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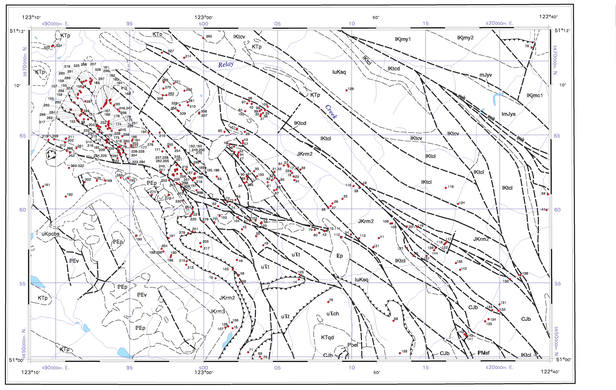
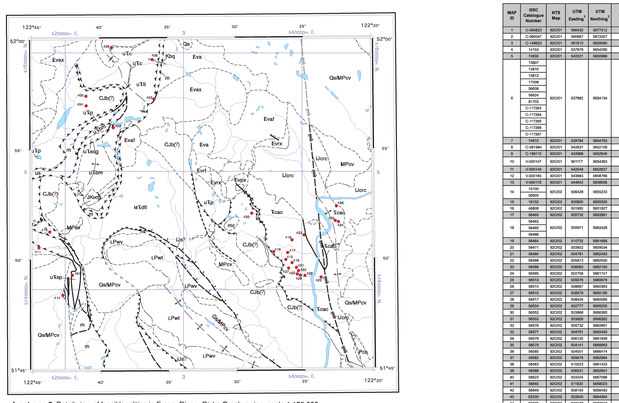
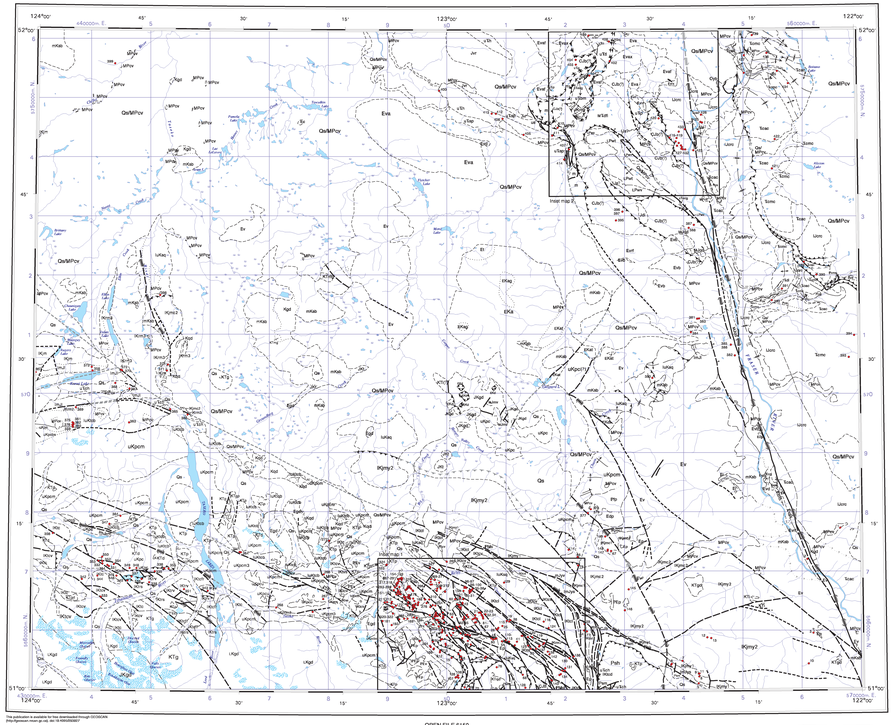


Inset map 1. Detail view of fossil localities in southern Chilcotin Ranges, scale 1:100 000.



Inset map 2. Detail view of fossil localities in Fraser River - Riske Creek region, scale 1:125 000.



Fossil locality with map ID number

SYMBOLS

DESCRIPTIVE NOTES

A large number of fossil collections have been made in the Taseko Lakes map area (NTS 92-O), especially in the region of the southern Chilcotin Ranges. Fossils from the map-area, particularly those from the Taseko Lakes area, were described by Jeletzky (1965, 1971) and Tipper (1971). In the Chilcotin Ranges, Late Triassic, Jurassic and Cretaceous rocks are exposed in a series of fault blocks. Rocks of all stages from the Carnian to the Albian are represented, with younger, non-marine Cretaceous strata present as well. In addition, Pleistocene and Tertiary basaltic lavas have erupted, and provide significant collections containing the ages of these units and bearing on the geological evolution of the southern Chilcotin Ranges.

The Geological Survey of Canada (GSC) collections include approximately 1500 collections from the Taseko Lakes map-area, only a select number of geologically and stratigraphically important fossil collections have been included in this report. Fossils from these collections have been used to date paleoenvironmental signifcance. A full list of collections from the map-area can be obtained from the curator of paleontology of GSC. Additional collection numbers can be found in the published literature cited in the faunal lists for each locality.

Under a large number of the fossil collections from the map-area, especially those made prior to 1970, have only generalized geographical information associated with them and these collections have been given the locality "Taseko Lakes" in the GSC database. Many of these collections have been included in this report with approximate location data available, effort has been made to locate these as precisely as possible using information compiled from original field maps and notes, but most all of these collections have been left out of this report because their lack of precise location information limits the age of a fossil locality and the paleogeographic maps which can be produced from the geological map.

The compilation has relied on primary sources of paleontological data, principally the identification of fossils by specialists, and secondarily on secondary sources, such as published and unpublished reports of the GSC. Many of these identifications have been published in the scientific and popular literature through publications citing them, but the original reports are provided as the primary reference herein as these more accurately reflect the paleontological interpretations.

REFERENCES

As noted above, the primary sources of fossil locality and age assignments for the Taseko Lakes map-area are the unpublished Geological Reports of the Geological Survey of Canada. However, the following chronological and primary references of locality details and age assignments for the map-area are referred to in the Table of localities (Table 2), or are important publications that have described the paleontology and biostratigraphy of the Mesozoic and Tertiary rocks of Taseko Lakes map-area but lack specific locality data.

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Table 2. Fossil localities collected within Taseko Lakes map area (NTS 92-O).

MAP ID	GSC Catalogue Number	NTS Map	UTM Easting	UTM Northing	Geologic Unit	Geologic Unit	Age	Fossil Type	Identifying Paleontologist	Reference
1	C-084820	92O/01	590430	5877312	MPcu	Chilcotin Gp	Aptian - Cenian	ceratobrts	W.R. Fahrig	GS-1979-MMR
2	C-080047	92O/01	583887	5872027	Evd	Chilcotin Gp	probably late Eocene to Oligocene	palynology	W.S. Hopkins	T-54-MSH-1981
3	C-084820	92O/01	591511	5873950	lKJmgr2	Jackass Mountain Gp	Albian - Cenian	palynology	A.R. Sweet	JSR-1992-0197
4	14103	92O/01	575878	5864290	lmJa	unassigned	Aalenian	ammonites	T.P. Poulton	Poulton and Tipper (1991)
5	13860	92O/01	545521	5865898	lmJa	unassigned	Bajocian or Aalenian	ammonites	J.A. Jeletzky	KH-5-1965-JAJ
	13862									
	13812									
	13812									
	11008									
	10808									
6	5404	92O/01	537882	5854134	lmJa	unassigned	Aalenian	ammonites	T.P. Poulton	Poulton and Tipper (1991)
	8752									
	C-17882									
	C-17884									
	C-17885									
	C-17886									
	C-17887									
7	79821	92O/01	539784	5854753	lKjmgr2	Jackass Mountain Gp	Berriasian	ammonites, bivalves	J.A. Jeletzky	KH-10-1971-JAJ
8	C-081984	92O/01	543931	5852158	lKjmgr2	Jackass Mountain Gp	Berriasian	ammonites, ammonites, bivalves	J.A. Jeletzky	KH-10-1971-JAJ
9	C-081015	92O/01	543993	5852908	lKjmgr2	Jackass Mountain Gp	Hauterivian to Albian	bivalves	T.P. Poulton	JS-1987-TPP
10	9/08/1417	92O/01	561117	5836363	lKjmgr2	Jackass Mountain Gp	probably Early Cretaceous, Berriasian to Barremian	bivalves	J.W. Haggart	JWH-2009-07
11	9/08/1418	92O/01	561117	5836363	lKjmgr2	Jackass Mountain Gp	Hauterivian to Albian	bivalves	J.W. Haggart	JWH-2009-07
12	9/08/1969	92O/01	545993	5856798	lKjmgr2	Jackass Mountain Gp	Valanginian to mid-Albian	palynology	A.R. Sweet	ARS-2008-08
13	9/08/1970	92O/01	545993	5856798	lKjmgr2	Jackass Mountain Gp	Valanginian to mid-Albian	palynology	A.R. Sweet	ARS-2008-08
14	14102	92O/01	508426	5839233	lmJa	Lad Creek Fm	Bajocian	ammonites	H. Frebold	Frebold et al. (1968)
15	10002	92O/01	508426	5839233	lmJa	Lad Creek Fm	Bajocian	ammonites	H. Frebold	Frebold et al. (1968)
16	10102	92O/01	508426	5839233	lmJa	Lad Creek Fm	Bajocian	ammonites	J.W. Haggart	JWH-1988-02
17	40808	92O/02	537950	5921537	JKm	Relay Mountain Gp	mid-Hoterivian	bivalves, ammonite	J.A. Jeletzky	KH-3-1963-JAJ
18	30460	92O/02	537950	5921537	JKm	Relay Mountain Gp	late Oxfordian - early Kimmeridgian	Cephalopoda	J.A. Jeletzky	KH-3-1963-JAJ
19	30452	92O/02	505871	5852428	JKm	Relay Mountain Gp	mid-Hoterivian	bivalves	J.A. Jeletzky	KH-7-1966-JAJ
	30445						early to mid-Tithonian			
	30488						mid-Hoterivian			
20	30464	92O/02	515750	5891668	lKsi	Taylor Creek Gp	early to mid-Tithonian	bivalves	J.A. Jeletzky	KH-7-1968-JAJ
21	30471	92O/02	505852	5850634	JKm	Relay Mountain Gp	mid-Tithonian?	bivalves	J.A. Jeletzky	KH-7-1966-JAJ
22	30480	92O/02	505871	5852428	JKm	Relay Mountain Gp	late Oxfordian - early Kimmeridgian	bivalves	J.A. Jeletzky	KH-7-1966-JAJ
23	30468	92O/02	505873	5852503	JKm	Relay Mountain Gp	mid-Hoterivian	bivalves	J.A. Jeletzky	KH-7-1966-JAJ
24	30469	92O/02	505873	5852503	JKm	Relay Mountain Gp	early mid-Hoterivian	bivalves, ammonites, belemnite	J.A. Jeletzky	KH-7-1966-JAJ
25	30466	92O/02	502758	5867147	JKm	Paradise Fm	probably late Tithonian	bivalves	J.A. Jeletzky	KH-7-1966-JAJ
26	30467	92O/02	502758	5867147	JKm	Paradise Fm	probably late Tithonian	bivalves	J.A. Jeletzky	KH-7-1966-JAJ
27	30514	92O/02	505852	5850634	JKm	Relay Mountain Gp	early Tithonian	bivalves	J.A. Jeletzky	KH-7-1966-JAJ
28	30515	92O/02	505852	5850634	JKm	Relay Mountain Gp	mid-Tithonian	bivalves	J.A. Jeletzky	KH-7-1966-JAJ
29	30504	92O/02	505852	5850634	JKm	Relay Mountain Gp	late Tithonian	bivalves	J.A. Jeletzky	KH-7-1966-JAJ
30	30502	92O/02	505852	5850634	JKm	Relay Mountain Gp	late Tithonian	bivalves, belemnite	J.A. Jeletzky	KH-7-1966-JAJ
31	30503	92O/02	505826	5850262	JKm	Relay Mountain Gp	late Tithonian	bivalves	J.A. Jeletzky	KH-7-1966-JAJ
32	30576	92O/02	505871	5852428	JKm	Relay Mountain Gp	late Oxfordian - early Kimmeridgian	bivalves	J.A. Jeletzky	KH-7-1966-JAJ
33	30577	92O/02	504781	5852453	JKm	Relay Mountain Gp	late Oxfordian - early Kimmeridgian	bivalves	J.A. Jeletzky	KH-7-1966-JAJ
34	30579	92O/02	506125	5847128	JKm	Relay Mountain Gp	early to late Tithonian	bivalves	J.A. Jeletzky	KH-7-1966-JAJ
35	30579	92O/02	506411	5849992	JKm	Relay Mountain Gp	mid-Tithonian	bivalves	J.A. Jeletzky	KH-7-1966-JAJ
36	30580	92O/02	504031	5856674	JKm	Relay Mountain Gp	mid-Tithonian	bivalves	J.A. Jeletzky	KH-7-1966-JAJ
37	30600	92O/02	505878	5852968	JKm	Relay Mountain Gp	probably late Berriasian	bivalves	J.A. Jeletzky	KH-7-1966-JAJ
38	30601	92O/02	505878	5852968	JKm	Relay Mountain Gp	Callovian	bivalves	J.A. Jeletzky	KH-7-1966-JAJ
39	30602	92O/02	505878	5852968	JKm	Relay Mountain Gp	early Tithonian	bivalves	J.A. Jeletzky	KH-7-1966-JAJ
40	30603	92O/02	505878	5852968	JKm	Relay Mountain Gp	late Tithonian	bivalves	J.A. Jeletzky	KH-7-1966-JAJ
41	30604	92O/02	505878	5852968	JKm	Relay Mountain Gp	early Berriasian	bivalves	J.A. Jeletzky	KH-7-1966-JAJ
42	30605	92O/02	505878	5852968	JKm	Relay Mountain Gp	late Oxfordian - early Kimmeridgian	bivalves	J.A. Jeletzky	KH-7-1966-JAJ
43	30606	92O/02	505878	5852968	JKm	Relay Mountain Gp	late Oxfordian - early Kimmeridgian	bivalves	J.A. Jeletzky	KH-7-1966-JAJ
44	6208	92O/02	521197	5859819	lKsi	Taylor Creek Gp	early middle Albian(?)	ammonites, bivalves	J.A. Jeletzky	KH-5-1965-JAJ
45	30347	92O/02	515750	5891668	lTc	Tsuquilton Gp	probably late Tithonian	bivalves	E.T. Tozer	T-9-65-ETT
46	6200	92O/02	502236	5906946	lTc	Tsuquilton Gp	probably late Tithonian	bivalves	E.T. Tozer	T-9-65-ETT
47	6190	92O/02	501411	5905225	lKsp	Paradise Fm	late Berriasian	ammonites	E.T. Tozer	T-9-65-ETT
48	6294	92O/02	501749	5904349	JKm	Relay Mountain Gp	late Berriasian to early Hoterivian?	bivalves	J.A. Jeletzky	KH-7-1968-JAJ
49	6296	92O/02	501749	5904349	lTc	Tsuquilton Gp	Tithonian	ammonites, bivalves	E.T. Tozer	T-9-65-ETT
50	6294	92O/02	514199	5858635	lKsi	Taylor Creek Gp	Albian	ammonite, bivalves	J.A. Jeletzky	KH-5-1965-JAJ
51	6295	92O/02	514199	5858635	lKsi	Taylor Creek Gp	late Oxfordian - early Kimmeridgian	bivalves	J.A. Jeletzky	KH-5-1965-JAJ
52	6216	92O/02	521197	5859819	lKsi	Taylor Creek Gp	Albian	bivalves	J.A. Jeletzky	KH-5-1965-JAJ
53	6215	92O/02	521197	5859819	lKsi	Taylor Creek Gp	Albian	bivalves	J.A. Jeletzky	KH-5-1965-JAJ
54	6241	92O/02	521197	5859819	lKsi	Taylor Creek Gp	probably late Oxfordian - early Kimmeridgian	bivalves	J.A. Jeletzky	KH-5-1965-JAJ
55	6276	92O/02	502245	5905723	lTc	Tsuquilton Gp	probably Norian	bivalves	E.T. Tozer	T-9-65-ETT
56	6267	92O/02	502245	5905723	lTc	Tsuquilton Gp	Norian	bivalves	E.T. Tozer	T-9-65-ETT/Tanka
57	6249	92O/02	520455	5884438	JKm	Relay Mountain Gp	late Valanginian	bivalves	J.A. Jeletzky	KH-5-1965-JAJ
58	6247	92O/02	520455	5884438	JKm	Relay Mountain Gp	late Valanginian	bivalves	J.A. Jeletzky	KH-5-1965-JAJ
59	6918	92O/02	522024	5908046	JKm	Relay Mountain Gp	late early Albian	bivalves	E.T. Tozer	T-9-65-ETT
60	6245	92O/02	501401	5905225	lKsp	Paradise Fm	late Valanginian	ammonite	J.W. Haggart	JWH-1989-01
61	6756	92O/02	501510	5906199	lmJa	Lad Creek Fm	Hettangian	ammonite	H. Frebold	J.D.1977-NF
62	6246	92O/02	508510	5906199	lmJa	Lad Creek Fm	early Sinemurian	ammonite	H. Frebold	J.A.1977-JAJ
63	6679	92O/02	505875	5892190	lKsp	Paradise Fm	Valanginian	bivalves	J.A. Jeletzky	KH-8-1976-JAJ
64	9/080	92O/02	505875	5892190	JKm	Relay Mountain Gp	Valanginian	bivalves	J.A. Jeletzky	KH-8-1976-JAJ
65	9/083	92O/02	502410	5906401	JKm	Paradise Fm	Berriasian	bivalves	J.A. Jeletzky	KH-8-1976-JAJ
66	9/084	92O/02	502410	5906401	JKm	Paradise Fm	Berriasian	bivalves	J.A. Jeletzky	KH-8-1976-JAJ
67	4/431	92O/02	501811	5903423	JKm	Relay Mountain Gp	Aptian	ammonite	W.A. Bell	F-10-1954-WAB
68	4/431	92O/02	501811	5903423	JKm	Relay Mountain Gp	Aptian	ammonite	W.A. Bell	F-10-1954-WAB
69	4/431	92O/02	501811	5903423	JKm	Relay Mountain Gp	Aptian	parts	W.A. Bell	F-10-1954-WAB
70	6/1003	92O/02	505994	5846855	JKm	Relay Mountain Gp	Albian	ammonite	M.J. Orchard	OF-1992-3
71	C-10923	92O/02	505994	5846855	JTcm	Hurley Fm	Carnian or Norian	ceratosirids	E.T. Tozer	TN-9-1964-ETT
72	C-10923	92O/02	505994	5846855	JTcm	Hurley Fm	Norian	ceratosirids	M.J. Orchard	OF-1992-3
73	C-17928	92O/02	507631	5895355	JKm	Relay Mountain Gp	late Valanginian	bivalves	J.A. Jeletzky	KH-3-1967-JAJ
74	C-17928	92O/02	507631	5895355	JKm	Relay Mountain Gp	late Valanginian	ammonites	J.A. Jeletzky	KH-3-1967-JAJ
75	C-17928	92O/02	507631	5895355	JKm	Relay Mountain Gp	late Berriasian or early Valanginian	bivalves	T.P. Poulton	JS-1987-TPP
76	C-17928	92O/02	507631	5895355	JKm	Relay Mountain Gp	probably late Berriasian	bivalves	T.P. Poulton	JS-1987-TPP
77	C-17928	92O/02	507631	5895355	JKm	Relay Mountain Gp	late Berriasian	bivalves	T.P. Poulton	JS-1987-TPP
78	C-17928	92O/02	507631	5895355	JKm	Relay Mountain Gp	late Berriasian	bivalves	T.P. Poulton	JS-1987-TPP
79	C-17928	92O/02	507631	5895355	JKm	Relay Mountain Gp	late Berriasian	bivalves	T.P. Poulton	JS-1987-TPP
80	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	probably middle Albian	bivalves	J.A. Jeletzky	KH-8-1976-JAJ
81	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	early to mid-Albian	bivalves	J.A. Jeletzky	KH-8-1976-JAJ
82	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	early to mid-Albian(?)	bivalves	J.A. Jeletzky	KH-8-1976-JAJ
83	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	Tithonian	bivalves	J.A. Jeletzky	KH-8-1976-JAJ
84	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	Tithonian	bivalves	J.A. Jeletzky	KH-8-1976-JAJ
85	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	Tithonian	bivalves	J.A. Jeletzky	KH-8-1976-JAJ
86	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	Tithonian	bivalves	J.A. Jeletzky	KH-8-1976-JAJ
87	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	probably early Berriasian	bivalves	T.P. Poulton	JS-1987-TPP
88	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	probably early Berriasian?	bivalves	T.P. Poulton	JS-1987-TPP
89	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	Tithonian to Valanginian	bivalves, belemnite	T.P. Poulton	JS-1987-TPP
90	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	Berriasian(?) to mid- to late Valanginian	bivalves	T.P. Poulton	JS-1987-TPP
91	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	early to mid-Valanginian	bivalves	T.P. Poulton	JS-1987-TPP
92	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	late Berriasian	bivalves	T.P. Poulton	JS-1987-TPP
93	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	early to mid-Valanginian	bivalves	T.P. Poulton	JS-1987-TPP
94	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	Kimmeridgian	bivalves	T.P. Poulton	JS-1987-TPP
95	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	Kimmeridgian	bivalves	T.P. Poulton	JS-1987-TPP
96	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	probably late Berriasian to Berriasian	bivalves	T.P. Poulton	JS-1987-TPP
97	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	late Berriasian or early Valanginian	bivalves	T.P. Poulton	JS-1987-TPP
98	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	Tithonian	bivalves	T.P. Poulton	JS-1987-TPP
99	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	Tithonian	bivalves	T.P. Poulton	JS-1987-TPP
100	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	probably early Berriasian?	bivalves	T.P. Poulton	JS-1987-TPP
101	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	Tithonian to Valanginian	bivalves	T.P. Poulton	JS-1987-TPP
102	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	Berriasian(?) to mid- to late Valanginian	bivalves	T.P. Poulton	JS-1987-TPP
103	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	early to mid-Valanginian	bivalves	T.P. Poulton	JS-1987-TPP
104	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	late Berriasian	bivalves	T.P. Poulton	JS-1987-TPP
105	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	early to mid-Valanginian	bivalves	T.P. Poulton	JS-1987-TPP
106	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	Kimmeridgian	bivalves	T.P. Poulton	JS-1987-TPP
107	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	Kimmeridgian	bivalves	T.P. Poulton	JS-1987-TPP
108	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	probably late Berriasian to Berriasian	bivalves	T.P. Poulton	JS-1987-TPP
109	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	late Berriasian	bivalves	T.P. Poulton	JS-1987-TPP
110	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	early to mid-Valanginian	bivalves	T.P. Poulton	JS-1987-TPP
111	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	late Berriasian	bivalves	T.P. Poulton	JS-1987-TPP
112	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	Tithonian	bivalves	T.P. Poulton	JS-1987-TPP
113	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	Tithonian	bivalves	T.P. Poulton	JS-1987-TPP
114	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	probably late Berriasian	bivalves	T.P. Poulton	JS-1987-TPP
115	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	Tithonian	bivalves	T.P. Poulton	JS-1987-TPP
116	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	Tithonian	bivalves	T.P. Poulton	JS-1987-TPP
117	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	Tithonian	bivalves	T.P. Poulton	JS-1987-TPP
118	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	Tithonian	bivalves	T.P. Poulton	JS-1987-TPP
119	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	Tithonian	bivalves	T.P. Poulton	JS-1987-TPP
120	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	Tithonian	bivalves	T.P. Poulton	JS-1987-TPP
121	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	Tithonian	bivalves	T.P. Poulton	JS-1987-TPP
122	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	Tithonian	bivalves	T.P. Poulton	JS-1987-TPP
123	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	Tithonian	bivalves	T.P. Poulton	JS-1987-TPP
124	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	Tithonian	bivalves	T.P. Poulton	JS-1987-TPP
125	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	Tithonian	bivalves	T.P. Poulton	JS-1987-TPP
126	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	Tithonian	bivalves	T.P. Poulton	JS-1987-TPP
127	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	Tithonian	bivalves	T.P. Poulton	JS-1987-TPP
128	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	Tithonian	bivalves	T.P. Poulton	JS-1987-TPP
129	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	late Tithonian	bivalves	T.P. Poulton	JS-1987-TPP
130	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	late Tithonian	bivalves	T.P. Poulton	JS-1987-TPP
131	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	late Tithonian	bivalves	T.P. Poulton	JS-1987-TPP
132	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	late Tithonian	bivalves	T.P. Poulton	JS-1987-TPP
133	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	late Tithonian	bivalves	T.P. Poulton	JS-1987-TPP
134	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	late Tithonian	bivalves	T.P. Poulton	JS-1987-TPP
135	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	late Tithonian	bivalves	T.P. Poulton	JS-1987-TPP
136	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	late Tithonian	bivalves	T.P. Poulton	JS-1987-TPP
137	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	late Tithonian	bivalves	T.P. Poulton	JS-1987-TPP
138	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	late Tithonian	bivalves	T.P. Poulton	JS-1987-TPP
139	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	late Tithonian	bivalves	T.P. Poulton	JS-1987-TPP
140	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	late Tithonian	bivalves	T.P. Poulton	JS-1987-TPP
141	C-14121	92O/02	509421	5903537	lTc	Tsuquilton Gp	late Tithonian	bivalves	T.P. Poulton	JS-1987-TPP
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