

Supplement to

THE EARLY JURASSIC AMMONITE *BADOUXIA* FROM BRITISH COLUMBIA, CANADA

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LOCALITY INFORMATION

Listed below are locations for all figured and/or measured specimens of *Badouxia* from the Taseko Lakes map area. Latitude and longitude are provided where possible in addition to a brief description of each location (see Text-fig. 2). Relevant GSC and other locality numbers are given.

Section A: Castle Pass [51°05'157" 122°57'671"; 51°05'206", 122°57'664"]

Localities on the main saddle at Castle Pass consisting of A01–A15 in a stratigraphic sequence and A16 and A17 from talus.

A01 GSC locality C-117236
A02 GSC locality C-117237
A03 GSC locality C-143319
A04 GSC locality C-177633
 GSC locality C-177635
 GSC locality C-208991
A05 GSC locality 62362 (Section 1 of Frebold 1967)
A06 GSC locality C-208993
A07 GSC locality 62499 (Section 1 of Frebold 1967)
A08 GSC locality C-208992
A09 GSC locality 62345 (Section 1 of Frebold 1967)
A10 GSC locality C-143313
A11 GSC locality C-143312
A12 GSC locality C-143311
A13 GSC locality C-208994
A14 GSC locality C-143308
A15 GSC locality C-208961
A16 GSC locality C-208983
A17 GSC locality C-203169
 GSC locality 94770
A18 GSC locality C-143295

Section B: Castle Pass [51°05'196", 122°57'816"; 51°05'241", 122°57'736"]

Localities approximately 100 m west of the main saddle at Castle Pass consisting of B01–B07 in a stratigraphic sequence and B08 from talus.

B01 GSC locality C-117233
 GSC locality C-208960
B02 GSC locality C-143296
B03 GSC locality C-143304

B04 GSC locality C-208958
 B05 GSC locality C-175388
 B06 GSC locality C-118699
 GSC locality C-117234
 B07 GSC locality C-118700
 GSC locality C-117235
 B08 GSC locality C-175397
 GSC locality C-208984

Section C: Castle Pass

C01 GSC locality C-143337
 C02 GSC locality C-117249

Section D: Castle Pass [51°05'157", 122°57'671"; 51°05'180", 122°57'661"]

Localities immediately east of the main saddle at Castle Pass consisting of D01 and D02 *in situ* and D03 from talus.

D01 GSC locality C-143324
 D02 GSC locality C-143327
 GSC locality C-177636
 GSC locality C-175372
 D03 GSC locality C-143322

Section E: Last Creek [51°05'493", 123°00'719"; 51°05'481", 123°00'706"]

Localities approximately 100 m east of the head of Last Creek consisting of E01–E03 in a stratigraphic sequence and E04 from talus.

E01 GSC locality C-208963
 GSC locality C-208955
 E02 GSC locality C-208964
 E03 GSC locality C-208988
 E04 GSC locality C-208956
 GSC locality C-208957

Section F: Last Creek [51°05'416", 123°00'714"; 51°05'432", 123°00'754"]

Localities on the north-east side near the head of Last Creek consisting of F01–F08 in a stratigraphic sequence and F09 from talus.

F01 GSC locality C-175380
 GSC locality C-117064
 F02 GSC locality C-117066
 F03 GSC locality 62409 (Section 5 of Frebold)
 F04 GSC locality C-117067
 F05 GSC locality 62328 (Section 5 of Frebold)
 F06 GSC locality C-208976
 F07 GSC locality C-117069
 F08 GSC locality 56622 (exact locality uncertain)

F09 GSC locality 94222
 GSC locality 94223
 GSC locality 94236
 GSC locality C-175373
 GSC locality C-208974

Section G: Last Creek [51°05'38", 123°00'759"; 51°05'413", 123°00'763"]

Localities on the south-west side near the head of Last Creek consisting of G01–G10 in a stratigraphic sequence and G11 from talus.

G01 GSC locality 62404 (Section 3 of Frebold 1967)
 G02 GSC locality 62432 (Section 3 of Frebold 1967)
 G03 GSC locality C-175389
 G04 GSC locality 62406 (Section 3 of Frebold 1967)
 G05 GSC locality 94231
 G06 GSC locality 94206
 G07 GSC locality 62402 (Section 3 of Frebold 1967)
 G08 GSC locality 94228
 G09 GSC locality 62430 (Section 3 of Frebold 1967)
 GSC locality C-117074
 G10 GSC locality C-117075
 G11 GSC locality C-175398
 GSC locality 56448

Stream talus from head of Last Creek. Talus including material from Sections D–F above. Collection C-208954 consists of two specimens coming from one small block.

GSC locality 11189
 GSC locality C-175363
 GSC locality C-208954

Isolated localities 1–12

1. Right bank of Spruce Lake Creek, 0.3 km from the mouth.
 GSC locality 2106 (Locality of Frebold 1951).
2. Approx. 51°02'45", 122°58'18", Tyaughton Creek, about 1.5 km west of Spruce Lake Creek.
 GSC locality 62504 (Isolated locality 2 of Frebold 1967)
3. Approx. 51°02'45", 122°57'50", Tyaughton Creek, about 1 km west of Spruce Lake Creek. Study of the *Badouxia* fauna from this locality supports the interpretation of Tozer (pers. comm. in Frebold 1967). The two relevant collections from this site are part of a faulted succession and probably do not represent a continuous stratigraphic sequence.
 GSC locality 1404 (Locality of Frebold 1951)
 GSC locality 56393 (Section 7 of Frebold 1967)
 GSC locality 56394 (Section 7 of Frebold 1967)
4. Approx. 51°04'42", 122°59'13", on ridge about 1.5 km south-west of Castle Peak.
 GSC locality 62445 (Isolated locality 11 of Frebold 1967)

5. Approx. $51^{\circ}04'450''$, $123^{\circ}01'200''$, on a Last Creek tributary about 1 km south of the sections at the top of Last Creek.

GSC locality 1349 (Locality of Frebold 1951).

6. Approx. $51^{\circ}05'05''$, $122^{\circ}59'00''$, on the saddle about 1.2 km west of Castle Mountain.

GSC locality 62448 (Isolated locality 7 of Frebold 1967)

7. About 400 m east of the head of Last Creek.

GSC locality 62478 (Isolated locality 1 of Frebold 1967)

8/9. These were previously documented as stratigraphic sections (locality 8 is equivalent to sections 4 and 6 of Frebold 1967 and locality 9 is equivalent to section 2). However, more recent work has revealed poorly resolved structural complications which impede their use as continuous sections. For the purposes of this study, collections from these areas are considered to be isolated and unrelated.

8. Exposures at the top of Last Creek on the north-east side directly below Section E.

GSC locality 56416 (Section 6 of Frebold 1967)

GSC locality 62354 (Section 4 of Frebold 1967)

GSC locality 62467 (Section 4 of Frebold 1967)

GSC locality 62502 (Section 4 of Frebold 1967)

GSC locality C-117085

GSC locality C-117086

GSC locality C-117087

GSC locality C-117088

GSC locality C-175379

GSC locality C-175395

GSC locality C-208967

GSC locality C-208968

GSC locality C-208973 (talus)

9. Exposures at the top of Last Creek on the south-west side directly below Section F.

GSC locality 62487 (Section 2 of Frebold 1967)

GSC locality 62466 (Section 2 of Frebold 1967)

GSC locality 62494 (Section 2 of Frebold 1967)

GSC locality 62479 (Section 2 of Frebold 1967)

10. On a ridge west of Last Creek.

GSC locality 56466.

11. $51^{\circ}05'550''$, $123^{\circ}00'719''$, exposure about 120 m east of the head of Last Creek above Section D on the north-east side. This locality contains material from the Columbiae Subzone and may be a short section.

GSC locality C-208956 (talus)

12. $51^{\circ}05'980''$, $123^{\circ}00'707''$, about 1.5 km north of Last Creek.

GSC locality C-208962