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1976 (Supp.)

Invertebrate Paleontology  
Earth Sciences Division  
Natural History Museum

SUPPLEMENT

Great Basin Field Trip

Day 2 -- White-Inyo Mountains, California

All STOPS referred to in Figures 1, 2 and in Explanations for Plates 1-8 should be prefixed by 2. (e.g., STOP 1 should read STOP 2.1 to conform to Guidebook).

C.A. Nelson

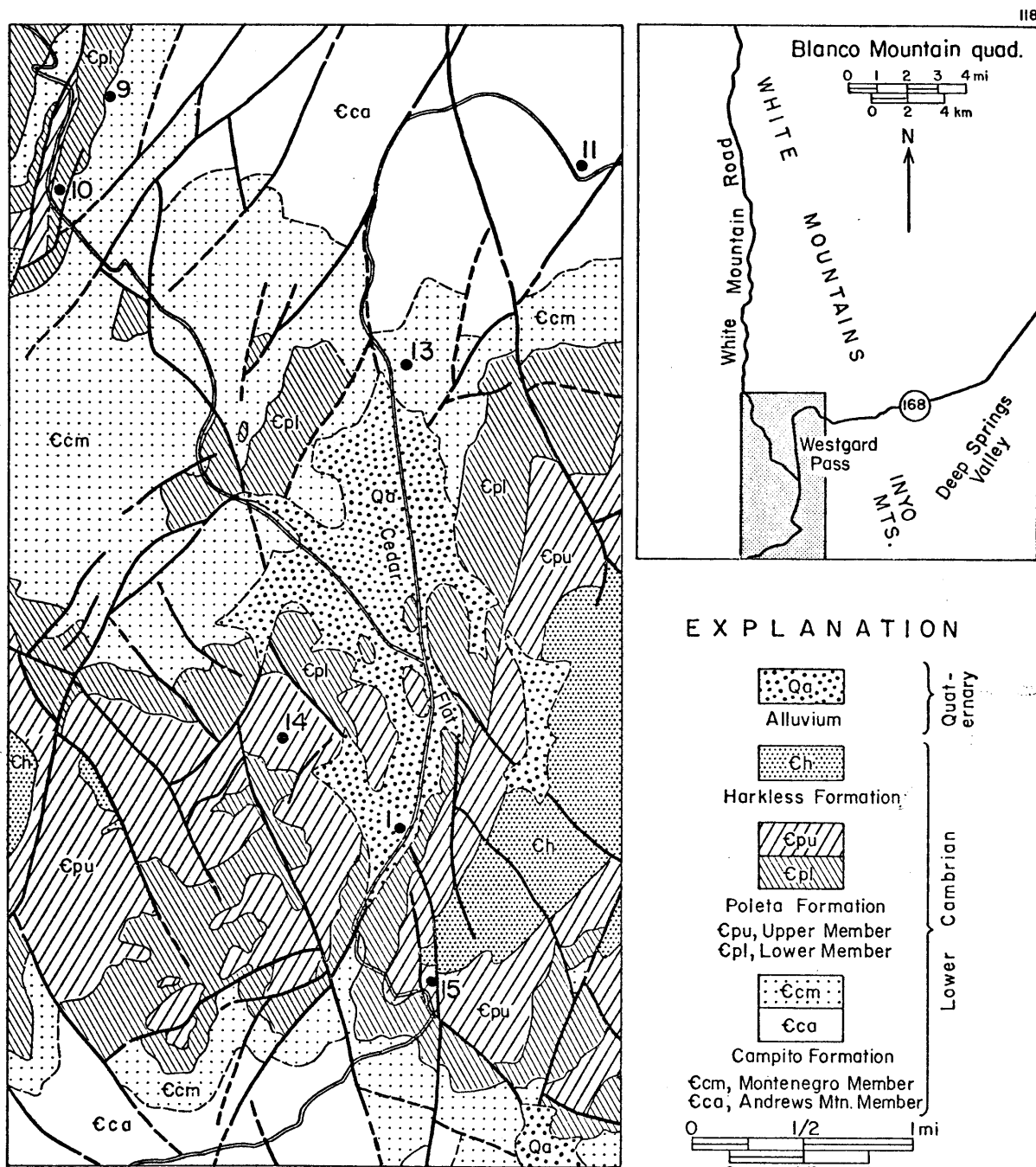


Figure 1. Index map and geologic map showing geologic occurrence of STOPS 1 (general view), 9 (archeocyathid reef in Ccm), 10 (Cpl archeocyathids), 11 (trace fossils in Cca), 13 (*Fallotaspis* in Ccm), 14 (*Eocystites*, *Helicoplacus*, *Nevadella* in Cpu), 15 (section of Cpu-Cpl). Geologic map from Nelson (U.S. Geol. Survey Map, GQ-529, 1966).



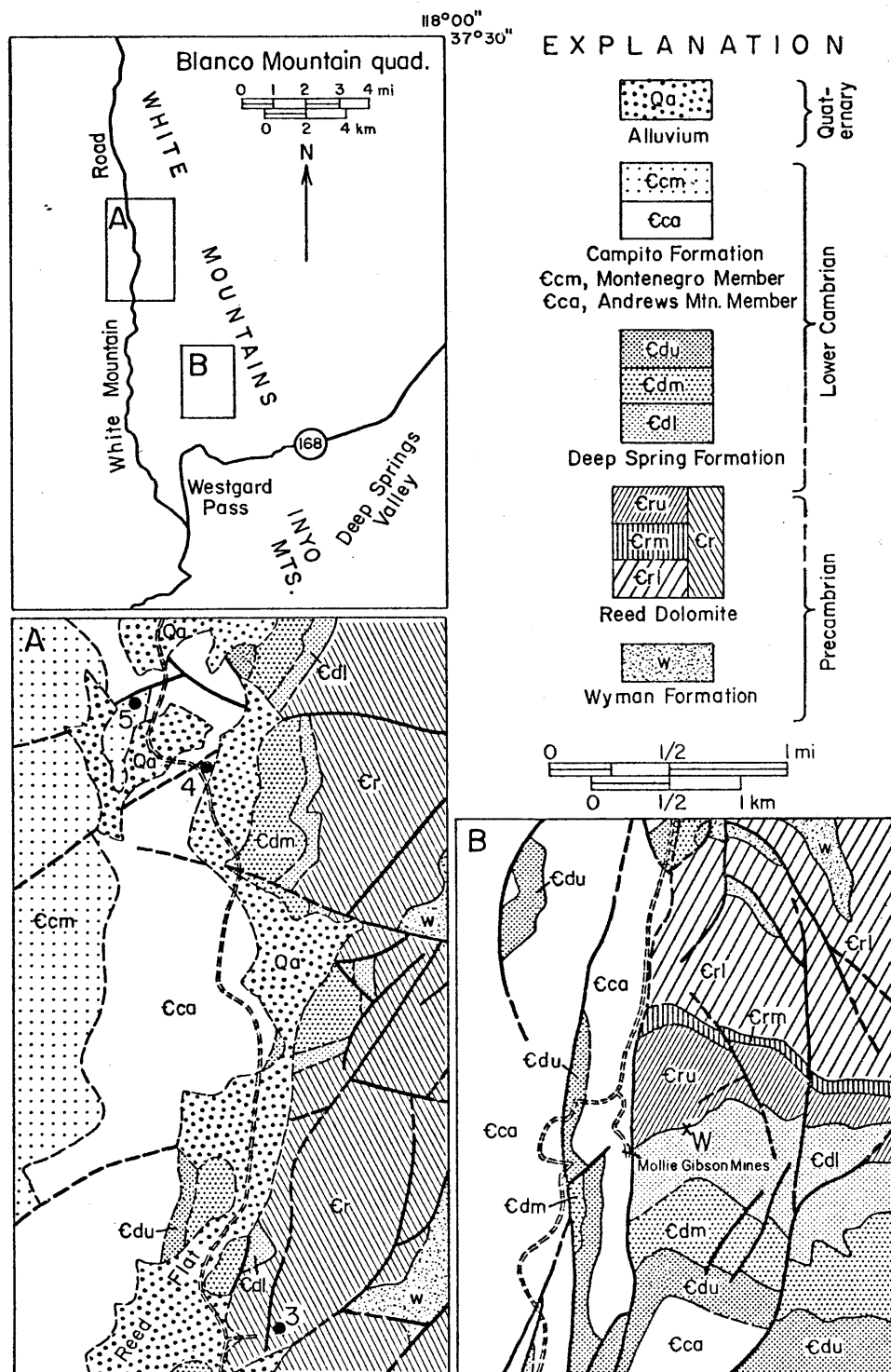


Figure 2. Index map and geologic maps A and B showing geologic occurrence of stops. Map A - STOPS 3 (Bristlecone pine grove and (?)Wyattia), 4 (trace fossils in Cca), 5 (Fallotaspis in Ccm). Map B - W (type locality of Wyattia). Geologic maps from Nelson (U.S. Geol. Survey Map, GQ-529, 1966).

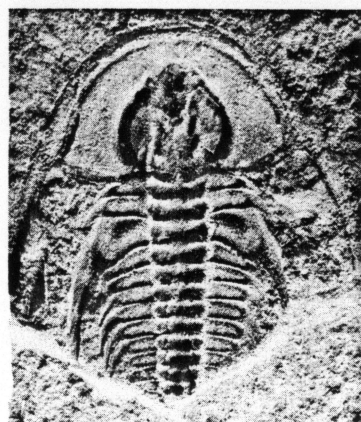
PLATE 1

Fallotaspis Zone

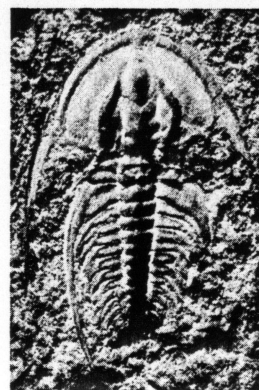
Fallotaspis

Figs. 1, 2, 4, 6, 7, 9, 11, 13 -- U.C.L.A. locality 6748 (STOP 13); 3, 5, 8, 12 -- U.C.L.A. locality 6749 (STOP 5), Montenegro Member, Campito Formation.

10 -- U.C.L.A. locality 6821 (Waucoba Spring quadrangle, Inyo Mountains, California), Andrews Mountain Member, Campito Formation.



1 7363 x2



2 7406 x2



3 7367 x1



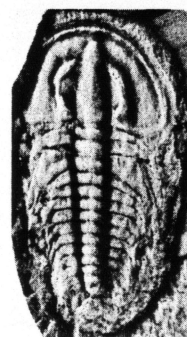
4 7365 x2



5 7366 x2



6 7368 x2



7 7369 x1



8 [7371] x1  
= 13021

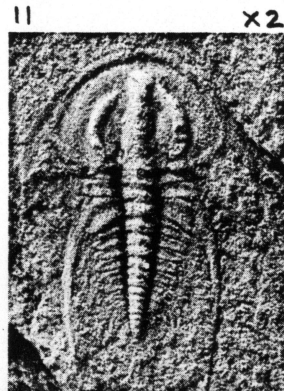


9 x2

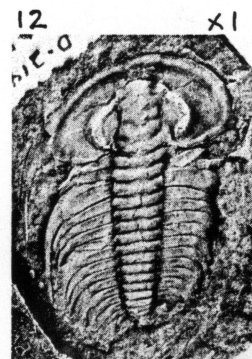
Berkeley  
specimen



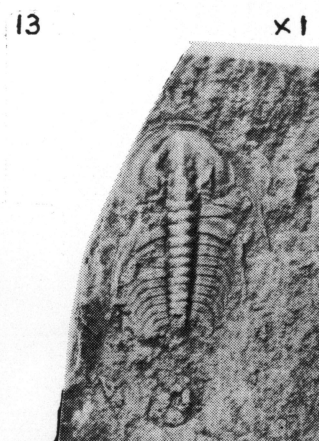
10 x1



11 x2



12 x1



13 x1

7364

7362

7370

7363

# *Fallotaspis* Zone

not same as  
fig. 1 (same type #)

PLATE 2

Fallotaspis Zone

Montenegro Member, Campito Formation

Daguinaspis

Figs. 1 -- U.C.L.A. locality 6789 (Waucoba Mtn. quadrangle, Inyo Mountains, California); 2 -- U.C.L.A. locality 6748 (STOP 13).

Judomia

Figs. 3 -- U.S.G.S. locality 3784 (Esmeralda Co., Nevada); 4, 7, 11 -- U.C.L.A. locality 6824 (Bishop quadrangle, White Mtns., California); 5, 6, 9 -- U.S.G.S. locality 04131 (Esmeralda Co., Nevada); 10 -- U.C.L.A. locality 6823 (Waucoba Spring quadrangle, Inyo Mtns., California); 12 -- U.C.L.A. locality 6748 (STOP 13).





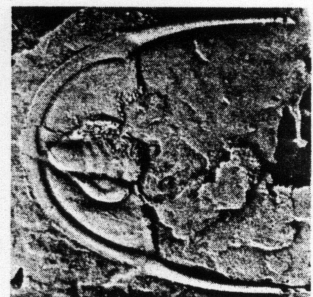
1 7372 x2



2 x3

*Daguinaspis*

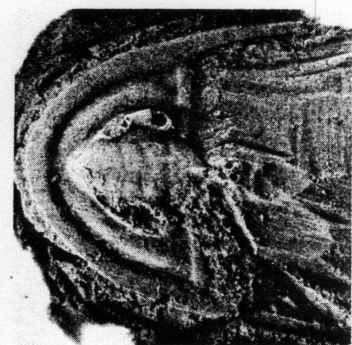
*Berkley specimen*



3 USGS x1



4 7375 x2



5 04191 USGS? x2



6 04191 (USGS?) x3



7 7361 x2



8 56805 x1



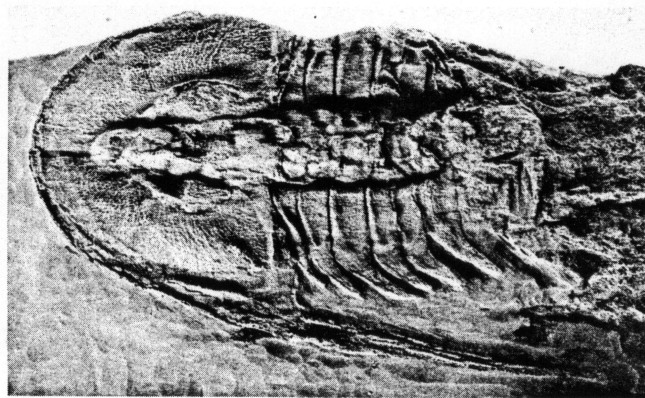
11 7373 x1



9 04191 (USGS?) x3



10 7374 x2



12 7371 x1

*Judomia*

# Fallotaspis Zone

PLATE 3

Nevadella Zone -- Holmia faunule

Montenegro Member, Campito Formation

Nevadia

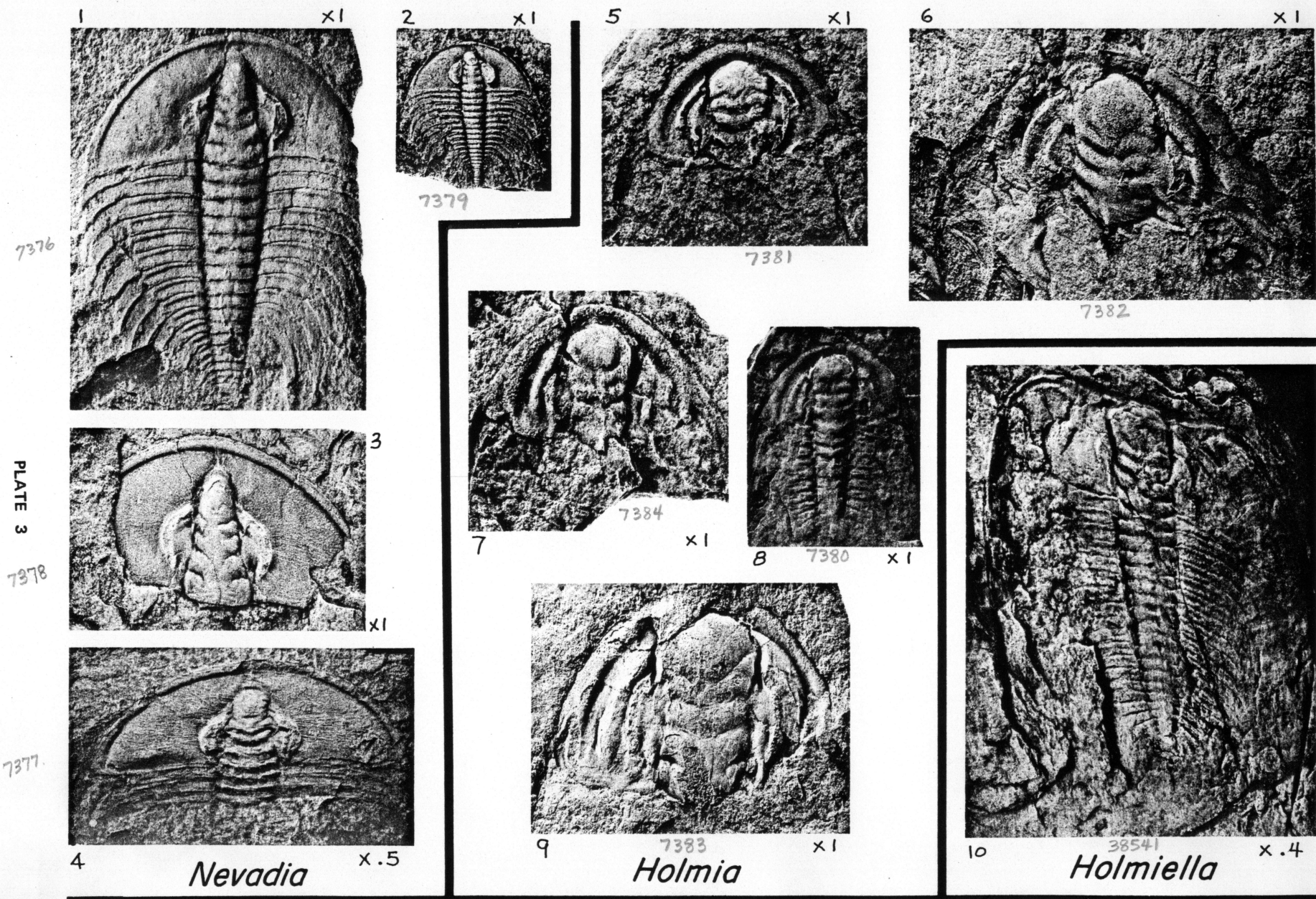
Figs. 1, 2 -- U.C.L.A. locality 6864 (Blanco Mtn. quadrangle, White Mtns., California); 3 -- U.C.L.A. locality 6770 (Esmeralda Co., Nevada); 4 -- U.C.L.A. locality 6751 (Blanco Mtn. quadrangle, White Mtns., California).

Holmia

Figs. 5, 8 -- U.C.L.A. locality 6752; 6 -- U.C.L.A. locality 6864; 7 -- U.C.L.A. locality 6751 (Blanco Mtn. quadrangle, White Mtns., California); 9 -- U.C.L.A. locality 6770 (Esmeralda Co., Nevada).

Holmiella

Fig. 10 -- U.C.L.A. locality 69<sup>3</sup>~~9~~3 (Miller Mtn., Nevada).



*Nevadella* Zone — *Holmia* faunule

PLATE 4

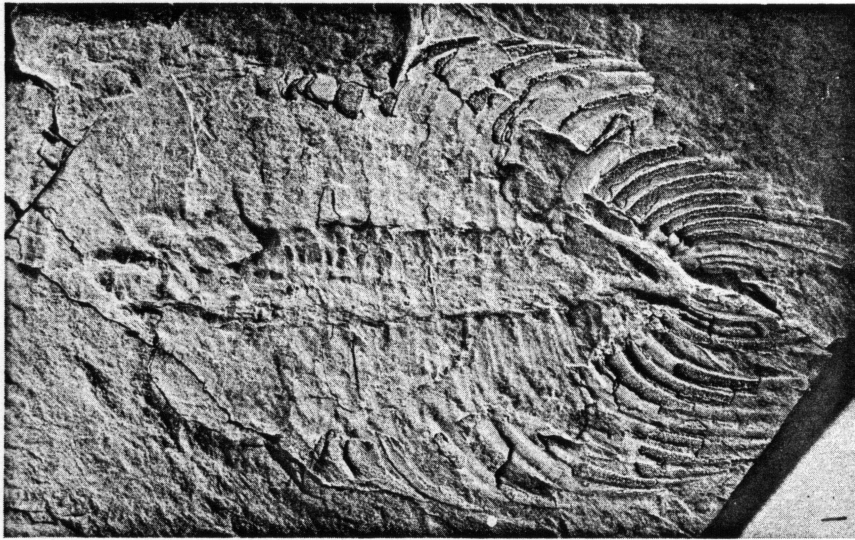
Nevadella Zone -- Nevadella faunule

Basal Middle Poleta Formation, Blanco Mtn. quadrangle,  
White Mountains, California

Nevadella

Figs. 1, 4, 8 -- U.C.L.A. locality 6759; 2 -- U.C.L.A. locality 6122 (STOP  
14); 3 -- U.C.L.A. locality 6761; 5, 6 -- U.C.L.A. locality 6763;  
7 -- U.C.L.A. locality 6772.





7385

PLATE 4



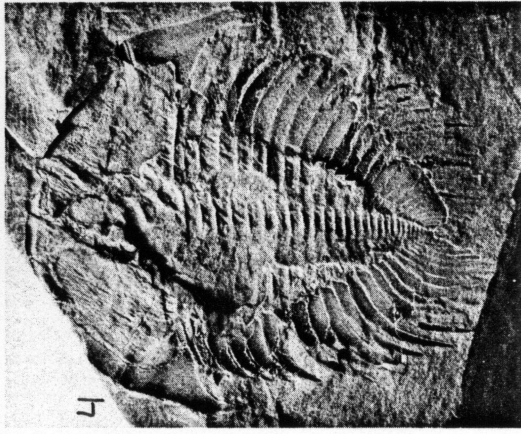
2

7392



3

7388



4

7390



6

7387



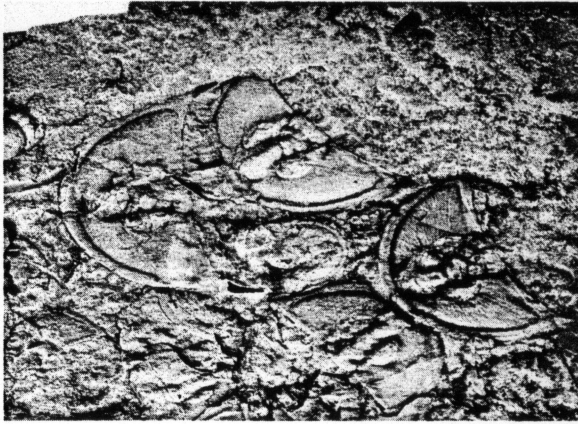
7

7389



5

7386



8

7391

*Nevadella*

All x1

# *Nevadella* Zone — *Nevadella* faunule

PLATE 5

Bonnia-Olenellus Zone -- Olenellus A faunule

Middle Poleta Formation

Olenellus

Figs. 1, 2, 4 -- U.C.L.A. locality 6869 (Goat Is., Esmeralda Co., Nevada);  
3 -- U.C.L.A. locality 6862; 5, 10 -- U.C.B. locality B4016; 6 --  
U.C.B. locality B4030; 8 -- U.C.L.A. locality 6778; 9 -- U.C.L.A.  
locality 6843 (Blanco Mtn. quadrangle, White Mtns., California);  
7 -- U.C.L.A. locality 6849 (Gold Point, Esmeralda Co., Nevada);  
11 -- U.C.L.A. locality 6830 (Waucoba Spring quadrangle, Inyo Mtns.,  
California).

Laudonia

Figs. 12 -- U.S.G.S. locality 3651; 13 -- U.S.G.S. locality 3784; 14 --  
U.C.L.A. locality 6828 (Esmeralda Co., Nevada).

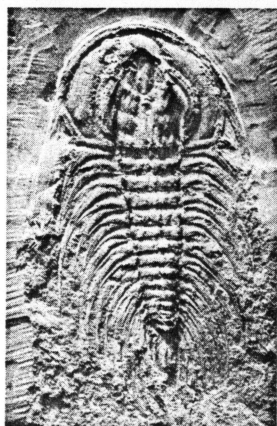
Ptychoparids

Figs. 15, 19 -- U.C.B. locality B4016; 16 -- U.C.L.A. locality 6780;  
17 -- U.C.L.A. locality 6866; 18, 20 -- U.C.L.A. locality 6843  
(Blanco Mtn. quadrangle, White Mtns., California).

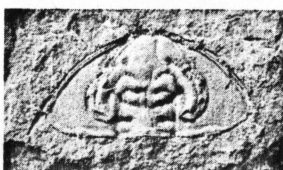
VCB  
B-4030  
15920



1 7393. x1



6 x1



9 7394 x2



2 7395. x2



4 7396. x2



7 7400. x2



10 VCB B 4016 x2



3 7397. x1



5 VCB. x1  
specimen



8 7398. x2



11 7399. x1

*Olenellus*



12 (?) V565 3651 x3



13 (?) V565 3784 x1

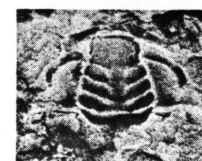


14 7401. x2

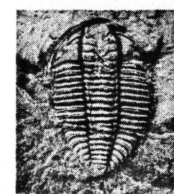
*Laudonia*



15 B 4016 x2



16 7403 x2



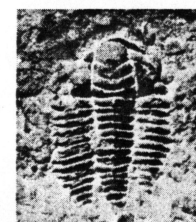
17 7405 x1



18 7402 x3



19 x2



20 7404 x2

Ptychoparids

*Bonnia-Olenellus* Zone — *Olenellus* A faunule

PLATE 6

Bonnia-Olenellus Zone -- Ogygopsis 1 faunule

Basal Harkless Formation

Olenellus

Figs. 1 -- U.C.L.A. locality 4404; 2 -- U.C.L.A. locality 4407; 3 --  
U.C.L.A. locality 4411 (Miller Mtn., Nevada); 4 -- U.C.L.A. locality  
6873; 5 -- U.C.L.A. locality 6845 (Esmeralda Co., Nevada).

Ogygopsis

↑ Inyo Co., CA

Figs. 6, 7 -- U.C.L.A. locality 4411 (Miller Mtn., Nevada).

Edelsteinaspis

Figs. 8, 9 -- U.C.L.A. locality 4404 (Miller Mtn., Nevada).

"Protolenid"

Figs. 10, 11, 13 -- U.C.L.A. locality 4411; 12, 14, 15 -- U.C.L.A. locality  
4405 (Miller Mtn., Nevada).

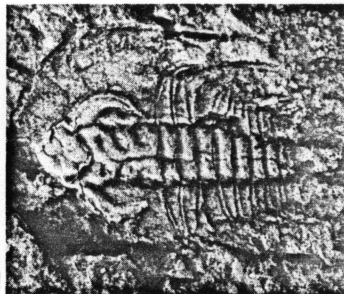




x1

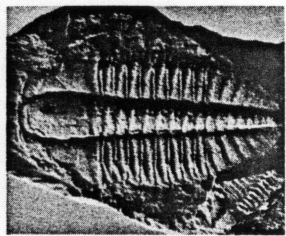


x1

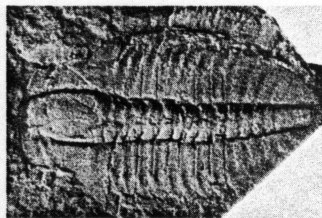


x1

*Olenellus*



x1



x1

*Ogygopsis*



x1



x1

*Edelsteinaspis*

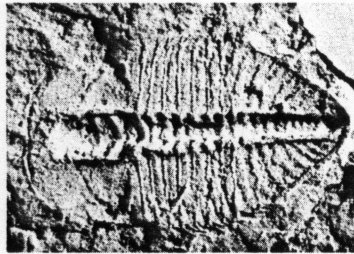


x1

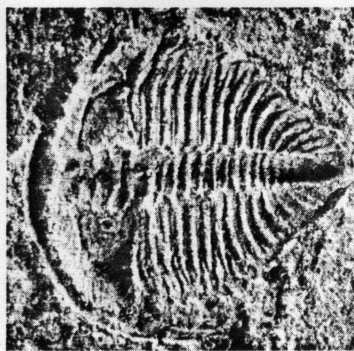


x2

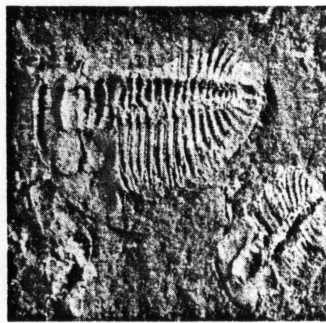
7412



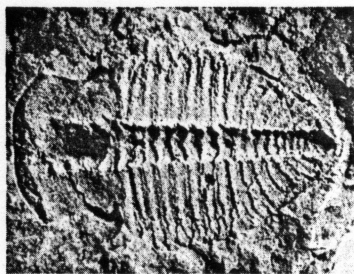
x1



x1



x1



x1



x1

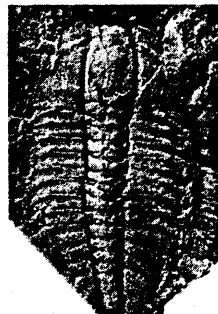
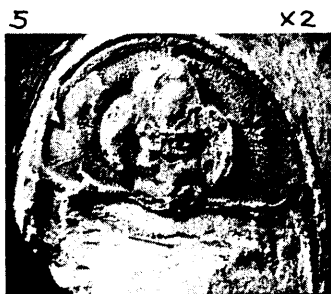


x1

"Protolenid"

All x2

# Bonnia-Olenellus Zone — *Ogygopsis* 1 faunule



*Ogygopsis*

*Edelsteinaspis*

*Olenellus*

"Protolenid"

All x2

*Bonnia-Olenellus* Zone — *Ogygopsis* 1 faunule

PLATE 7

Bonnia-Olenellus Zone -- Ogygopsis 2 faunule

Saline Valley Formation

Ogygopsis

Figs. 1, 5 -- U.C.L.A. locality 6810 (Waucoba Mtn. quadrangle, Inyo Mtns., California); 2, 3, 4 -- U.C.L.A. locality 6851 (Paymaster Cyn., Esmeralda Co., Nevada).

Bonnia

Fig. 6 -- U.C.L.A. locality 6877 (Esmeralda Co., Nevada).

Olenellus

Fig. 9 -- U.C.L.A. locality 6851 (Paymaster Cyn., Esmeralda Co., Nevada).

Syspacephalus

Figs. 7, 8 -- U.C.L.A. locality 6851 (Paymaster Cyn., Esmeralda Co., Nevada).

Olenoides

Fig. 10 -- U.C.L.A. locality 6877 (Esmeralda Co., Nevada).

Zacanthopsis

Figs. 11 -- U.C.L.A. locality 6851 (Paymaster Cyn., Esmeralda Co., Nevada);  
12 -- U.C.L.A. locality 6142 (Gold Point, Esmeralda Co., Nevada).

Goldfieldia

Fig. 13 -- U.C.L.A. locality 6142 (Gold Point, Esmeralda Co., Nevada).

Onchocephalus

Figs. 14 -- U.C.L.A. locality 6851 (Paymaster Cyn., Esmeralda Co., Nevada);  
15, 16 -- U.C.L.A. locality 6854 (Magruder Mtn. quadrangle, Esmeralda Co., Nevada).



7421.

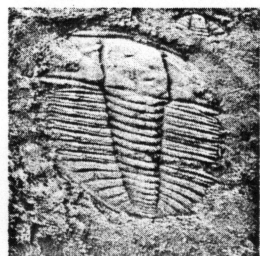


PLATE 7

7422.



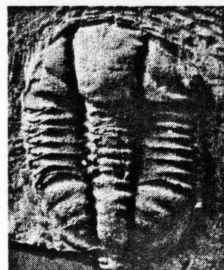
7423



2 7424



3 7425

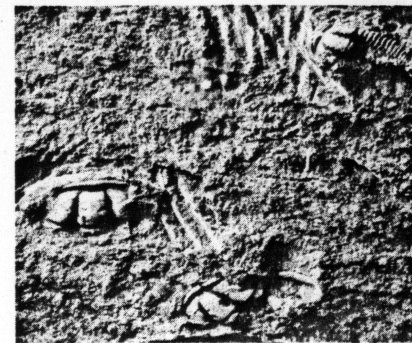


6 7427. x2

*Bonnia*

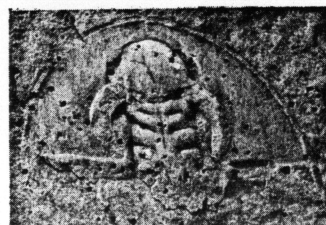


7 x2



8 x2

*Syspacephalus*



9 7426 x1

*Olenellus*



10 7428 x1

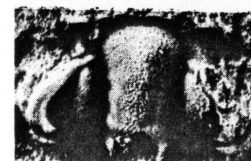
*Olenoides*



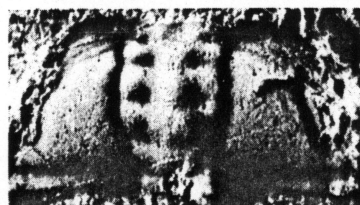
11 x2

7431.

*Zacanthopsis*



12 x5



13 x8

*Goldfieldia*



14 7430. x2



15 7432 x4

*Onchocephalus*



16 7429 x3

*Bonnia - Olenellus* Zone — *Ogygopsis* 2 faunule



PLATE 8

Bonnia-Olenellus Zone -- Bristolia faunule

Fremontia

Fig. 1 -- U.C.L.A. locality 4388 (Latham Shale, Marble Mtns., California).

Bonnia

Fig. 2 -- U.C.L.A. locality 6848 (Mule Spring Limestone, Waucoba Mtn. quadrangle, Inyo Mtns., California).

Crassifimbria

Fig. 3 -- U.C.L.A. locality 6848 (Mule Spring Limestone, Waucoba Mtn. quadrangle, Inyo Mtns., California).

Olenellus

Figs. 4 -- U.C.L.A. locality 4388 (Chamless Limestone, Marble Mtns., California); 5 -- U.C.L.A. locality 6784 (Upper Saline Valley Formation, Waucoba Wash quadrangle, Inyo Mtns., California).

Fremontella

Figs. 6 -- U.C.L.A. locality 4920 (Carrara Formation, Funeral Mtns., California); 7 -- U.C.L.A. locality 6875 (Saline Valley Formation, Esmeralda Co., Nevada).

Peachella

Fig. 8 -- U.C.L.A. locality 4388 (Chambless Limestone, Marble Mtns., California).

Onchocephalus

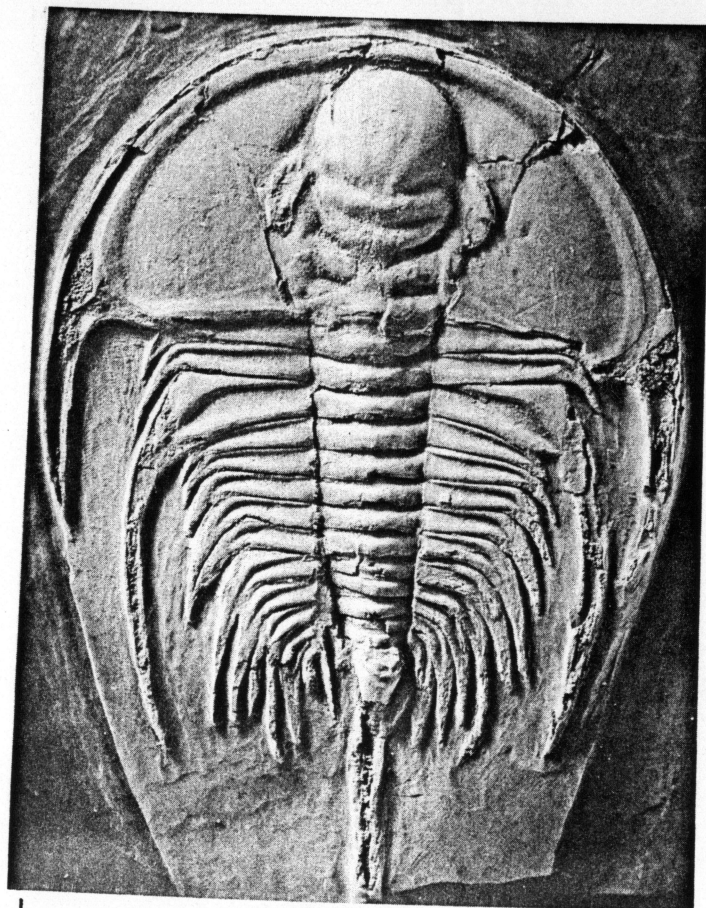
Fig. 9 -- U.C.L.A. locality 6848 (Mule Spring Limestone, Waucoba Mtn. quadrangle, Inyo Mtns., California).

Bristolia

Fig. 10 -- U.C.L.A. locality 4388 (Latham Shale, Marble Mtns., California).

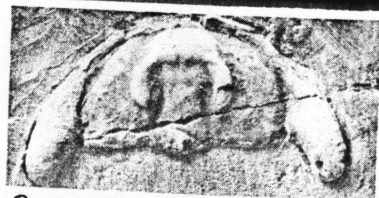
UCLA  
34973  
LACMIP  
2470

PLATE 8



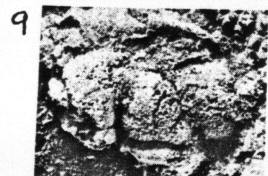
*Fremontia*

x1



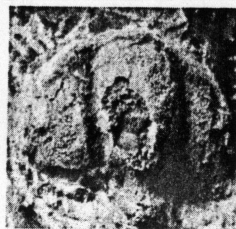
*Peachella*

x3



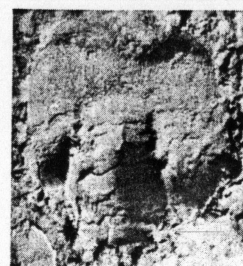
*Onchocephalus*

x2

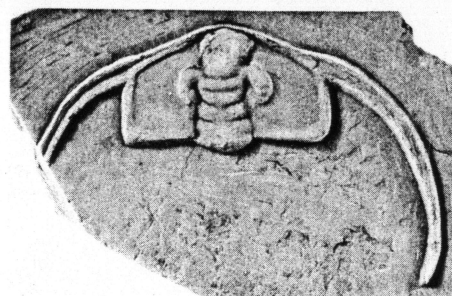


2 7433 x2

*Bonnia*



3 x2  
*Crassifimbria*



6

x1



7

7434

x2

*Fremontella*



4

x1

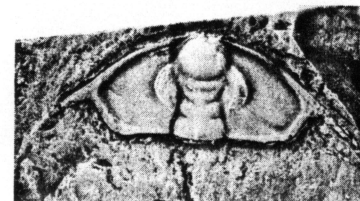


5

7435

x1

*Olenellus*



10

x1

*Bristolia*

*Bonnia - Olenellus Zone — Bristolia faunule*