Sohn

121
5-2
3
4
5-6
9/17/62-1
Gravel below upper archael.
excavation, peddies for Nin
matrix for ostra. Upper lisam
Ein Gedi
9/17/62-2
Lisam near road cut at
ost. Middle of archael. strups from Ein Gedi
1875-0764
9/17/62-3
Lim Bech - C2 shale
Boy2
Jerusalem to Ben Shaveh to Setarim
to Ein Gedi.
At Ein Gedi to spring, over 40 mt.
Then to excav. small, well lisam
ditch, peolies, white matrix
on dust yd. S of Ein Gedi. C2
varved lisam clay
To Lim Bech up carryon
saw C2 + C2B, alsoWorkers
call oil shekel
Eveining in Bay Shaveh
Machtesh Katan

9/18/1
Photo 7018 showing hammer bag bottom 1/2 ft glauconite
above Nubian ss.
pick 8-9, yr. above 9/18/1 looking W
bottom Nubian up to C+50C5.

9/19/2
Top of C-2 with Gastracodes all in
5' interval, partly catch, may be below
other part of C-2 with fossils
Shale in C-3 Yaakov Nir
MB281

9/18/3
Ad out 1 M. Kafem
Misty layer 7 C 4
171 040

9/18/4
Glauconite sh. Nachal Tzafit
pick 10 173/045" on Turonian? Onyx Y.N. is gun "Uzzi"
Onyx - 1745/0448
9/19/62

5 from Ber Sheba to
1st rd. W.

9-19-1
Paleocene at 1st fork.
Nitzana - Flat. Calcarenite. Shell bed. soft.
13 Cross bedding in Eze. "Ls.
1 PM contact Coord 008 334
110
12 Nubatean field with wells and cisterns
11 Nubatean field with small field cistern
10 Nubatean field with cistern
9 Beeraim outpost. Rel. group
8 Nubatean cistern near hewed rock
14 Nubatean bin for storage, archeological
16 Bin at headquarter
17 Geologists with guns
18 Hill above 17 looking N

9/19/2
2 legs.
Gharab fm. (Hastrecht)
Near well, chalk with limestones
streaks. Wells dry. Large well
with cat-tails. Collect. outcrop
above and slighter N of well.
19 Major T. Same 6/14.
24 Stuck radio truck
Left Bersheba in car and a tender with a radio and a sergeant to work it. Contact could not be made, so we stopped at Beersheba, a Nacbalout religious group. They sold us a radio repaired at Nitzana, an army post. Waited 2 hours at Beersheba. The boys and girls soldiers were very nice and argued as to who should watch. Girl went to gate with gun but no bullets. German shepherd watchdog very mean.

9/20/1 Top (Santonian?) near marker on top of cliff. Marker at section 62-5.
9/20/2 Menschke 27' below chart. 11920/02760 on 1/20000 map.
9/20/3 11800/02200 M. M. Eocene (Me 2)
9/20/4 M. Eocene below Tans Pond. Same bed as echinoids 11540/02060
9/20/5 Weathered down 100' below 9/20/4 spelled from rocks at side
Bridge 7

Resc - Plead Plead

Shiftman - Chief Nurse - Geophys

Point - Manager & Survey Engineer
Northern Galilee

Oct. 1, 1962

pid 192 N end of Kineret ? Korazim
Taken from Stad-Rosh Pmc Rd.

Line 3-10 Hole for pond to N # W # 9 # 10
Line 7 Section 9 Nubian ss (Weald)
Lcrs 117 a cliff is

11-12 Lebanon boundary Metula Sleep Metula - sick

Oct. 3, 1962

pid 13 Outcrop cliff from town.

The Menara section consists of a draw that is very steep and shallow. A road leads up to base of draw where Nubian ss crops out. Above the ss are 6 small mesas to a small cliff and above 45 or a sheer cliff "Blahblah". On Oct. 1 we searched for contact with N.s.s (Wealden) and with cliff - could not find. The day was terribly hot. I started a "migrane" - spent the forenoon in Natanya. Bought "Migranol" for $ 3.22 and took 2 tablets at 9 AM. The spots left but I was sick the rest of the day.

Oct. 2 returned to loc. below Menara. Took 2 samples of clay beds in Nubian and samples of soft cliff up the draw.
Oct. 2, 1962

10/2/1  Wealden, sandy clay above SS. near lowest pt. exposure = MH + 69.
10/2/2  6" clay seam in Wealden SS 200' + 5' ft.
35' above 10/21/1 taken at base
8 Wadi B section above place well.
10/2/3  Aptian LCR III a within a few feet above base. Contact with Nubian weakly
obscured, but this is below a 25' ledge and in probably near the base of
LCR III a. Wadi B section starts here
10/2/4  above 10/2/3 below 20' 2'/side 7' draw
= MH + 91
10/2/5  LS above 10/2/4 (directly above) = MH + 92
LS 2'/form
10/2/6  Sb. = MH + 95
10/2/7  Sb. below LS = MH + 101 above tundra bed
10/2/8  Sb. below LS layer = MH + 114
10/2/9  = MH + 121. SS with clay intercalating sample 2 clay hand picked from SS.
clay 2" w/1/2" thick
Oct. 3, 1962
Return to wadi below Menara & continue section.

10/3/1 clay ls. about middle 7 small cliffs near top LCRS III a = MH 137


10/3/3 Sand 20 cm = MH 159

Oct. 4, 1962
Hamulic dropped a rock on my head - wecked to Kiryat Selchoo and had a metal clip inserted returned to Jerusalem 7 P.M.
Nov. 13, 1962 to Menchehim Greenberg
Machtishch Hatlura (Gadol)
Lower Cretaceous

11/13/1 2nd sand sequence below clay
S' thickness = MG 142 - 144

11/13/2 base of clay above 11/13/1

11/13/3 middle J sequence near top of
bottom

11/13/4 top J clay

11/13/5 Main Oolitic Layer
1st. Marine intercalation
Macroporosity = 278 - 279.

11/13/6 Belemnitic (?) Bed 2 meters thick,
between two thin iron beds
at base = 290 - 291

11/13/7 middle J bed = MG 292

11/13/8 top J bed = 293

11/13/9 1/2 above 11/13/8 = MG 295
Mark clay about 18' thickness
bottom foot

11/13/10 2 meters above 11/13/9 = MG 300

11/13/11 2 m ± above 11/13/10 = MG 307 - 309

11/13/12 Top Q' bed 2 m above 11/13/11 = MG 315 - 316
Nov. 13, 1962 p. 2

11/13/13 = MG 508, shale below 3rd marine intercalation

11/13/14 clay, faint (?), look for U2
= 3rd marine intercalation
MG 5-38 ±

11/13/15 1.5 marine for: ~ weathered,
with gypsum to ½ " veins.
= MG 5-44 ±

11/13/16 chalk lens in clay
NO sm. below main dolite layer
Wadi Hezlar

11/4/1  upper part of Jurassic
Marl + mega. 21 m below tops. Oxfordian, Middle pt. 6. Bes Sheba LS. Marls. B. B.

11/4/2  Marl below topmost
coral zone about 3' above white LS.

11/4/3  Sponges in more below
coral bed

11/4/4  Marl with megaliths
25 m. below tops.

11/4/5  Brachiopods? 1 m. below

11/4/6  11/4/4 cut near dirt road
about 40 M below tops. 7 cut
L. Cret. 1513/0588
are
All above  Bes Sheba LS.
Dr. J. Lorch

Discarded Dec. 22, 1962

Pick 1 (11) Knife bet 3 = 4

Pick 2 (21) Knife W 3 to 5 (5 is yellow)
3 (13) going to 1
4 (?) hammer on bedding plane near Base 7 13
5 (?) hammer on 12/12/11 2nd at plant
6, 7 hammer on 12/1/11 Sample across ditch from pit 1 (11) = 2 ? 3 Baida
of Trench 3

12/2/62/2 on top 7.1 = 4 7 Baida side 7 Picture

12/2/62/3 = 5 7 Baida above 12/2/3

12/2/4 = 6 7

12/2/5 = 8 13 a &

12/2/6 = 9 13

12/2/7 = 11 13

12/2/8 = Gray Zone in 13 a
12/2/9 = 16
12/2/10 = 23 above artifacts in # 20
12/2/11 = 21 dense above grave P
Dec. 3, 1962

12/3/1 Water from L. Tiberias

12/3/2 Clay on shore & bottom in L. Tiberias at Qhelo - volume 16/16 - left 3 picus from Qhelo


Pic. 1-3 Hand loc = 14 7 Trench 3

12/3/4 = 53 7 Trench 3

Pic. 4, 5 Syncline N side trench 3 2 7 16/16

12/3/5 Oriented bed 11 near top dysp. Wine.

Water sample without hold from fish pond.

12/3/6 Lisan w. 7 Reit Zera
Dec. 10

12/10/62/1 Lisan rd. to Sdom Irish Bridge.
7, Nachal Tamir.
6 Most 2 sample from clay just
above pipe gravel and below 1/4" bed.

1807/0441 50-75' from road.

12/10/62/2 Clay on Sdom. Ein Gedi Road

100 meters southwest and Geo pipe.
at Bromine Platif.

Approx. 20' below the White V. Lisan
probably M. Park 3 lower lisan.

1850/0496 0

12/10/62/3 Cross bedded truncated lisan. Porphyry
1862/0509 footwells 2 Mt. Sdom.

near Pump. Pump house & black house.

12/10/62/4 Live ostracodes from sulphur
spring near Ein Charnel 20.5

12/10/62/5 Lisan, or older under large
sized boulders. Recent age.
5.7 Ein Besalk
Kilometer stone 20.5 from
Sdom.

12/10/62/6 Lisan filling old River Channel.
Nachal More 5' bedded gyp etc.

mark about 200 M. from road. 

for 260 M ± E 7 Main Fault.

1950/0739

12/10/7 Lisan, near old springs 150 M S.

SdomEin Gedi km 43

reworked.
12/11/1  1½" = yellow grading down to brown clay 
           ½" = gray layer

12/11/2  1½" = yellow and gray below

12/11/3  2" = darker limestone below

12/11/4  alternating gray and yellow
          6" about 6" above 12/11/1

Pic 10-12 limestone where odc were from

11 13  Ein Gedi spring, live oats, small sample

11 14  David spring, large sample

12/11/5  clay in center of quarry just
          east of Dimona - may be Hateer
Timna mine

Dec. 16, 1962

12/16/1
Shale in lower variegated Nubian SS. LE - Hominun
3" t. m ss.
Triassic or younger

12/16/2
6" bed of shale in产出, strat above 12/16/1
- copper ore in upper level

Dec. 25, 1962

Soak bet Ausf (NEY Tel Aviv)

12/25/6
12" hole in front of Timna River about 6' below surface, sand below water. Brown top soil probably a sand dune.
1/16/63

1/16/63/1 Malden #21 sand

1/16/63/2 12 ft below 1/16/63/1

1/16/63/3 Old cut opposite Abundino
   Bentonite on Top of sand
   Albian.

1

1 61 ft sand near Top of sequence
   above 2nd marine intercalation

2. Bentonite, Albian, 0395/1522
   same 1/16/63/13
1/2/1  Bottom of sh. kastriolite etc (15 m. 82)
         L. to Levenson 11/1963
1/2/2   Green 6.9 m.
1/2/3   LS. point 12 interbedded with ash
         about 7' above 8 sh. variegated
         laminated LS. point 18 g
         Discarded
         Ostr. 6
         LS. Gast. 12.83

4    LS. along 6 for 2. m. shale sequence
     15' + above, 12' 22
8    LS. with breccia & Gast.  

acid 7
Wood 6.8
acid 6
Wood 6.8

Top of Molinia, not in line 7 sec.
ref. 6 weathered on dip slope
1382/9995

10 Middle 7 reef 89± 5' below 9

11 Discard blocks in big bag
Starting T.

1/22/1
Massive Lg. in wadi Top of Kapala Lg.
plus weathered just above bed. Paint x 21
T3 6.0 m. above base & T3 on sec.

1/22/2
Weathered 2 m. below point 27 15.6 m.
below 13.51 at 200 ft. on sec.

1/22/3
Massive Lg. gray pt. x 28

Discol. % Zako # 5

1/22/11
Plenty red Lg. in road 1'7 above
station X, bet. 1/22/1 and 1/22/2
0.5 m. of xylene Lg. in sec.

1/22/12
Massive Lg. just below 1/22/4 on st. X

1/22/6
for Lg. above 1/22/4 point x 26

1/22/7
Lg. point 31

1/22/8
Lg. pt 33 above "encrinite" Lg

1/22/9
Marl pt. 34 Missura

1/22/10
Lg. 2'7 weathered red points 35-37

Pt. from 1/22/10, 10-13 looking E 14.6 W. 
look where you see red.

1/22/11
Green Sh. & overlying Lg. point W 2
forms dip slope
Jan 22, 1967

1/22/12 Soft above (W) below thin ls.

1/24/13 yellow, may 6 ste. 14
below platy dol, one gray dense Co.
below 279.3 H of section T 5

carnian.

1/22/14 Bone verticulus Co. St. 16

1/22/15 Brown gyp. mudstone point 29.

1/22/16 Stalked W. cruddy ls. + weathered.

1/22/17 Marks immediately above the gyps.
  of the quarry. Above +12 1/22/16

16#17 in n. 7 Gyp. form, bolt
  above gyp. of quarry.
Machtlesh Ramon
Feb 10-12, 1963

2/10/1
Box 2

2/1/1
0/1/2

2/11/1
0/5/1

2/11/2
0/5/2

2/11/3
0/5/3

2/11/4
Box 4

2/11/5

2/11/6

2/11/7

2/11/8

Plants: Nacl

Brachiopods: none
contact with magmatic inclusions
Plants: base 2, mid to late
Zone 5 on range, 1rrana
1385/199945

Zone 5 on range, 1rrana
1382/199814

Ls. above Gypsum vein 7 soft
stuff above it: anhydrite Wd. rd. 10 ft. 1/2 to about 10' cleaned
map recorded: or slump on stinkenstein
1376/0010 = T? (Type section)

Middle Jurassic continental
Lakes alternating Iron beds
with plants which wind blown clays sand again sample
7 Ironsands, 6 ironstones with plant 135/005

Lowest red marl fossil
layer Jura. above 2/11/5
Bathonian

Lithogr. ls. joss. indolomite alba
2/11/7
Bathonian ?

Sandy marl on dolomite
Marne & Cr. inter
1325/9027
2/12/1 Marly questa
0.5m in line above plant clad
2/12/2 Fleestone scree, small, in wadi after picture
2/12/3 Red questa channel
0.5m section 2 from talus near dike
2/12/4 Top of red questa, narrow zone near dike
2/12/5 Calcarenite, top of Trias, below flint clay, Nablul Ardon
2/12/6 Oolitic ls. wedge on Gypsum
                          coll. below ls. = ls. U Trias
                              Wadi Ardon
                       Top of Marly sequence (Jurassic)
                      hill in Wadi Ardon
2/12/7 12'1 below 2/12/6 = U Trias;
      Equivalent Gypsum = T7

2/12/8 End of Re (contains Crinoids, Trias
2/12/9 La Sabinum ? prod. Tr 2
2/14/10  marley crushed
3 oz. 627 train

2/12/11  1st Marine in Tarzella
on Rd to Mige Rue
red bs. and mark on top.

Call: Green Man
Copy

10/2/2 6" clay seams in Nubian

10/2/3 Below LS. ledge, above white ss. (left side)

10/2/4 Above 10/2/3 below LS, 2 1/2" on right side 7" draw.

Joe Berman Roll 5 chlo 20' 1/2
3/19/63/1

3/19/63/1 Channel sample 3' + 1' wet brown clay, N side 1' draw
10' - 15' above Nubian SS
50% FeCl3 soluble

3/19/63/2 Yellower harder stuff 1'
Above 3/19/1 Picture 19' bag at level of sample

3/19/63/3 Pit Hammer above bag on sample
3' + layer between LS, just above also some 3' LS below 1/2

Pit 20 - from below showing cut 3 sample

2/19/63/2 3/19/1

11 = 3/19/1

0' 1/2
Mt. Carmel  Voshman
March 20, 1965

3/20/1  Middle Cenomanian Chalk
"Q2" on rd. between Ras el Sheba
and the village of Esfya. Isfya
on rdsie exp. Top of Carmel.

3/20/2  Dahlia marl (L. Turonian)
S. of town. Dahlia near rd. old pit
Marl be low base Turon.

3/20/3  Road bet hft. Shefaim to Zikhron
Yaakov. Quarry in Paleocene(?)
S. of Shefta in map-incorrect.
Semnanian. Quarry S. side Rd.
W. of large quarry which
is N. of Rd.

3/20/4  Wadi Shalale below Kibbutz?
Beit Oran. M. Cenomanian interlayed
with Radiolids. Silurian.
3/27/1  SS. face base 7. Second mantle lowest from bed. Below it  
  Bin grams T1 - 27.7 m of sec.

3/27/2  Silty SS. # sh. above 3/27/1 separate from SS. by red sh. Above thin is  
  a sequence with wood, sh. & SS. varieties  
  T1 - 28.2 m. 
  Thin form - line in shale with Mixphorics  
  Found Placidoes Tork & Hoss T1 - 53.7 m  
  bag & banner on call. 3/27/3

3/27/4  Prot. weathered Bemheca. hyper or  
  just below vent layer  
  Highly poor LS. T1 - 78.5 m

3/27/5  First hard LS. Top Bemaheca member  
  Shale just below, sample 7 sh. & 48  
  overlap by x bedded SS. T1 - 91.3 m

3/27/6  Shale, base 7 T2, Nylon Bag  
  or very top T1 126.0 m

3/27/7  for. LS. with limonitic bands & sh. thin  
  seams above & below.  
  Sample 7 weathered 65 sh. 131.0m T2

3/27/8  Meal spot alone 1/21/8 at about same  
  place Middle T2, 149-151 m

3/27/9  Large panels float, shale 3 1/2/18  
  below wavy LS. horizon T2 145-147 m.  
  on 3/27/6 broken & Mostly T1. Top of T2  
  Top ridge very hot, 327 N & N. T2 & T5 are 1/24/18  
  Shale 7 3/27/6 4-7 from below  
  3/27/4-7 from SW 20 km N
3/27/63  p. 2

10 - T5, near base 258.6 m f sec. 1375/00003

11 - T5  260 m f Type sec. 13752/00004

12 - T5  261 m  "  "  13752/00005

13 - T5  262 m  "  "  13751/00007

2/14  Hvirja Anticlinal point 4

8 meters above base T5

3/27/5  Immediately below top of T3

3/27/6  Fossili 45.  Zaku's sketch.  L. Cret. marine sample with

3/27/14  U. Pt. T2 # 154 m f Type sec. 13755/00121

Pic 14  L. Cret. marine sample with

Pic 15  L. Cret. # 11-2 #1 sample with Xelos.

Nov 19  Mocalp from W to E
April 2, 1963
M. Goldberg

4/2/1
Box 4
4/2/2
Box 4
4/2/3
Box 4
4/2/4
Box 4
4/2/5
4/2/6
4/2/7
Box 4

4/2/1: Ly. about 14 m above base
Typsec. bed 62/2/6A
Call, brack pans, and weathered stuff representing
30 ft 7 wash? Cooper

4/2/2: Near Kurumbal 2. Type sec. bed 62/2/2
shale with extracodes fossils
part 7 sh. 2B to 2D 3 section

4/2/3: Above 4/2/2. Bed 62/2/2/6
Brachiopods spiral crinoid?
Mega fossils? to Cooper
Marl Israel G.S. Type sec. 62/2/10
Key develops above horizon -

4/2/4: 4-2-3. Light color
S.S. Shale

4/2/5: More chalky facies 1 lithographic
Ly. above reef 62/2/2/26 B
2 pelecypods placed 1 from above
marked in black
No Mega fss

4/2/6: Mega fossils? I.G.S. Type 62/2/75-76
may be wrong on field label

4/2/7: 1 km S.S.E. of Man type sec. Line
62/2/126-133. Cyclic soft & hard
Virgin loc. Almost base of 720 ft shale

Pictures

To Cooper
4/2/8 Top of 62/2/102 on section
at base of Bar Shaba LS. Top
Zoar Shale - Micrurus

4/2/9 Bed 1: Silicified conlons
large gastropods - maybe torban.
has silic. Okt. in Bar Shaba
LS.

4/2/10 Base of Zoar Shale 62/2/142
200 m below down hill junction o IFK.
L. Cret. bottom part Rd. # Main Rd.
Brown s green

4/2/11 Discharged

4/2/12 L. Cret. Upper pt. Green bar. forte
15 mt above 4/12/11 sample just below
pseudotrees.

4/2/13 First Marl layer in Concepcion
going out of M. Hetlinia, a
land in Rd. 0

April 2, 1963
P. 2
May 2, 1963

5/2/1/63  10 cm. just below gypsum

5/2/2/63  70 cm. below 5/2/1 has same gypsum in it. Channel sample.

5/2/3/63  Piet' col. new. hammer just below gypsum. F8/1000/f16/200

5/2/4/63  Dolomite or shale interbedded with 9 cm. above 5/2/1 weathered
dust and broken pieces. 3 cm. above gypsum. 5 cm. thick.

5/2/4/63  15 cm. Tann col. above. Thin gypsum seam and above thick red shale. about 3' below 5/2/1.

5/2/5/63  Bottom 2' of poor. Ls. weathered.

5/2/6/63  0.6 m. channel in shale below 5/2/5

5/2/7/63  Shell above 25.7 5/2/15/63

5/2/7/63  U. tril. ostrac. zone cell. 5/2/8 -

5/2/9/63  Yellow zone below 15. - 75

5/2/9/63  = 3/17/12913; Channel sample

5/2/10/63  259 x 7 m. below 5/2/9 nested values
May 2, 1963

5/2/11  Some 3/27/63 shale below weathered LS.

5/2/12  Rotten LS just above (5/2/11 = 73/32)

5/2/13  Shallow 5/2/12 above white SS.

5/2/14/63  Shale in T1 between # below organic unit.

5/2/15/63  Green shale above Stain Beer

Discard T-7, re No 7 pump plant

5/2/16/63  Black pozzolana 1/16/13 "White Clay"

Discard 5/2/17  Stain Beer 1/16/13 yellow in box 5/2/14 thick with dirt
5/7/63 Temporary pot #2. Rash Zone
   Ethan Baker
Discarded Nothing
5/7/63 Locate Wadi #7 Matsada
   1/2 km S.7 E. 2 m. west of direct high. S. Northwall 4
   6" wall below screece group
   20 N side of Wadi

5/8/1 2 jars Melon
5/8/2 Bag from pool (1000) below

5/8/3 30-40 cm above 5/12/11/1
       Bl. & W.

5/8/4 Same as 12/4/14

5/8/5 3" just below 12/11/1

5/8/6 25 cm below 12/11/1

5/8/7 Matsada - cross bedded.

5/8/8 Above crumbled W. 1/2 5/8/7
       1/2" channel.

Pit: Danny
5/8/9
Same as 12/10/3
Cross bedded gravel
with 5" + 7 finkey veins
about 1/4 behind rd. level
gravel also below.
2 bags N Wood Horse
Similal bags 5 & 7 Black
Wood Horse
Put Denny

5/4/10
Living Ostracodera

Ein Gedi spring live Darwinula with black spots, h. Rep. shells = Ilyocypris, ?

Lake Tiberias Live "Goerlichia" Darwinula: brown spots shells = Ilyocypris

one Darwinula suspended 20 hrs on film of water, still alive.

Fish pond near Tiberias - live Cypriidae


Darwinula

Salts of Knerel in same proportion 30 per cent per litre = sea water

Darwinula died in 24 hrs in 30% Ilyo
" lived 2 weeks plus in 15x 5% Ilyo
" lived
" lived
" lived

20% Ilyo

7 1/2 % Ilyo
Naples
1 mile W. of Isca Point
Pleistocene: Segovia type fauna.
Triassic
Paris Basin with M. Guittanwe
July 17, 1967

7/18/63/1 Ceratites bed, clay, sand, clay
Red cut Rd. #4 B. E. B. - B. E. B. - B. E. B.
Sauterburg East bank, near road, on map
about 20' below top
7/18/2 Quarry Top Volcanic, L. Muschel
Grey, coqueiller 1 foot above
Limit clays,
LS. with volcanic and top 2

4. l
limit. sandsh.
yellow-brown clays

Top of
lower fault

Volcanic
Horiun
Halsburg quarry at Dammsburg

7/18/3 above # below limit about 1' below 7/18/2
7/18/4 clay 25 2' 2' above 7/18/2
7/18/5 Rd. N. 4, Mittelbrunn 1 km. side 7 yd.
Prob. "brown" field Baso 7 well east of
PI 4 - call from bank on rt. 100' 5 by Ca. M. 1. 78

No 75 Blatt Palfzbug, Germany has
Geology of above area
Trias
France
7/18/6 M.D. corner Muschelkalk 'Wellenkalk.'

Jetites beds
501
(15 m)

Sandstone

Malm

Note: Sieuhiller - new road block.
Side 7 rd. Pict. 5 & 6
Rd. 67 on map.
Pict. 7 Sarre-Union distance Muschelkalk landscape

Liriqula beds at base of 7th Torciten Kalk (Calcaire à Tragède)
= Top Middle Muschelkalk

Ceratites zone about 7m above base
contains Lucernao fossils:
1st clay above Torciten Kalk (Crimin Kalk).
Trias, France

7/18/10 oolitic layer in Middle of Tretation Kalk about 3 m below Top

50m

7m

to 8'10m

top of Middle Flusch

5'6 m

7 ½ 10 Setting N end of village near restaurant cut for parking place

in cell 7/18/17 8-10 above

pit 8,9 cell 7 on 8', cell 10 above pict 9

8 pict
Trias, France
2/18/03 p. 4

2/18/11 Martigny Line

2/18/12 Caravate Zone - Quarry
Sy Martigny Line
Witting Quarry

2/18/12 Middle of 7 Lettunkohle
S.E., and of Kleinchenelles
(Petit Ebenville)

2/18/12 About 4 m. above 2/18/12
Lettunkohle
West of Kleinchenelles

2/18/14 Just above Lettunkohle, bone
of Keimer in Schossu Trench
at Haldimont Verheuck

2/18/15 Map of Top 7 Lettunkohle
1" below 2/18/12
Pit 13-15 detail above

2/18/16 RR cut HTBL NW Faulquermont
Terebratula, Keilb
1 m under Top 7 Muschelkalk

2/18/17 More below 2/18/16 west and S
Pit 16 #17 RR cut
Trias, France
7/19/18
Leinfield 7/19/16
7/18/16 in weather
Just below 7/18/18
This is top of Muschelkalk
contains fimbriae?

Met
Dr. M. Gilliquame, son of
Louis G., in Hotel Carlin
Mets at 7:45. Drove to
Pfalzburg Trias is rolling
Topography (see photos)
and exposures are poor.
A few road cuts, several
quarries, one sewer-
ditch, one new house and
one railroad cut were visited.
At least one sample from
Each M. Trias was collected.
Arrived in Trias RR at 7:50 P.M.
in time to catch 8:03 train
To Paris.

Mr. G. talks to himself.
He promised to ship all
but 100 to 150 U.S.
sent regards to cliff Kay.