicos.

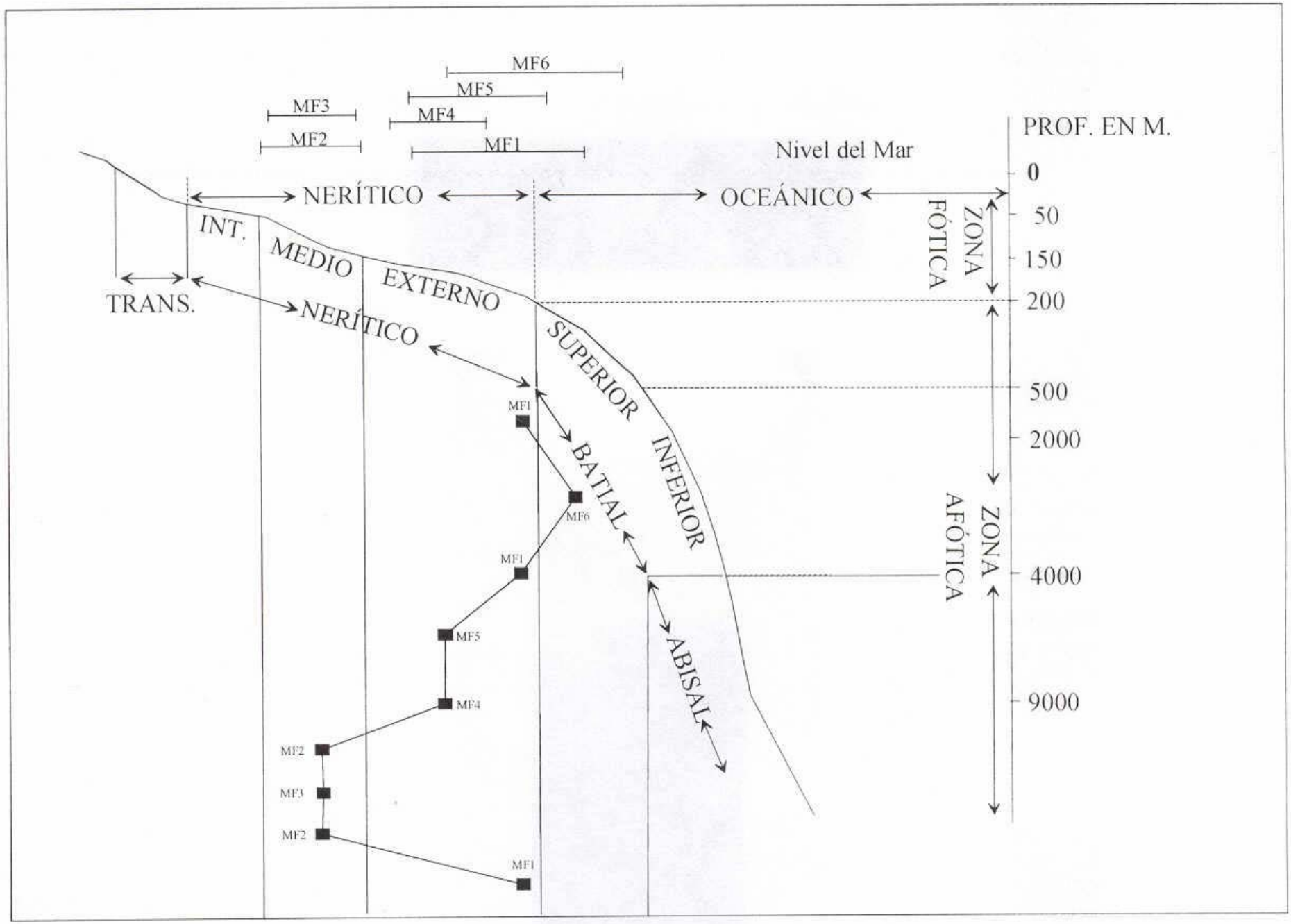
Nerítico externo a marino batial.

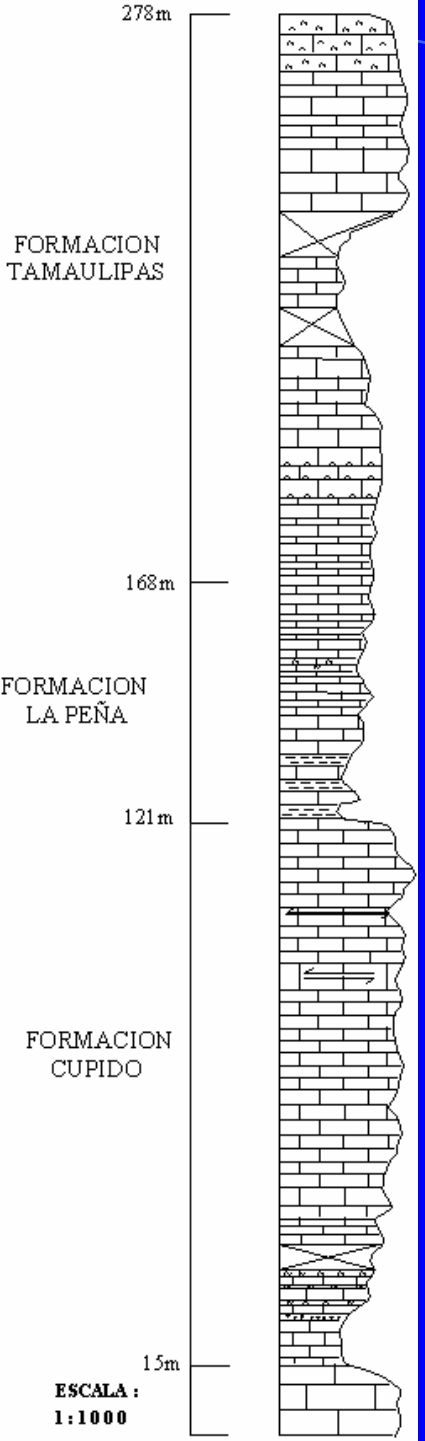
CAÑÓN EL ÁLAMO



CAÑÓN EL ÁLAMO




MF6
MF5
MF3
MF4
MF2
MF1
Nivel del Mar
PROF. EN M.
NERÍTICO
OCEÁNICO
0
50
150
200
500
2000
4000
9000
ZONA FÓTICA
ZONA AFÓTICA
INT.
MEDIO
EXTERNO
TRANS.
NERÍTICO
SUPERIOR
INFERIOR
BATIAL
ABISAL
MF1
MF6
MF1
MF5
MF4
MF2
MF3
MF2
MF1



SECCIÓN EL MULATO

Caliza gruesa a masiva intercalada con caliza delgada margosa.

Lutita alternando con capas de marga y caliza nodular.

Caliza gruesa a masiva intercalada con caliza delgada margosa.


Formacióm Tamaulipas
Formación La Peña

MICROFACIES

MICROFACIES		MF1	MF2	MF3		MF4			MF5			MF6			MF7
FORMACIÓN		FORMACIÓN CUPIDO													
NUMERO DE MUESTRA		0•1	0•24	0•30	1•0	1•2	1•7	1•9	1•13	1•19	1•30	2•17	2•30	3•18	3•30
TEXTURA	MUDSTONE					X	X							X	
	WACKESTONE	X		X	X				X	X	X	X	X		
	PACKSTONE														
	GRAINSTONE		X					B			D				X
ALOQUIMICOS	INTRACLASTOS		A	S				R	A	F	I	F			R
	OOLITAS							E			S				A
	PELETS			R				C		A	M	A	S		S
	CORTOIDES		R					H			I				
	CALCIESFERAS	S						A			C				
	CALPIONELIDOS										R				
	RADIOLARIOS							R			I				
	ESPONGAS							E			T				
	CORALES							C			A				
	ANELIDOS		R		R			R	T						
	BRIOZOARIOS			T				I							
	EQUINODERMOS		S	R	S	R		S	R						
	ESPINAS DE EQUINODERMOS	T	R	R	T	R		T	R				T		
	CRINOIDES	S	S		S			A			R				
	PK CRINOIDES							L							
	BRAQUIOPODOS	R	S					I							
FORAM.	ROTALIDO PK							Z							
	ROTALIDO BT			S	R			A		F		R	S	T	
	MILIOLIDOS			R	S			D		S		R	R	R	
	ORBITOLINIDOS							A							
	OSTRACODOS	T		S	S	R	S		S	S		R	R	S	
	MOLLUSCOS	S		F	R	R	T		R						
	BIVALVOS														
	GASTEROPODOS	T		T											R
	CEFALOPODOS														
	ALGA ROJA														
	ALGA VERDE														
PARTICULAS TERRIGENAS															
MINERALES AUTIGENICOS															

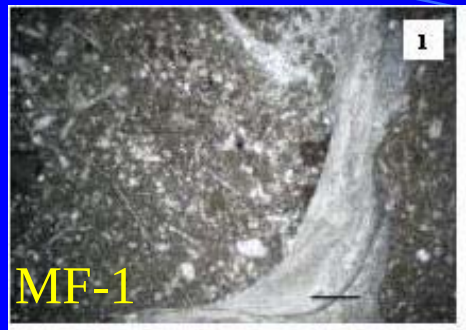
MICROFACIES		MF8								MF9					
FORMACIÓN		FORMACIÓN CUPIDO								FORMACIÓN LA PEÑA					
NUMERO DE MUESTRA		4•16	4•30	4•40	5•15	5•20	5•30	6•16	6•28	7•0	7•5	7•10	7•15	7•20	7•25
TEXTURA	MUDSTONE										X	X			
	WACKESTONE	X					X	X	X	X			X	X	X
	PACKSTONE		X	X	X										
	GRAINSTONE					R									
ALOQUIMICOS	INTRACLASTOS		S	F	F	E	F		R						
	OOLITAS					C									
	PELETS				T	R	T	S	S	T					S
	CORTOIDES					I									
	CALCIESFERAS					S									
	CALPIONELIDOS					T									
	RADIOLARIOS					A									
	ESPONGAS		S	S		L		R	R						
	CORALES					I		R							
	ANELIDOS	R				Z									
	BRIOZOARIOS				R	A	T		R						
	EQUINODERMOS	S				D	R	F							
	ESPINAS DE EQUINODERMOS	S	R	S	R	A	S	R	S	R	T		S	R	R
	CRINOIDES	S		S			R								
	PK CRINOIDES														
	BRAQUIOPODOS	R	R					S	S		S	R			R
FORAM.	ROTALIDO PK									S	S	R	S	S	S
	ROTALIDO BT	S	S	R	F		S	T	S	S	R	T	R	R	R
	MILIOLIDOS	R	F	S	A		S	R	F						
	ORBITOLINIDOS	S	R	T	T		T								
	OSTRACODOS				R		S	R	S						R
	MOLLUSCOS		F	S	R				S	S	S	T	S	R	R
	BIVALVOS	S						F							
	GASTEROPODOS	T						S	S	R			R		
	CEFALOPODOS														
	ALGA ROJA														
	ALGA VERDE														
PARTICULAS TERRIGENAS															
MINERALES AUTIGENICOS		X		X			X	X	X	X	X	X	X	X	X

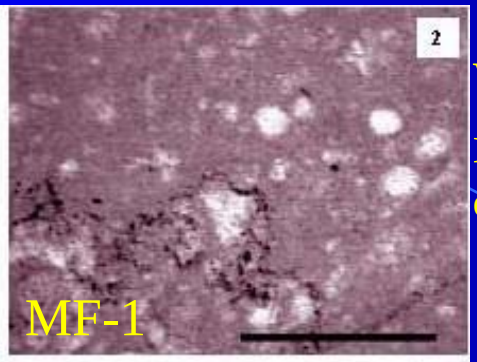
MICROFACIES		MF10	MF9		MF10	MF11				MF12	MF13		MF12	MF11	
FORMACIÓN		FORMACIÓN LA PEÑA													
NUMERO DE MUESTRA		7•30	8•5	8•10	8•18	8•27	9•0	9•0A	9•5	9•10	9•15	9•20	9•20A	9•25	9•30
TEXTURA	MUDSTONE												X		
	WACKESTONE	X	X	X	X	X	X	X	X	X	X	X		X	X
	PACKSTONE														
	GRAINSTONE														
ALOQUIMICOS	INTRACLASTOS														
	OOLITAS														
	PELETS				T	F	T		R						T
	CORTOIDES														
	CALCIESFERAS	S			S						F	F			
	CALPIONELIDOS														
	RADIOLARIOS					A	A	A	A		F	F		A	A
	ESPONGAS														
	CORALES														
	ANELIDOS														
	BRIOZOARIOS														
	EQUINODERMOS														
	ESPINAS DE EQUINODERMOS	R	S	S	R										
	CRINOIDES		R												
	PK CRINOIDES			R											
	BRAQUIOPODOS		T												
	FORAM. ROTALIDO PK	S	S	F	S	F	F	F	S	F	R	S	F	S	F
	FORAM. ROTALIDO BT	R	R		S										
	FORAM. MILIOLIDOS														
	FORAM. ORBITOLINIDOS														
	OSTRACODOS	R	R	S											R
	MOLLUSCOS	S	R	R	S	R			R	R	T		T	R	S
	BIVALVOS														
	GASTEROPODOS	R	R		T							R			
	CEFALOPODOS		T												
	ALGA ROJA														
	ALGA VERDE														
PARTICULAS TERRIGENAS															
MINERALES AUTIGENICOS		X	X	X		X	X		X						

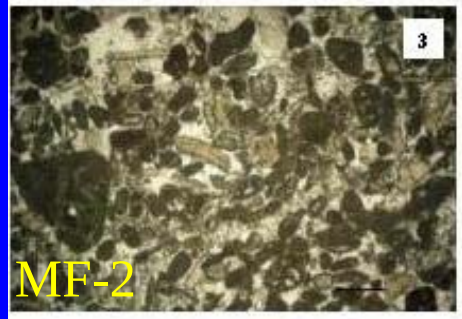
MICROFACIES		MF11	MF13			MF14								MF15
FORMACIÓN		FORMACIÓN TAMAULIPAS												
NUMERO DE MUESTRA		9•33	10•0	10•6	10•11	10•15	10•20	10•25	10•30	11•5	11•10	11•15	11•23	11•23A	11•30
TEXTURA	MUDSTONE											X			
	WACKESTONE	X	X	X	X	X	X	X	X	X	X		X	X	X
	PACKSTONE														
	GRAINSTONE														
ALOQUIMICOS	INTRACLASTOS														
	OOLITAS														
	PELETS														
	CORTOIDES														
	CALCIESFERAS		S		S	S									
	CALPIONELIDOS						S	S	S	F	R	R	A	A	S
	RADIOLARIOS	A	R	T	S	T				R		R			A
	ESPONGAS														
	CORALES														
	ANELIDOS														
	BRIOZOARIOS														T
	EQUINODERMOS														
	ESPINAS DE EQUINODERMOS					S	R	R			R				R
	CRINOIDES													T	R
	PK CRINOIDES														
	BRAQUIOPODOS														
	FORAM. ROTALIDO PK	S	S	S	F	F	F	F	S	A		F	F	F	F
	FORAM. ROTALIDO BT					S	S	S	S	R	R	T		T	R
	FORAM. MILIOLIDOS														
	FORAM. ORBITOLINIDOS														
	OSTRACODOS		R	R	R	R	R	R	S	S	T	R	R	S	S
	MOLLUSCOS		T	R		S	R	R	R			T	T		
	BIVALVOS														
	GASTEROPODOS					S									T
	CEFALOPODOS														
	ALGA ROJA														
	ALGA VERDE														
PARTICULAS TERRIGENAS															
MINERALES AUTIGENICOS					X	X	X	X	X		X	X		X	X

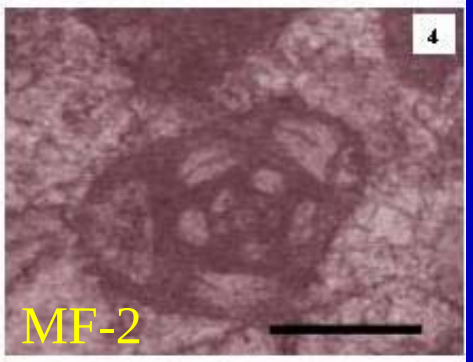
MICROFACIES		MF15						MF16							
FORMACIÓN		FORMACIÓN TAMAULIPAS													
NUMERO DE MUESTRA		12+5	12+10	12+15	12+20	12+25	12+30	13+5	15+0	15+5	15+10	15+19	18+0	18+5	18+10
TEXTURA	MUDSTONE														
	WACKESTONE	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	PACKSTONE														
	GRAINSTONE														
ALOQUIMICOS	INTRACLASTOS							F	A	S	F	F	F	F	R
	OOLITAS														
	PELETS									A	F	F	R	R	
	CORTOIDES														
	CALCIESFERAS														
	CALPIONELIDOS	S	R	R	R	R	R	R	R	R	R	R	R	R	R
	RADIOLARIOS	S	S	F	F	F	A	F	F	A	F	F	S	F	F
	ESPONGAS														
	CORALES														
	ANELIDOS														
	BRIOZOARIOS														
	EQUINODERMOS														
	ESPINAS DE EQUINODERMOS	R	R	R		R		S							R
	CRINOIDES	S	S	S	S	S	S	S							
	PK CRINOIDES						R	S	R	T	R	S	F	F	S
	BRAQUIOPODOS														
	FORAM. ROTALIDO PK	F	F	F	F	F	F	F	S	R	F	F	S	F	F
	FORAM. ROTALIDO BT	R	R	R	S	R	R	R	R		R	R	R	R	R
	FORAM. MILIOLIDOS														
	FORAM. ORBITOLINIDOS														
	OSTRACODOS														
	MOLLUSCOS	S	S	S	S	S	F	S	S	R	S	S	F	F	S
	BIVALVOS							T		T	T				T
	GASTEROPODOS														
	CEFALOPODOS														
	ALGA ROJA														
	ALGA VERDE														
PARTICULAS TERRIGENAS															
MINERALES AUTIGENICOS		X	X	X		X	X	X			X				X

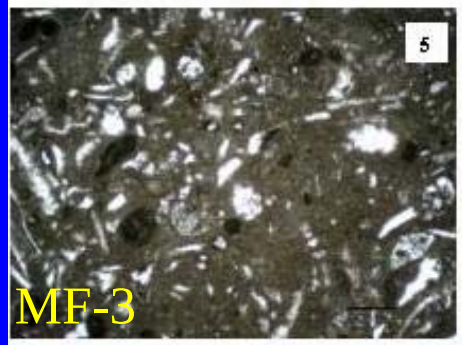
MICROFACIES		MF16	MF15			MF17									
FORMACIÓN		FORMACIÓN TAMAULIPAS													
NUMERO DE MUESTRA		18+15	18+20	18+25	18+30	19+5	19+10	19+15	19+20	20+5	20+10	20+15	20+20	20+25	20+30
TEXTURA	MUDSTONE														
	WACKESTONE	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	PACKSTONE														
	GRAINSTONE														
ALOQUIMICOS	INTRACLASTOS	S													
	OOLITAS														
	PELETS														
	CORTOIDES														
	CALCIESFERAS					F	F	F	S	S	F	A	A	A	A
	CALPIONELIDOS	R	R	T	T	R	R	R	R	R	R	T	T	T	T
	RADIOLARIOS	S	S	A	A		?	?	S	A	T	R	R	S	R
	ESPONGAS														
	CORALES														
	ANELIDOS														
	BRIOZOARIOS														
	EQUINODERMOS														
	ESPINAS DE EQUINODERMOS	R	R	R	R										
	CRINOIDES														
	PK CRINOIDES	S	F	F	F	F	F	F	F	F	F	S	F	S	S
	BRAQUIOPODOS														
	FORAM. ROTALIDO PK	F	F	F	F	S	S	F	F	F	S	S	S	F	S
	FORAM. ROTALIDO BT		T	T			R	T	T		T		T		
	FORAM. MILIOLIDOS														
	FORAM. ORBITOLINIDOS														
	OSTRACODOS	S	F	S	S	S	S	S	F	S	S	S	S	S	S
	MOLLUSCOS			T	T	R						T			
	BIVALVOS														
	GASTEROPODOS														
	CEFALOPODOS														
	ALGA ROJA														
	ALGA VERDE														
PARTICULAS TERRIGENAS															
MINERALES AUTIGENICOS				X				X		X		X			X

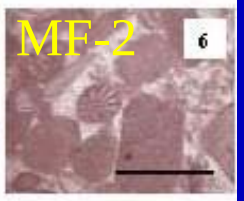


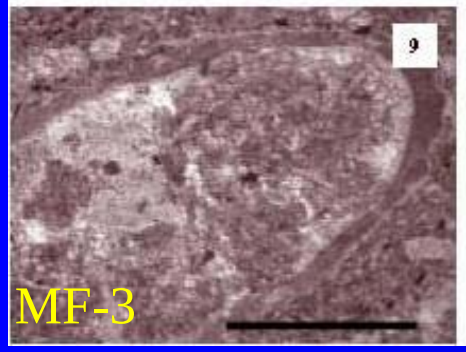


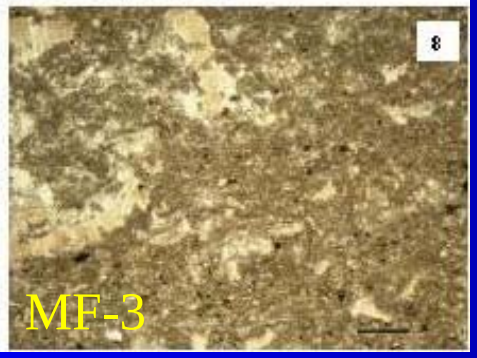












MF-1

Wakestone de Braquiópodos, calciesferas y moluscos. Espinas de equinodermos, ostrácodos, crinoides y gasterópodos.

•Marino somero nerítico medio

MF-2

Grainstone de intraclastos. Equinodermos, crinoides, braquiópodos, Cortoides, anélidos y espinas de equinodermos. miliólidos incluidos en intraclastos.

•Marino somero nerítico interior a medio

MF-3

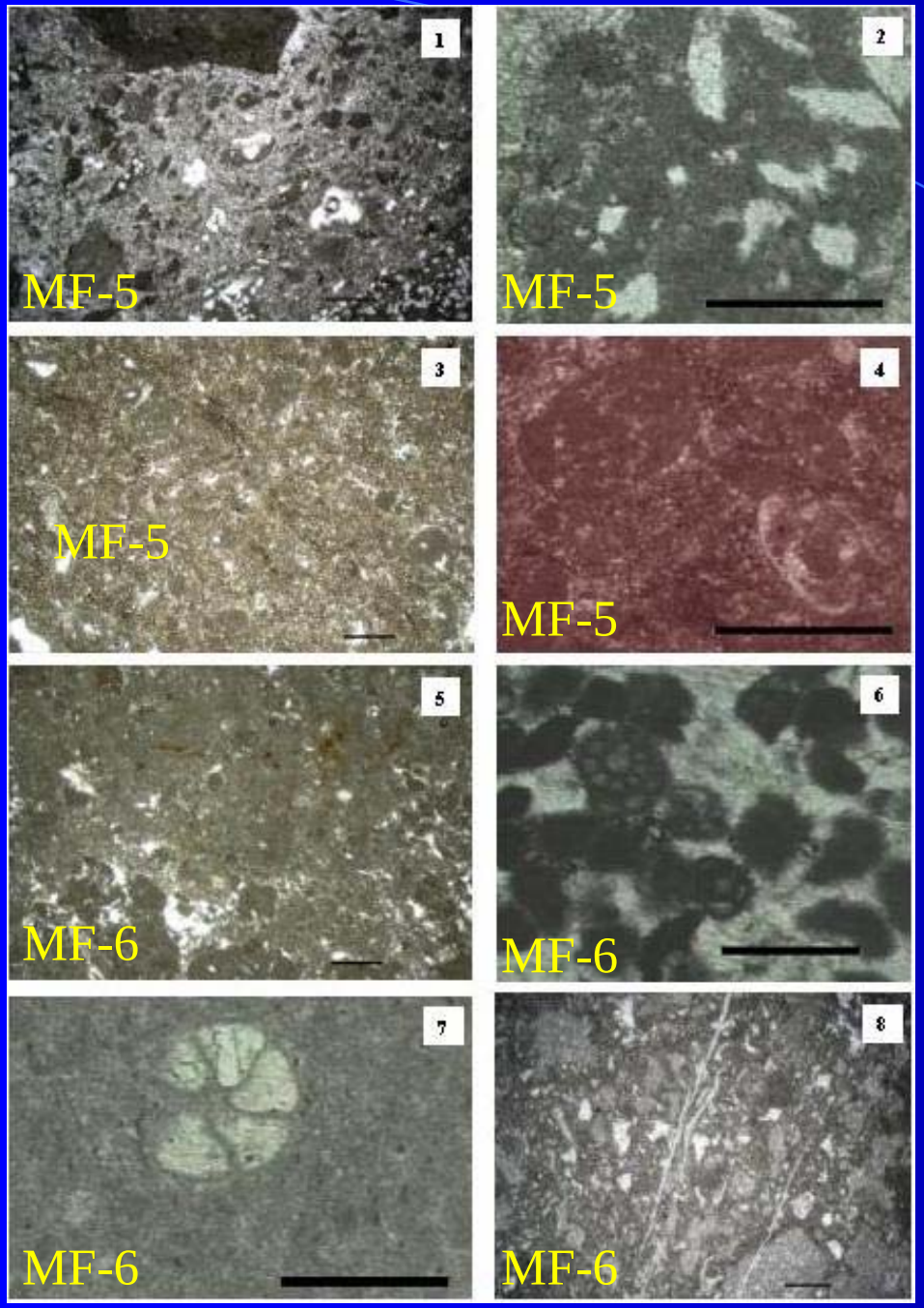
Mudstone-Wackestone de Moluscos. Intraclastos, formainíferos bentónicos, ostrácodos, espinas de equinodermos y miliólidos, briozoarios y gasterópodos.

•Marino somero nerítico lagunar

MF-4

Wackestone de equinodermos y crinoides. Ostracodos Moluscos y espinas de equinodermos.

•Marino somero nerítico medio



MF-5

Wackestone de intraclastos.

Ostrácodos, fragmentos y espinas de equinodermos, moluscos, y Anélidos

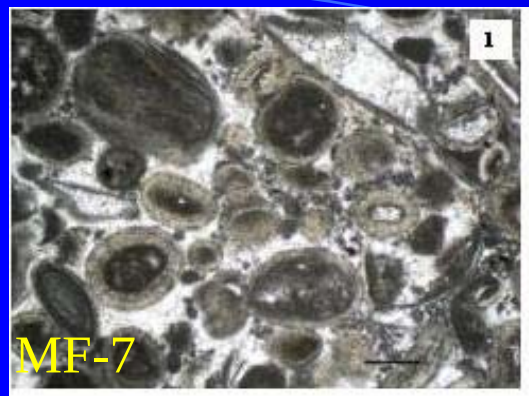
Marino somero nerítico medio

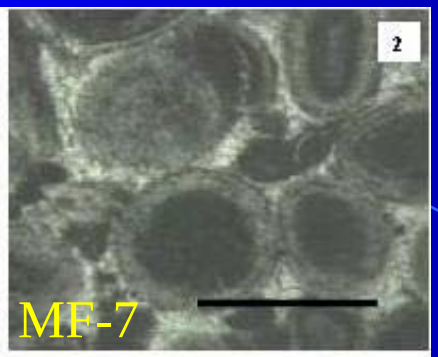
MF-6

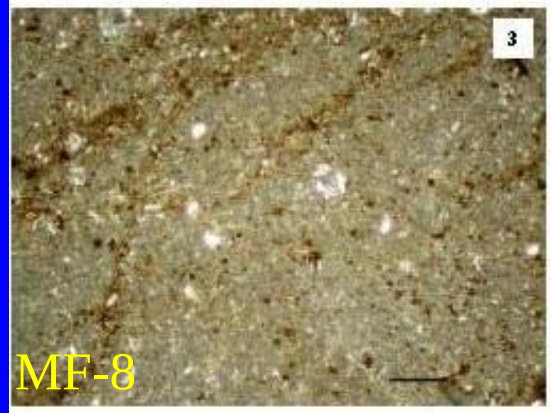
Mudstone-Wackestone de Pellets e intraclastos

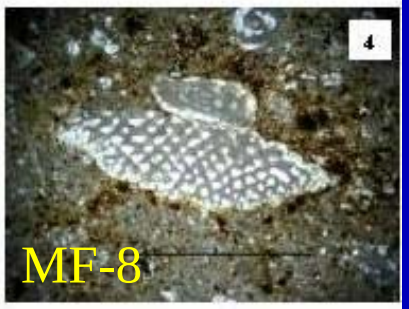
Foraminíferos bentónicos, miliólidos, ostrácodos, y espinas de equinodermos

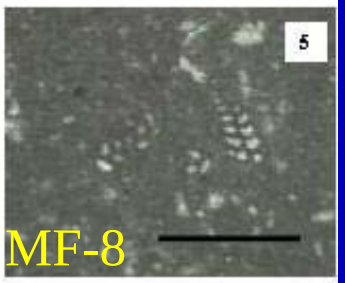
Marino somero lagunar

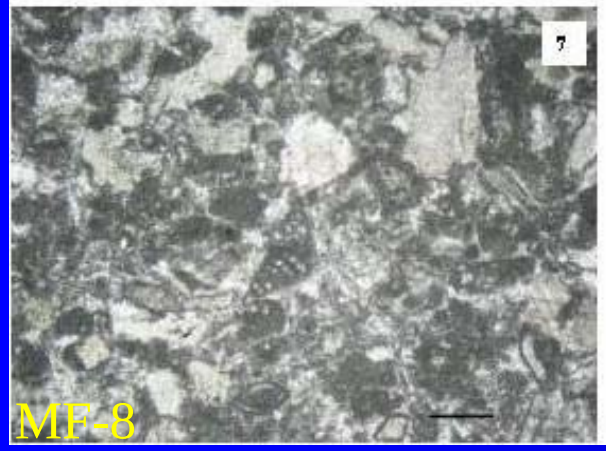


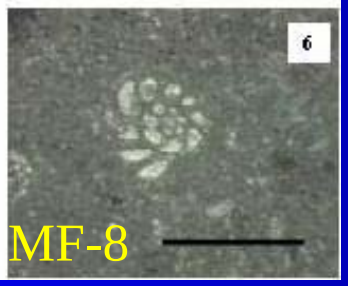












MF-7

Grainstone de Oolitas.

Pellets, intraclastos, gasterópodos

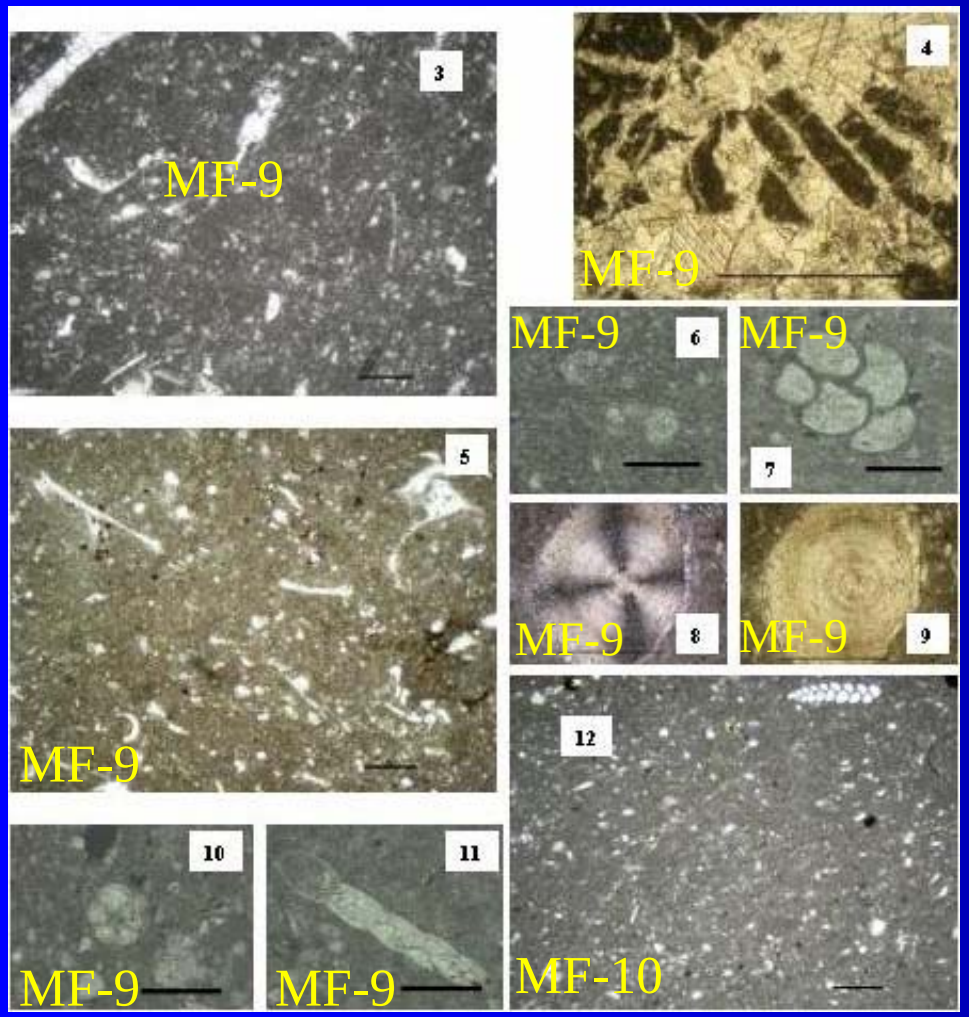
•Marino somero nerítico medio

MF-8

Wackestone-Packestone de orbitolínidos y miliólidos

Fragmentos y espinas de equinodermos, moluscos, fragmentos de corales, espinas de esponjas

•Marino somero a nerítico medio

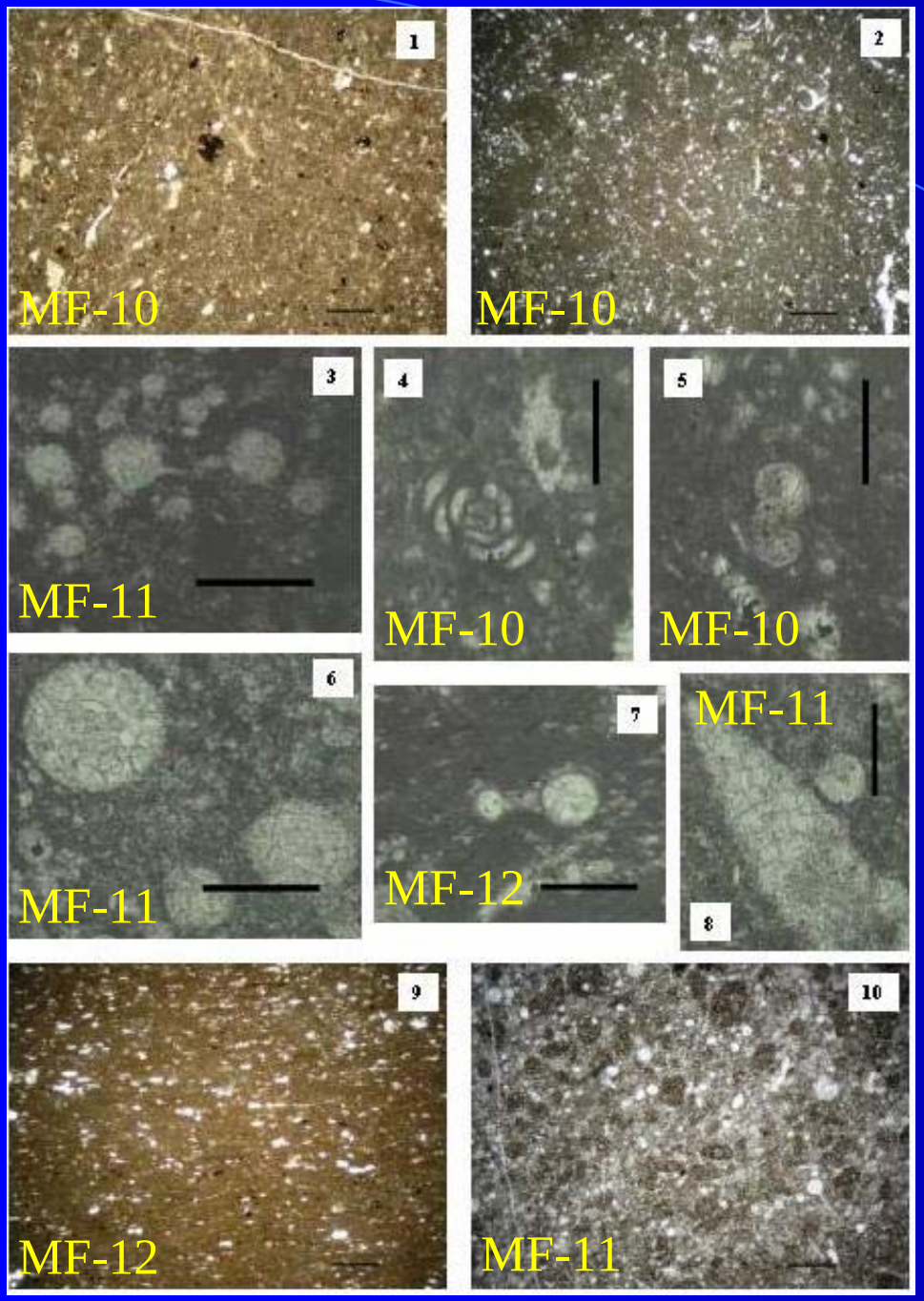


MF-9

Mudstone-Wackestone de moluscos y equinodermos.

Foraminíferos planctónicos y bentónicos, ostrácodos, gasterópodos y crinoides.

- Marino somero nerítico



MF-10

Wakestone de Pellets.

Foraminíferos planctónicos y bentónicos, calciesferas, espinas de equinodermos, moluscos, oestrácodos y gasterópodos.

•Marino somero nerítico medio a exterior

MF-11

Wackestone de foraminíferos planctónicos.

Moluscos, ostrácodos, calciesferas, espinas de equinodermos.

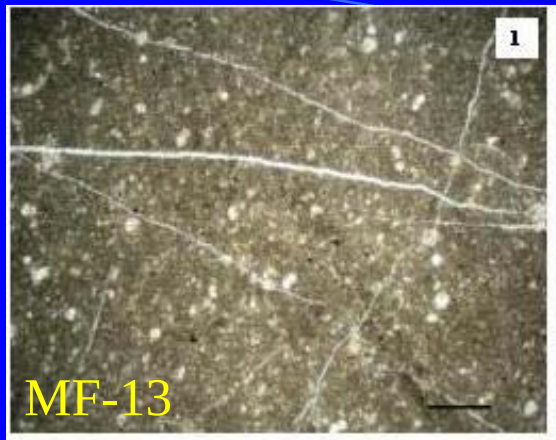
•Marino nerítico exterior

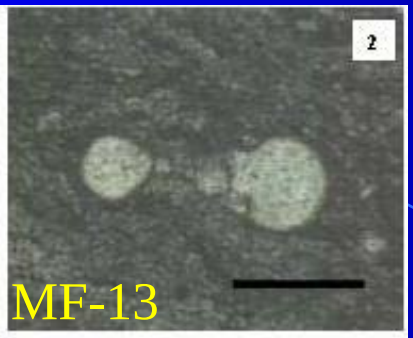
MF-12

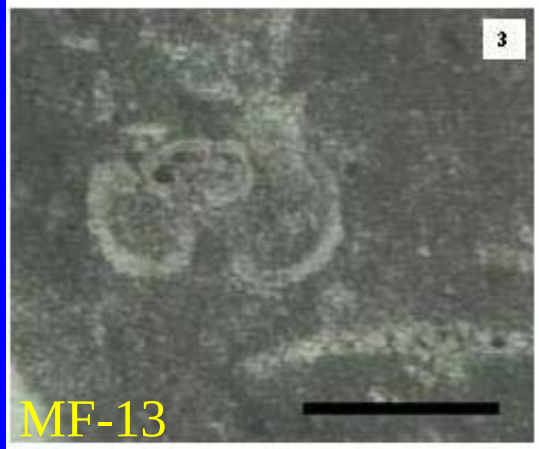
Wackestone de Radiolarios.

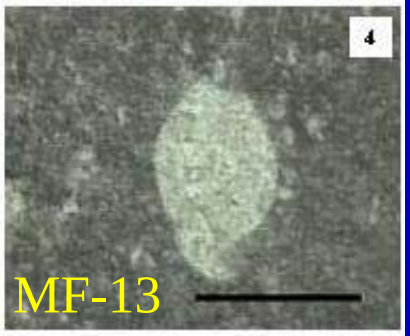
Foraminíferos planctónicos, moluscos, ostrácodos, espinas de equinodermos.

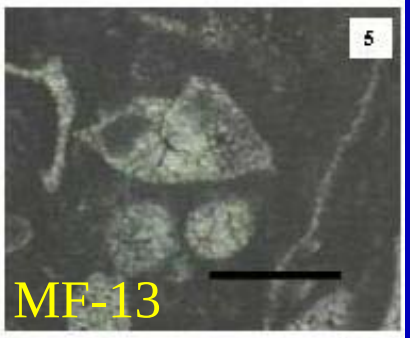
•Marino nerítico exterior a pelágico

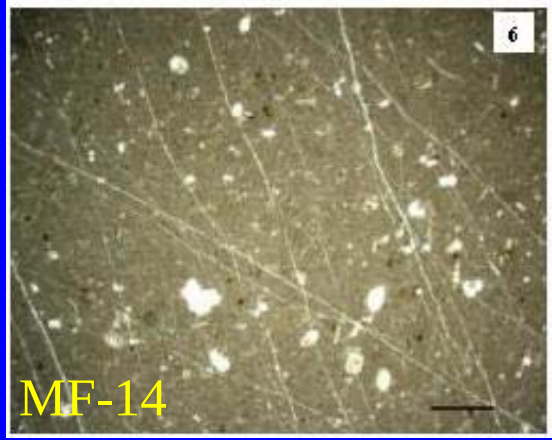


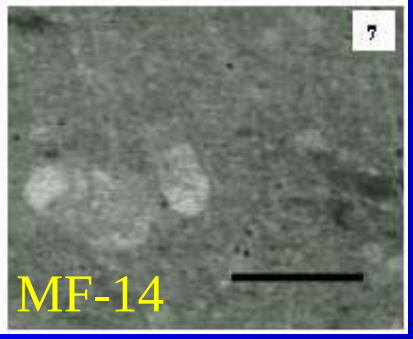










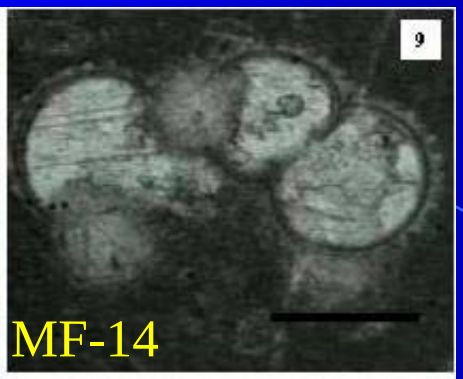


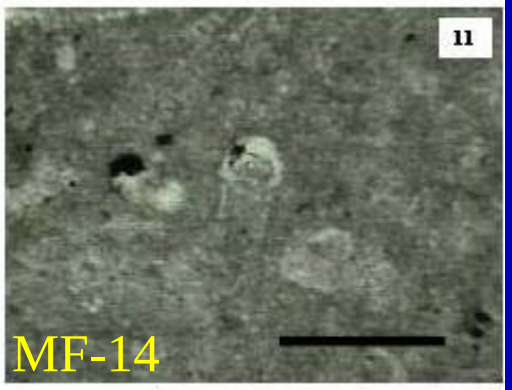
MF-13

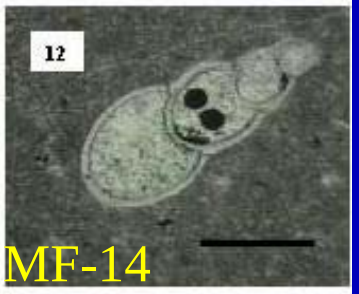
Wackestone de foraminíferos planctónicos.

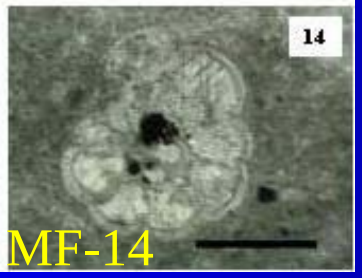
Ostrácodos y moluscos.

- Marino nerítico exterior a mar abierto pelágico







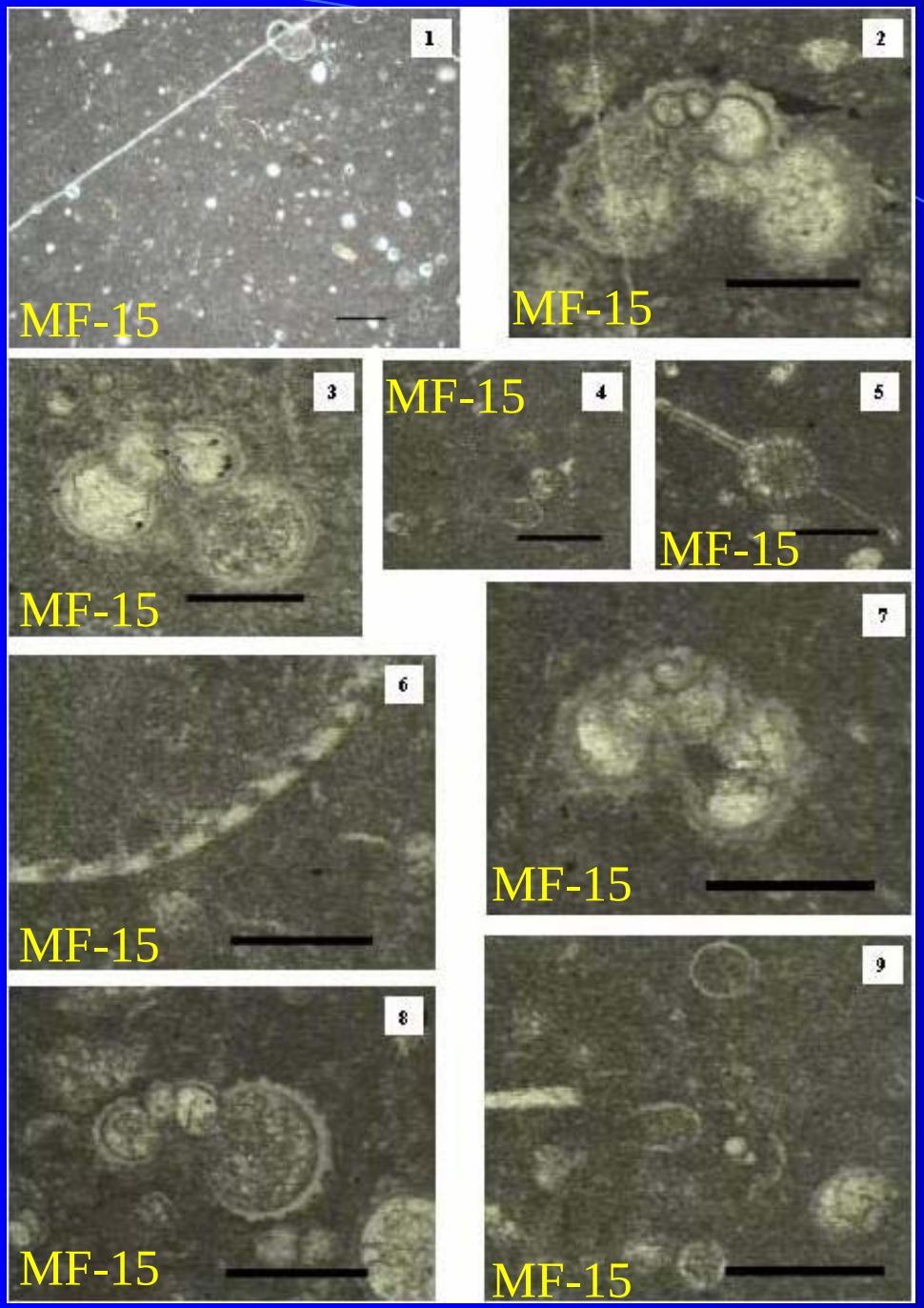


MF-14

Mudstone-Wackestone de foraminíferos y calpionélidos

Ostrácodos, moluscos, espinas de equinodermos y radiolarios.

•Marino nerítico exterior a pelágico de mar abierto.

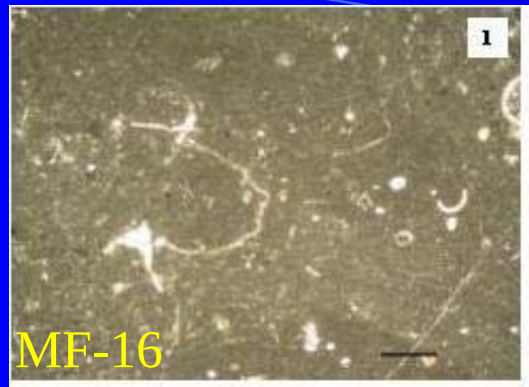


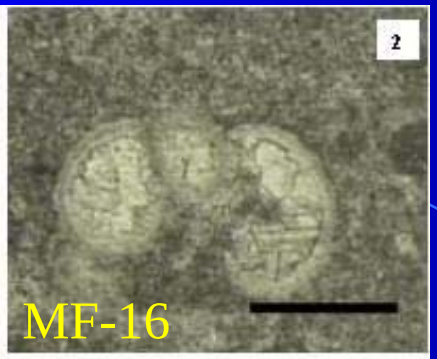
MF-15

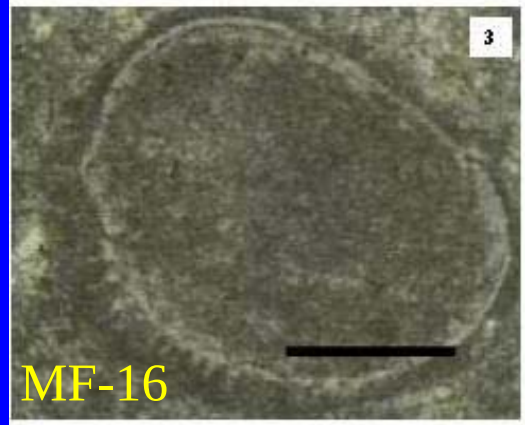
Wackestone de foraminíferos planctónicos

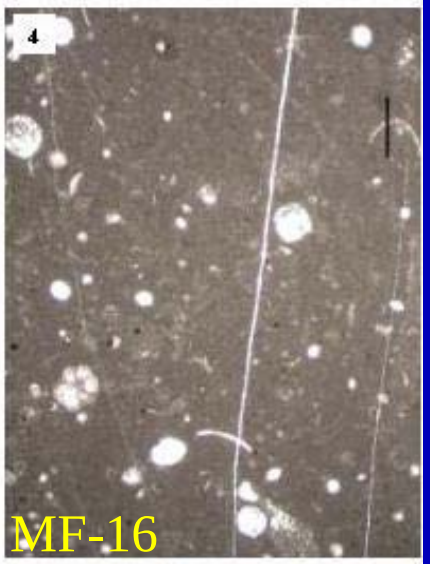
Moluscos, crinoides calpionélidos, espinas de equinodermos, radiolarios, y ostrácodos.

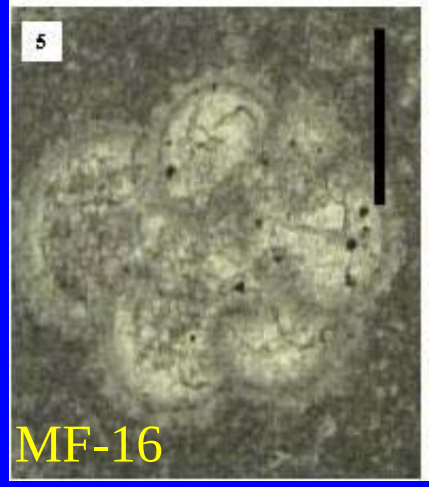
- Mar abierto pelágico

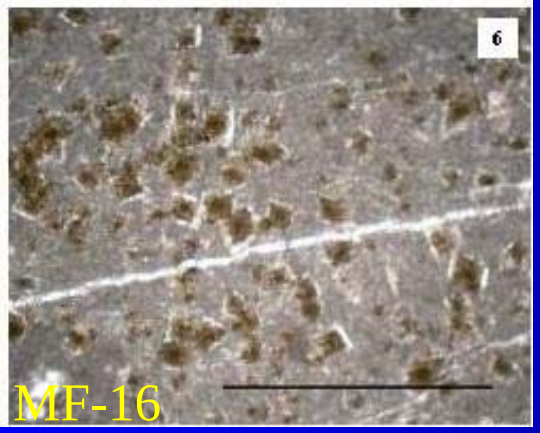










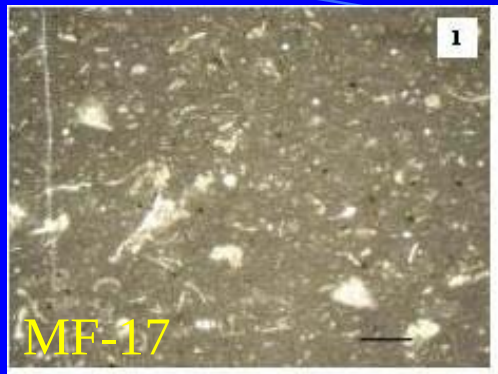


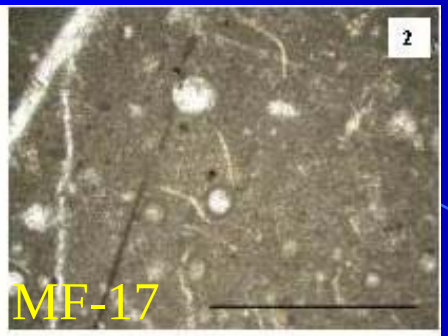
MF-16

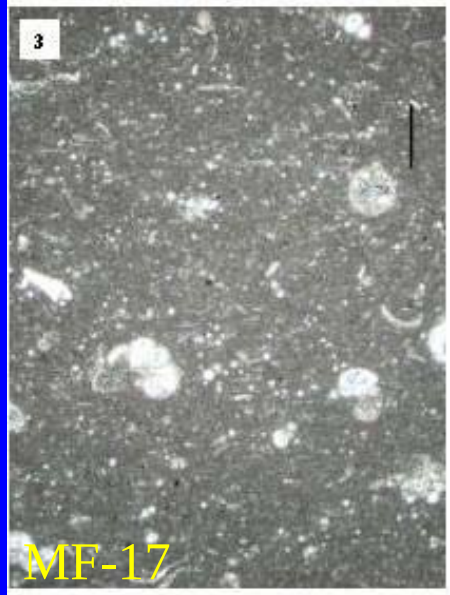
Wackestone de intraclastos y Foraminíferos planctónicos

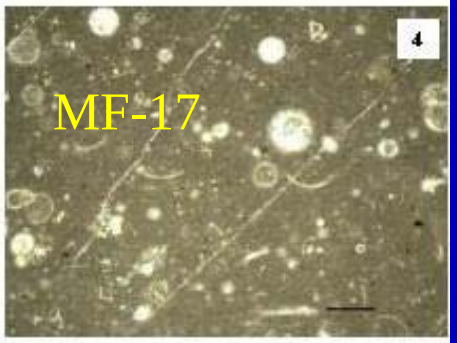
Pellets, crinoides planctónicos, radiolarios, ostracodos, moluscos, calpionélidos, espinas de equinodermos y bivalvos.

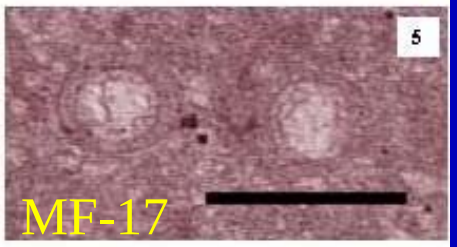
- Marino nerítico exterior a mar abierto pelágico

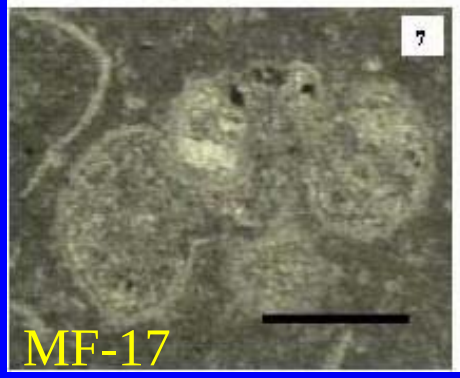


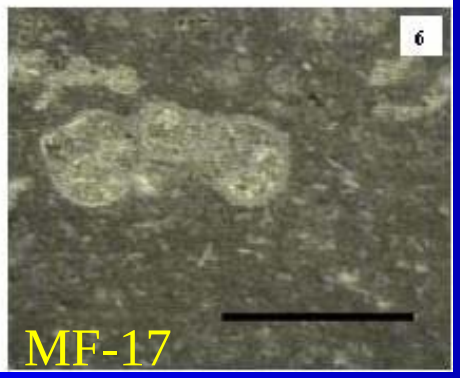










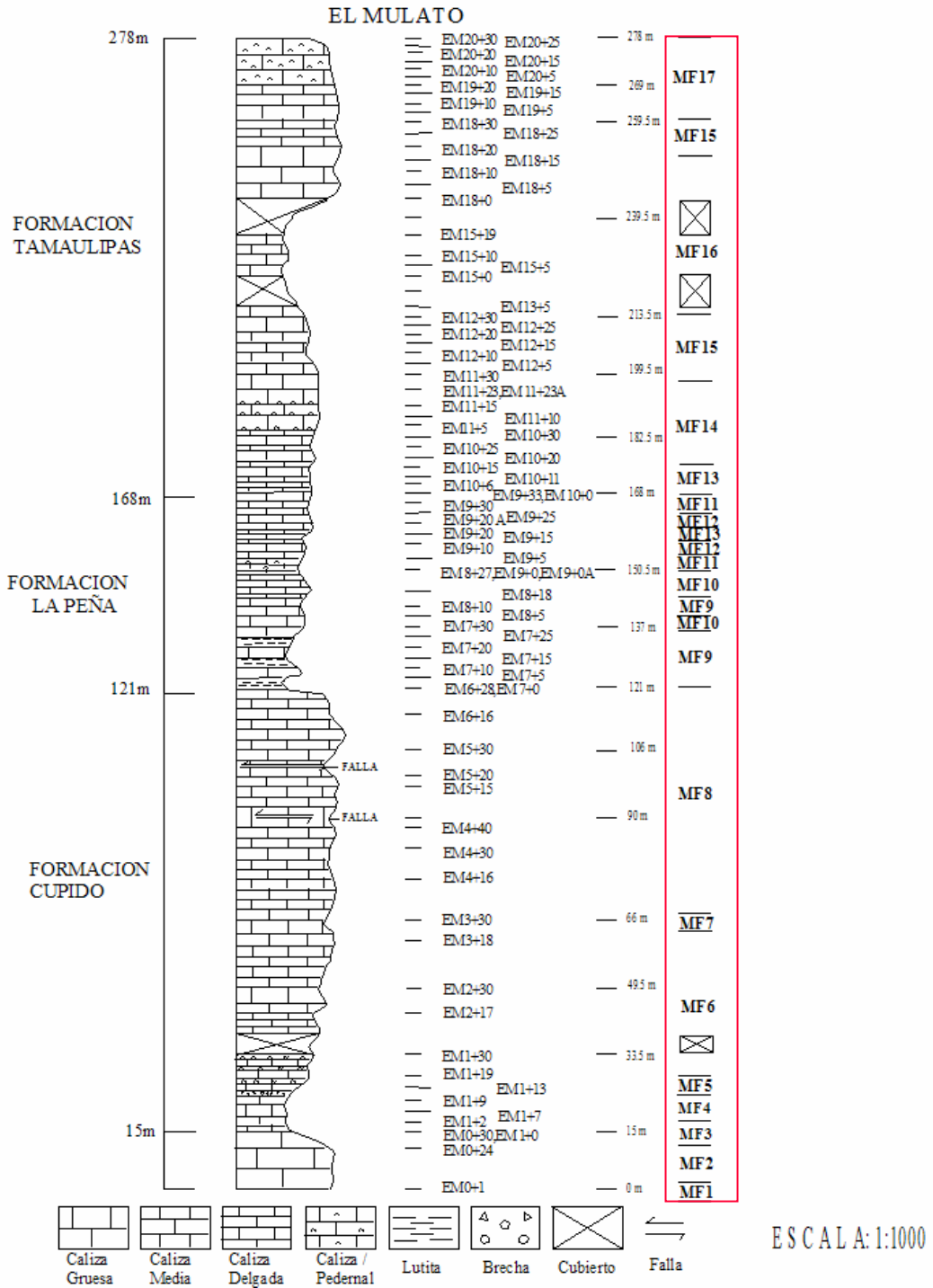


MF-17

Wackestone de calciesferas y crinoides planctonicos

Foraminíferos planctónicos, radiolarios, ostrácodos, calpionélidos, foraminíferos bentónicos.

- Marino nerítico exterior pelágico


EL MULATO
278m
168m
121m
15m
FORMACION TAMAULIPAS
FORMACION LA PEÑA
FORMACION CUPIDO
EM20+30
EM20+25
EM20+20
EM20+15
EM20+10
EM20+5
EM19+20
EM19+15
EM19+10
EM19+5
EM18+30
EM18+25
EM18+20
EM18+15
EM18+10
EM18+5
EM18+0
EM15+19
EM15+10
EM15+5
EM15+0
EM13+5
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EM12+15
EM12+10
EM12+5
EM11+30
EM11+23,EM11+23A
EM11+15
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EM10+20
EM10+15
EM10+11
EM10+6
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EM9+20A
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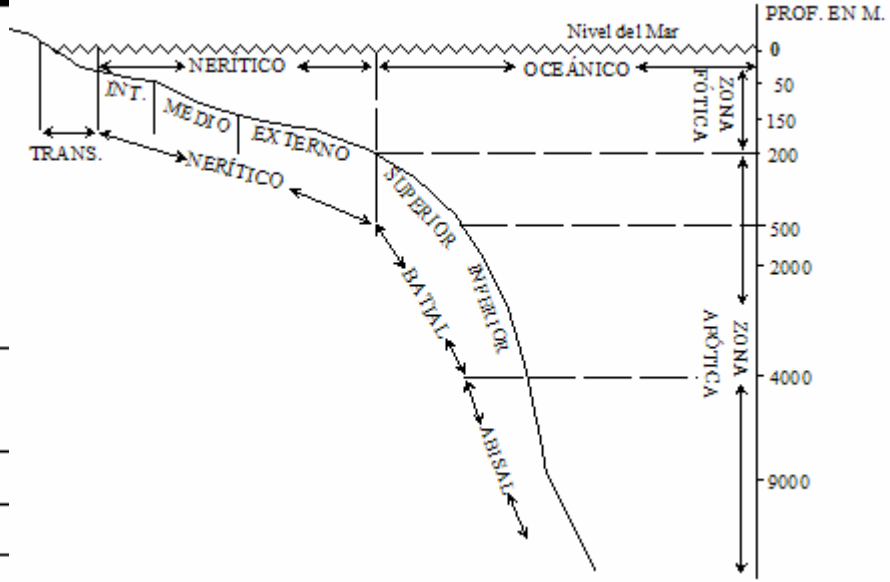
EM5+30
EM5+20
EM5+15
EM4+40
EM4+30
EM4+16
EM3+30
EM3+18
EM2+30
EM2+17
EM1+30
EM1+19
EM1+13
EM1+9
EM1+7
EM1+2
EM0+30,EM1+0
EM0+24
EM0+1
FALLA
FALLA
278 m
269 m
259.5 m
239.5 m
213.5 m
199.5 m
182.5 m
168 m
150.5 m
137 m
121 m
106 m
90 m
66 m
49.5 m
33.5 m
15 m
0 m
MF17
MF15
MF16
MF15
MF14
MF13
MF11
MF12
MF13
MF12
MF11
MF10
MF9
MF10
MF9
MF8
MF7
MF6
MF5
MF4
MF3
MF2
MF1
Caliza Gruesa
Caliza Media
Caliza Delgada
Caliza / Pedernal
Lutita
Brecha
Cubierto
Falla
ESCALA: 1:1000



MF17

MF16

MF15

MF14

MF13

MF12

MF11

MF10

MF9

MF6

MF5

MF4

MF3

MF2

MF1

1	2	3	4	5	6	7	8	9	10
Cuenca	Plataforma externa	Margen de Plataforma	Arrecife-arrecife	Arrecife	Bancos de arena	Laguna costera	Plataforma restringida	Plataforma evaporítica	Continente

Cañon El Alamo

Sierra El Mulato