
(HF)

)

(

)

(HI-Tmax

(

)

)

(Tmax)

(

Rock- OSA) III -

) TOC (

) HI

(Eval

) Tmax (

) S₂ (

) S₁ (

S₁

(

S₂

(Tmax)

(TOC)

(HI=S₂/TOC×100)

[]

III

S₃

(HI-Tmax)

()

()

()

(-)

(III -)

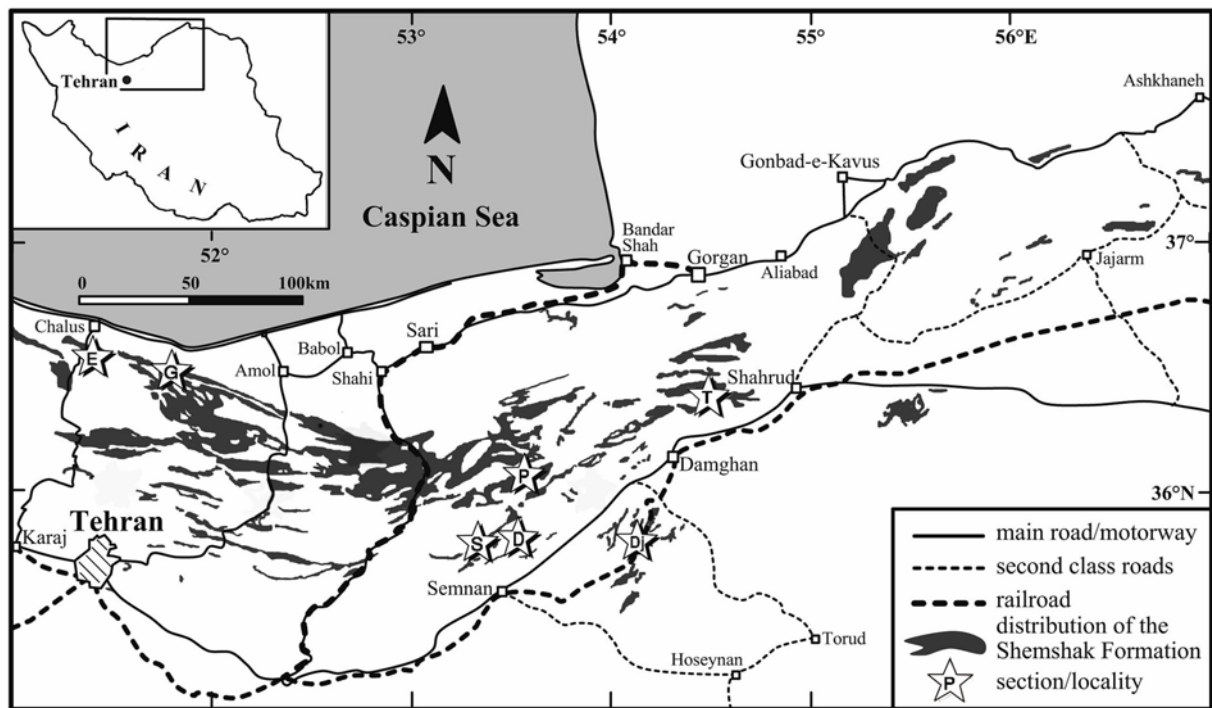
()

(HI)

(TOC)

III -

(HCl)



The studied sections	Sample N.	Tmax (°C) range (average)	TOC (wt.%) range (average)	HI range (average)	S ₁ range (average)	S ₂ range (average)
Tazareh section (mainly lower part of the Fm.)	54	452-599 (544)	0-1.74 (0.7)	1-36 (9.7)	0.01-0.3 (0.04)	0-0.44 (0.06)
Paravr section (lower and upper part of the Fm.)	53	unreliable	0-1.56 (0.6)	0-6 (0.05)	0-0.1 (~ 0)	0-0.03 (~ 0)
Shahmirzad section (lower and upper part of the Fm.)	30	447-521 (462)	0-6.72 (0.8)	0-28 (12)	0-0.07 (~0)	0-1.21 (0.3)
Galandrud section (lower part)	10	448-503 (483)	0-0.62 (0.5)	2-51 (15.6)	0-0.04 (0.01)	0.1-0.32 (0.09)
Dicktash section (upper part)	4	479, 506 (493)	0.35-0.64 (0.5)	7-21 (12.2)	0	0.03-0.14 (0.07)
Ekrasar area (lower part)	2	522	0.28-0.51 (0.4)	3-21 (12)	0-0.03 (0.06)	0.01-0.11 (0.06)
Djam area (lower part)	2	unreliable	0.12-0.22 (0.2)	0	0	0.02
mean	-	496	0.65	7.4	0.02	0.1

HI=hydrogen index (mg HC/g TOC); S₁ and S₂ (mg HC/ g Rock)

()

[] (TOC)

(/)

(/)

() () ()

()

(/)
(/)

Archive of SID

(HI-T_{max})

S₂ S₁

()
S₂ S₁)
(

(HI)

[]

() T_{max}
(°C) T_{max}
 T_{max}
 T_{max}

T_{max} °C T_{max}
(°C) T_{max}
 T_{max} °C

Archive of SID

S_2 T_{max}
(°C) T_{max}

()

(
/ /

[]

()

[]

. []
III

()

() ()

-)

() () ()

. []

IV

IV

-

()

() III

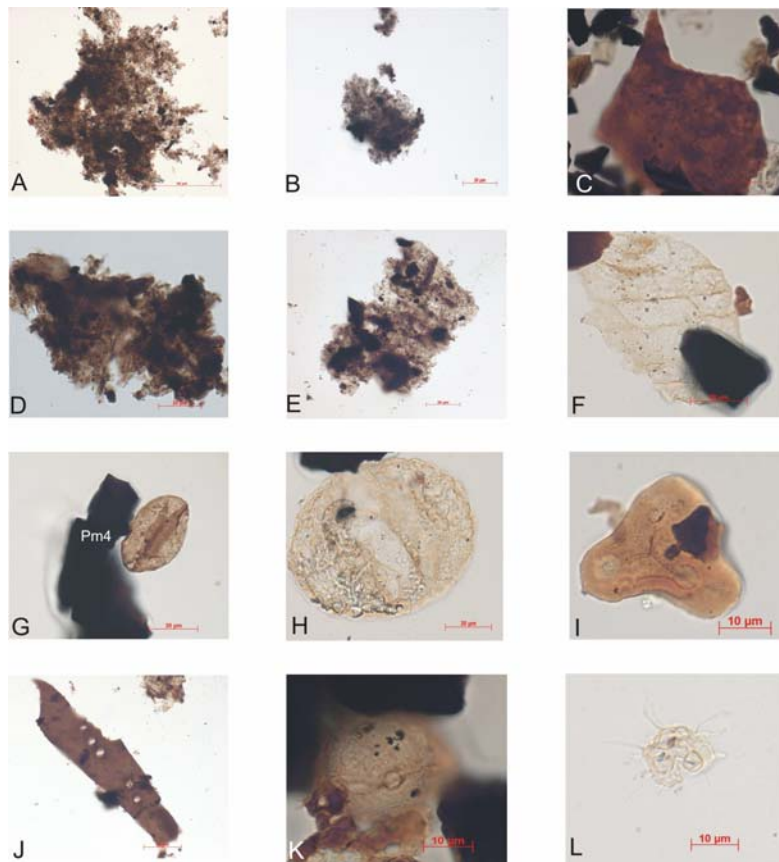
) II

II

- ()

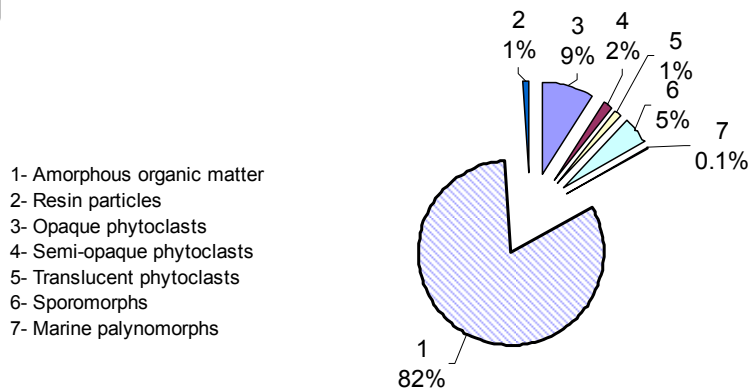
. [] (-)

(-F)
)



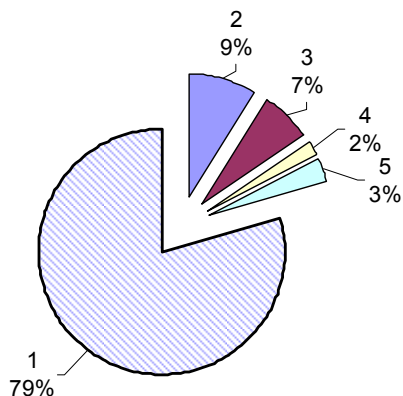
-C.a
 -F.() c
 -K. -
 -J. ()
 -I. ()
 -B.a ()
 -D,E.b ()
 -H.(pm₄)
 -L.()
 -G.()
 -A

Toarcian-Aalenian sediments



Upper-Triassic sediments

- 1- Amorphous organic matter
- 2- Opaque phytoclasts
- 3- Semi-opaque phytoclasts
- 4- Translucent phytoclasts
- 5- Sporomorphs



Archive of SID

II ()

()

(-K,L)

[]

II

(-G,H,I

()

()

[]

I

b
 ()
 c
)
 (

(-D,E)

/

[]

[]

b a)

/

(c

a

(-A,B)

-

)

(

[]

a

Archive of SID

)

(II/I

TOC

b

)

TOC

(

[]

(-C)

I

-

a

()

()

()

()

()

IV
S₂ HI
()
a

(

(

Tmax

IV

[]

()

III

(Prof. M. Wilmsen)) / (II
Dr.)
(J. Schynder -
Alexander von)
(Humboldt)

(Prof. F. T. Fursich)

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