

U. S. DEPARTMENT OF THE INTERIOR

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**MAPS SHOWING FOSSIL LOCALITIES AND CHECKLISTS OF
JURASSIC AND CRETACEOUS MACROFAUNA OF WESTERN
ALASKA**

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INTRODUCTION

The compilation of a database of Jurassic and Cretaceous macrofossils from western Alaska will help in analyses of sedimentation patterns, structure, and paleobiogeography in this resource rich region. This report brings together a large portion of the Jurassic and Cretaceous macrofaunal occurrences in most U.S. Geological Survey collections that have been submitted for identifications in the past. This report combines information from unpublished reports by USGS paleontologists, most of which have been checked to verify identification, identifications from collections that have never been reported, and from some published sources including Cady and others (1955); Elder and Box (in press); Hoare and Coonrad (1959, 1961); Patton (1966); Patton and Miller (1966); and Patton and others (1978). Several other important references on the region are also listed in this report.

In order to facilitate easier reading of the faunal information, the localities have been divided into four separate checklists based on age. Abbreviations used for ages, fossil identifications, and quadrangle names in the checklist tables are shown in Tables 1, 2, and 3. Exact locality information is listed in the appendix.

Table 4 lists fossil localities and fossils of Jurassic age. Table 5 lists localities and fossils of Jurassic or Cretaceous age, probably of Cretaceous age and of indeterminate age. Most of the localities listed as "Jurassic or Cretaceous" age contain indeterminate species of Buchia; those localities listed as "probably Cretaceous" are placed in this age category based on the known geology and stratigraphy of the area, as are those of indeterminate age. Table 6 lists fossils from localities of Early Cretaceous age and Table 7 lists fossils of Late Cretaceous age. Map numbers representing one or more fossil localities are plotted on maps of 1:500,000 scale on Plates 1, 2, and 3.

Table 1. Age abbreviations used in Tables 4 through 7.

Abbreviation	Age or Other
Cret.	Cretaceous
Sant.	Santonian
Con.	Coniacian
Tur.	Turonian
Cen.	Cenomanian
Alb.	Albian
Apt.	Aptian
Barr.	Barremian
Haut.	Hauterivian
Val.	Valanginian
Jur.	Jurassic
Tith.	Tithonian
Kimm.	Kimmeridgian
Cal.	Callovian
Bath.	Bathonian
Baj.	Bajocian
Indet.	Indeterminate
E.	Early
M.	Middle
L.	Late
Prob.	Probably

Table 2. Fossil identification abbreviations used in Tables 4 through 7.

Abbreviation	Meaning
X	Present
–	Absent
<i>cf.</i>	Comparable to
<i>aff.</i>	Affinities with
?	Questionable identification

Table 3. Quadrangle abbreviations used in Tables 4 through 7.

Abbreviation	Quadrangle
BA2	Bethel, (A-2)
BA3	Bethel, (A-3)
BA4	Bethel, (A-4)
BA5	Bethel, (A-5)
BA6	Bethel, (A-6)
BB2	Bethel, (B-2)
BB3	Bethel, (B-3)
BB5	Bethel, (B-5)
BC2	Bethel, (C-2)
BC3	Bethel, (C-3)
BC4	Bethel, (C-4)
BC5	Bethel, (C-5)
BC6	Bethel, (C-6)
BD1	Bethel, (D-1)
BD2	Bethel, (D-2)
BD3	Bethel, (D-3)
CC5	Candle, (C-5)
GBA2	Goodnews Bay, (A-2)
GBA3	Goodnews Bay, (A-3)
GBB3	Goodnews Bay, (B-3)
GBC3	Goodnews Bay, (C-3)
GBC5	Goodnews Bay, (C-5)
GBC6	Goodnews Bay, (C-6)
GBD5	Goodnews Bay, (D-5)
GBD6	Goodnews Bay, (D-6)
HIC3	Hagemeister Island, (C-3)
HIC4	Hagemeister Island, (C-4)
HCA5	Holy Cross, (A-5)
HUA3	Hughes, (A-3)
HUB3	Hughes, (B-3)
IA6	Iditarod, (A-6)
IB1	Iditarod, (B-1)
IB2	Iditarod, (B-2)
IB4	Iditarod, (B-4)
IB5	Iditarod, (B-5)
IC3	Iditarod, (C-3)
IC4	Iditarod, (C-4)
ID1	Iditarod, (D-1)
ID4	Iditarod, (D-4)
KRA1	Kateel River, (A-1)
KRA4	Kateel River, (A-4)
KRA5	Kateel River, (A-5)
KRA6	Kateel River, (A-6)
KRB1	Kateel River, (B-1)
KRB5	Kateel River, (B-5)
KRC4	Kateel River, (C-4)

Table 3. Quadrangle abbreviations used in Tables 4 through 7 (continued).

Abbreviation	Quadrangle
KRC5	Kateel River, (C-5)
KRC6	Kateel River, (C-6)
KRD6	Kateel River, (D-6)
KA2	Kwiguk, (A-2)
KA3	Kwiguk, (A-3)
KB1.	Kwiguk, (B-1)
KC1	Kwiguk, (C-1)
LC	Lake Clark
LCB3	Lake Clark, (B-3)
LCB 5	Lake Clark, (B-5)
LCB6	Lake Clark, (B-6)
LHA6	Lime Hills, (A-6)
MAD3	Marshall, (D-3)
MGA2	McGrath, (A-2)
MGA5	McGrath, (A-5)
MGB1	McGrath, (B-1)
MGC1	McGrath, (C-1)
MGC6	McGrath, (C-6)
MB3	Medfra, (B-3)
MB6	Medfra, (B-6)
MC3	Medfra, (C-3)
MC4	Medfra, (C-4)
MEA5	Melozitna, (A-5)
MEB5	Melozitna, (B-5)
MEC2	Melozitna, (C-2)
MED3	Melozitna, (D-3)
MED4	Melozitna, (D-4)
NBA1	Norton Bay, (A-1)
NBB1	Norton Bay, (B-1)
NBC1	Norton Bay, (C-1)
NBC2	Norton Bay, (C-2)
NVA6	Nulato, (A-6)
NUB1	Nulato, (B-1)
NUB5	Nulato, (B-5)
NUB6	Nulato, (B-6)
NUC1	Nulato, (C-1)
NUC2	Nulato, (C-2)
NUC5	Nulato, (C-5)
NUC6	Nulato, (C-6)
NUD1	Nulato, (D-1)
NUD3	Nulato, (D-3)
NUD4	Nulato, (D-4)
NUD6	Nulato, (D-6)
OPC1	Ophir, (C-1)
OPD6	Ophir, (D-6)
RUC6	Ruby, (C-6)

Table 3. Quadrangle abbreviations used in Tables 4 through 7 (continued).

Abbreviation	Quadrangle
RUD5	Ruby, (D-5)
RUD6	Ruby, (D-6)
SED2	Selawik, (D-2)
SED3	Selawik, (D-3)
SHC1	Shungnak, (C-1)
SA1	Sleetmute, (A-1)
SA5	Sleetmute, (A-5)
SA6	Sleetmute, (A-6)
SA7	Sleetmute, (A-7)
SB4	Sleetmute, (B-4)
SB5	Sleetmute, (B-5)
SB6	Sleetmute, (B-6)
SB7	Sleetmute, (B-7)
SC6	Sleetmute, (C-6)
SC7	Sleetmute, (C-7)
SC8	Sleetmute, (C-8)
SD4	Sleetmute, (D-4)
SD5	Sleetmute, (D-5)
SD6	Sleetmute, (D-6)
TMA1	Taylor Mountains, (A-1)
TMA7	Taylor Mountains, (A-7)
TMA8	Taylor Mountains, (A-8)
TMB4	Taylor Mountains, (B-4)
TMB5	Taylor Mountains, (B-5)
TMB6	Taylor Mountains, (B-6)
TMB7	Taylor Mountains, (B-7)
TMB8	Taylor Mountains, (B-8)
TMC8	Taylor Mountains, (C-8)
TMD8	Taylor Mountains, (D-8)
UNB3	Unalakleet, (B-3)
UNB4	Unalakleet, (B-4)
UNC3	Unalakleet, (C-3)
UNC4	Unalakleet, (C-4)
UND1	Unalakleet, (D-1)
UND2	Unalakleet, (D-2)
UND3	Unalakleet, (D-3)
UND4	Unalakleet, (D-4)

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APPENDIX

Map Locality Number: 1; USGS Mesozoic Locality: M7563.
Alaska, Hagemeister Island (C-4) 1:63360 quadrangle.
On southeast coast of Hagemeister Island. Elevation 0ft (0m).
Latitude: 58° 33.80' N; Longitude: 161° 4.80' W;
Township: 19S; Range: 71W; Section: 6; W half;
Collector: Wes Wallace, 1981. Field Identifier: C-46 81BB65.

Map Locality Number: 1; USGS Mesozoic Locality: M7564.
Alaska, Hagemeister Island (C-4) 1:63360 quadrangle.
Southeast shore of Hagemeister Island. Elevation 0ft (0m).
Latitude: 58° 33.80' N; Longitude: 161° 4.80' W;
Township: 19S; Range: 71W; Section: 6; SW quarter;
Collector: Wes Wallace, 1981. Field Identifier: C-46 81BB64.

Map Locality Number: 1; USGS Mesozoic Locality: M7574.
Alaska, Hagemeister Island (C-4) 1:63360 quadrangle.
SW coast of Hagemeister Island. Elevation 0ft (0m).
Latitude: 58° 33.80' N; Longitude: 161° 4.80' W;
Township: 19S; Range: 71W; Section: 6; NW quarter;
Collector: Steve Box, 1981. Field Identifier: 81SB278.

Map Locality Number: 2; USGS Mesozoic Locality: M7575.
Alaska, Hagemeister Island (C-4) 1:63360 quadrangle.
SW coast of Hagemeister Island. Elevation 0ft (0m).
Latitude: 58° 35.40' N; Longitude: 161° 4.90' W;
Township: 19S; Range: 71W; Section: 6; E central section;
Collector: Steve Box, 1981. Field Identifier: 81SB50.

Map Locality Number: 3; USGS Mesozoic Locality: 29889.
Alaska, Hagemeister Island (C-3) 1:63360 quadrangle.
Central Hagemeister Island. Elevation 1310ft (399m).
Latitude: 58° 43.80' N; Longitude: 160° 58.30' W;
Township: 18S; Range: 71W; Section: 3; SW/SE quarter;
Collector: J. Hoare, 1952. Field Identifier: 52AHr115.

Map Locality Number: 3; USGS Mesozoic Locality: M6292.
Alaska, Hagemeister Island (C-3) 1:63360 quadrangle.
Central Hagemeister Island. Elevation 1310ft (399m).
Latitude: 58° 43.80' N; Longitude: 160° 58.30' W;
Township: 18S; Range: 71W; Section: 3; SW/SE quarter;
Collector: J. Hoare, 1974. Field Identifier: 74AHr33.

Map Locality Number: 3; USGS Mesozoic Locality: M7562.
Alaska, Hagemeister Island (C-3) 1:63360 quadrangle.
Central Hagemeister Island. Elevation 1310ft (399m).
Latitude: 58° 38.30' N; Longitude: 160° 28.70' W;
Township: 18S; Range: 71W; Section: 3; SE quarter;
Collector: Wes Wallace, 1981. Field Identifier: C-47 81BB70.

Map Locality Number: 3; USGS Mesozoic Locality: M7576.
Alaska, Hagemeister Island (C-3) 1:63360 quadrangle.
Hill 1310. Mid Hagemeister Island. Elevation 1310ft (399m).
Latitude: 58° 38.40' N; Longitude: 160° 58.80' W;
Township: 18S; Range: 71S; Section: 3; SE quarter;
Collector: Steve Box, 1981. Field Identifier: 81SB84.

Map Locality Number: 4; USGS Mesozoic Locality: 24357.
Alaska, Hagemeister Island (C-3) 1:63360 quadrangle.
NE coast of Hagemeister Island. Elevation 0ft (0m).
Latitude: 58° 42.80' N; Longitude: 160° 58.16' W;
Township: 17S; Range: 71W; Section: 2; SW quarter;
Collector: J. Hoare, 1952. Field Identifier: 52AHr135.

Map Locality Number: 4; USGS Mesozoic Locality: M6293.
Alaska, Hagemeister Island (C-3) 1:63360 quadrangle.
Northeast shore of Hagemeister Island. Elevation 0ft (0m).
Latitude: 58° 44.10' N; Longitude: 160° 56.10' W;
Township: 17S; Range: 71W; Section: 1; NW quarter;
Collector: J. Hoare, 1974. Field Identifier: 74AHr35.

Map Locality Number: 4; USGS Mesozoic Locality: M7561.
Alaska, Hagemeister Island (C-3) 1:63360 quadrangle.
NE coast of Hagemeister Island. Elevation 0ft (0m).
Latitude: 58° 44.10' N; Longitude: 160° 56.10' W;
Township: 17S; Range: 71W; Section: 1; NW quarter;
Collector: Wes Wallace, 1981. Field Identifier: C-35 81BB44.

Map Locality Number: 5; USGS Mesozoic Locality: 24732.
Alaska, Goodnews Bay (A-3) 1:63360 quadrangle.
Kulukak River west of Buchia Ridge. Elevation 100ft (30m).
Latitude: 59° 5.80' N; Longitude: 159° 45.90' W;
Township: 12N; Range: 62W; Section: 32; NW quarter;
Collector: J. Hoare, 1953. Field Identifier: 53AHr1303.

Map Locality Number: 5; USGS Mesozoic Locality: M6290.
Alaska, Goodnews Bay (A-3) 1:63360 quadrangle.
East Bank of the Kulukak River. Elevation 100ft (30m).
Latitude: 59° 5.75' N; Longitude: 159° 45.90' W;
Township: 12S; Range: 52W; Section: 32; NE quarter;
Collector: J. Hoare, 1974. Field Identifier: 74AHr3.

Map Locality Number: 6; USGS Mesozoic Locality: M6302.
Alaska, Goodnews Bay (A-2) 1:63360 quadrangle.
Northern Buchia Ridge. Elevation 1200ft (366m).
Latitude: 59° 9.40' N; Longitude: 159° 43.70' W;
Township: 12S; Range: 63W; Section: 9; NE quarter;
Collector: W. L. Coonrad, 1974. Field Identifier: 74ACd21B.

Map Locality Number: 7; USGS Mesozoic Locality: 24731.
Alaska, Goodnews Bay (A-3) 1:63360 quadrangle.
Kulukak River west of Buchia Ridge. Elevation 200ft (61m).
Latitude: 59° 10.00' N; Longitude: 159° 40.00' W;
Township: 12N; Range: 62W; Section: 2; E 1/2 quarter;
Collector: J. Hoare, 1953. Field Identifier: 53AHr1301.

Map Locality Number: 8; USGS Mesozoic Locality: GB3-1336.
Alaska, Goodnews Bay (B-3) 1:63360 quadrangle.
Head of Tshayagamut River. Elevation 800ft (244m).
Latitude: 59° 28.40' N; Longitude: 159° 51.30' W;
Township: 8S; Range: 62; Section: 20; NE quarter;
Collector: W. H. Condon, 1975. Field Identifier: GB3-1336.

Map Locality Number: 9; USGS Mesozoic Locality: GC3-1116.
Alaska, Goodnews Bay (C-3) 1:63360 quadrangle.
Hills west of Keinuk River. Elevation 1700ft (518m).
Latitude: 59° 30.85' N; Longitude: 159° 59.60' W;
Township: 9S; Range: 63W; Section: 3; NW quarter;
Collector: W. H. Condon, 1975. Field Identifier: GC3-1116.

Map Locality Number: 10; USGS Mesozoic Locality: 23169.
Alaska, Goodnews Bay (C-5) 1:63360 quadrangle.
Ridge south of Awayak Lake. Elevation 1500ft (457m).
Latitude: 59° 33.63' N; Longitude: 160° 44.27' W;
Township: 7S; Range: 67W; Section: 19; NW quarter;
Collector: J. Hoare, 1950. Field Identifier: 50AHr429.

Map Locality Number: 10; USGS Mesozoic Locality: M6642.
Alaska, Goodnews Bay (C-5) 1:63360 quadrangle.
Ridge south of Awayak Lake. Elevation 1500ft (457m).
Latitude: 59° 33.63' N; Longitude: 160° 44.27' W;
Township: 7S; Range: 67W; Section: 19; NW quarter;
Collector: W. L. Coonrad, 1975. Field Identifier: GC5-2049.

Map Locality Number: 11; USGS Mesozoic Locality: M6634.
Alaska, Goodnews Bay (C-5) 1:63360 quadrangle.
Tributary at head of Klak Creek. Elevation 1600ft (488m).
Latitude: 59° 38.90' N; Longitude: 160° 30.90' W;
Township: 6S; Range: 66W; Section: 16; SE quarter;
Collector: W. L. Coonrad, 1975. Field Identifier: GC5-2029.

Map Locality Number: 12; USGS Mesozoic Locality: M6639.
Alaska, Goodnews Bay (C-5) 1:63360 quadrangle.
Ridge east of Nukluk Creek. Elevation 2200ft (671m).
Latitude: 59° 40.06' N; Longitude: 160° 38.70' W;
Township: 6S; Range: 67W; Section: 10; SW corner;
Collector: W. L. Coonrad, 1975. Field Identifier: GC5-1056.

Map Locality Number: 12; USGS Mesozoic Locality: M6641.
Alaska, Goodnews Bay (C-5) 1:63360 quadrangle.
Ridge east of Nukluk Creek. Elevation 1600ft (488m).
Latitude: 59° 39.30' N; Longitude: 160° 39.37' W;
Township: 6S; Range: 67W; Section: 15; N half;
Collector: W. L. Coonrad, 1975. Field Identifier: GC5-2022.

Map Locality Number: 12; USGS Mesozoic Locality: M6643.
Alaska, Goodnews Bay (C-5) 1:63360 quadrangle.
Ridge east of Nukluk Creek. Elevation 1900ft (579m).
Latitude: 59° 39.27' N; Longitude: 160° 40.93' W;
Township: 6S; Range: 67W; Section: 16; NW/SE quarter;
Collector: W. L. Coonrad, 1975. Field Identifier: GC5-2021.

Map Locality Number: 13; USGS Mesozoic Locality: M6644.
Alaska, Goodnews Bay (C-6) 1:63360 quadrangle.
Takshilik Creek. Elevation 700ft (213m).
Latitude: 59° 41.00' N; Longitude: 160° 58.85' W;
Township: 6S; Range: 69W; Section: 2; Center W. line;
Collector: W. L. Coonrad, 1975. Field Identifier: GC6-1090.

Map Locality Number: 13; USGS Mesozoic Locality: M7693.
Alaska, Goodnews Bay (C-6) 1:63360 quadrangle.
Ridge NW of Takshilik Creek. Elevation 1000ft (305m).
Latitude: 59° 40.50' N; Longitude: 161° 0.50' W;
Township: 6S; Range: 69W; Section: 10; NW quarter;
Collector: Steve Box, 1982. Field Identifier: 82SB170.

Map Locality Number: 13; USGS Mesozoic Locality: M7694.
Alaska, Goodnews Bay (C-6) 1:63360 quadrangle.
Ridge NW of Takshilik Creek. Elevation 1000ft (305m).
Latitude: 59° 40.50' N; Longitude: 161° 0.50' W;
Township: 6S; Range: 69W; Section: 10; NW quarter;
Collector: Steve Box, 1982. Field Identifier: 82SB172.

Map Locality Number: 14; USGS Mesozoic Locality: M6640.
Alaska, Goodnews Bay (C-5) 1:63360 quadrangle.
E. of Klak Lake. Elevation 1200ft (366m).
Latitude: 59° 43.47' N; Longitude: 160° 35.20' W;
Township: 5S; Range: 67W; Section: 24; SW quarter;
Collector: W. L. Coonrad, 1975. Field Identifier: GC5-1068.

Map Locality Number: 15; USGS Mesozoic Locality: M6647.
Alaska, Goodnews Bay (D-5) 1:63360 quadrangle.
Klak Lake. Elevation 1000ft (305m).
Latitude: 59° 45.34' N; Longitude: 160° 38.85' W;
Township: 5S; Range: 67W; Section: 10; SE quarter;
Collector: W. L. Coonrad, 1975. Field Identifier: GD5-1066.

Map Locality Number: 16; USGS Mesozoic Locality: M7691.
Alaska, Goodnews Bay (D-5) 1:63360 quadrangle.
Sam Creek. Elevation 700ft (213m).
Latitude: 59° 47.00' N; Longitude: 160° 45.40' W;
Township: 4S; Range: 67W; Section: 22; E central section;
Collector: Steve Box, 1982. Field Identifier: 82SB101.

Map Locality Number: 17; USGS Mesozoic Locality: M6645.
Alaska, Goodnews Bay (C-3) 1:63360 quadrangle.
N side of W trending spur of Ouchklune Range. Elevation 2500ft (762m).
Latitude: 59° 55.43' N; Longitude: 160° 4.83' W;
Township: 3S; Range: 63W; Section: 15; NE quarter;
Collector: W. L. Coonrad, 1975. Field Identifier: GD3-1134.

Map Locality Number: 18; USGS Mesozoic Locality: M6891.
Alaska, Goodnews Bay (C-3) 1:63360 quadrangle.
Kagati Lake. Elevation 1100ft (335m).
Latitude: 59° 53.30' N; Longitude: 160° 5.70' W;
Township: 3S; Range: 63W; Section: 27; W central section;
Collector: W. L. Coonrad, 1976. Field Identifier: GD3-2443.

Map Locality Number: 18; USGS Mesozoic Locality: M6892.
Alaska, Goodnews Bay (C-3) 1:63360 quadrangle.
Kagati Lake shore. Elevation 1039ft (317m).
Latitude: 59° 53.05' N; Longitude: 160° 4.20' W;
Township: 3S; Range: 63W; Section: 35; N line;
Collector: W. L. Coonrad, 1976. Field Identifier: GD3-2456.

Map Locality Number: 19; USGS Mesozoic Locality: M7689.
Alaska, Goodnews Bay (C-3) 1:63360 quadrangle.
N side of W trending spur of Ouchklune Range. Elevation 2500ft (762m).
Latitude: 59° 55.43' N; Longitude: 160° 4.83' W;
Township: 3S; Range: 63W; Section: 15; NE quarter;
Collector: Steve Box, 1982. Field Identifier: 82SB39.

Map Locality Number: 20; USGS Mesozoic Locality: M6646.
Alaska, Goodnews Bay (D-3) 1:63360 quadrangle.
North end of Ouchklune Range. Elevation 3000ft (915m).
Latitude: 59° 58.23' N; Longitude: 160° 2.43' W;
Township: 2S; Range: 63W; Section: 25; SW quarter;
Collector: W. L. Coonrad, 1975. Field Identifier: GD3-1334.

Map Locality Number: 21; USGS Mesozoic Locality: M7690.
Alaska, Goodnews Bay (D-5) 1:63360 quadrangle.
Ridge on north side of Kanektok River. Elevation 1000ft (305m).
Latitude: 59° 52.60' N; Longitude: 160° 38.50' W;
Township: 3S; Range: 66W; Section: 33; W central section;
Collector: Steve Box, 1982. Field Identifier: 82SB129.

Map Locality Number: 22; USGS Mesozoic Locality: M6650.
Alaska, Goodnews Bay (D-5) 1:63360 quadrangle.
Southern Eek Mountains. Elevation 2050ft (625m).
Latitude: 59° 53.67' N; Longitude: 160° 40.20' W;
Township: 3S; Range: 66W; Section: 29; NE quarter;
Collector: W. L. Coonrad, 1975. Field Identifier: GD5-1362.

Map Locality Number: 22; USGS Mesozoic Locality: M6651.
Alaska, Goodnews Bay (D-5) 1:63360 quadrangle.
Eek Mountains.
Latitude: 59° 54.33' N; Longitude: 160° 40.50' W;
Township: 3S; Range: 66W; Section: 19; NE quarter;
Collector: W. L. Coonrad, 1975. Field Identifier: GD5-2041.

Map Locality Number: 23; USGS Mesozoic Locality: M6648.
Alaska, Goodnews Bay (D-5) 1:63360 quadrangle.
Eek Mountains. Elevation 3700ft (1128m).
Latitude: 59° 55.00' N; Longitude: 160° 36.00' W;
Township: 3S; Range: 66W; Section: 15; NW quarter;
Collector: W. L. Coonrad, 1975. Field Identifier: GD5-1095.

Map Locality Number: 23; USGS Mesozoic Locality: M6649.
Alaska, Goodnews Bay (D-5) 1:63360 quadrangle.
Eek Mountains. Elevation 3700ft (1128m).
Latitude: 59° 55.50' N; Longitude: 160° 36.75' W;
Township: 3S; Range: 66W; Section: 10; SE corner;
Collector: W. L. Coonrad, 1975. Field Identifier: GD5-1042.

Map Locality Number: 23; USGS Mesozoic Locality: M7766.
Alaska, Goodnews Bay (D-5) 1:63360 quadrangle.
Eek Mountains. Elevation 3700ft (1128m).
Latitude: 59° 55.50' N; Longitude: 160° 36.75' W;
Township: 3S; Range: 66W; Section: 10; SE corner;
Collector: Wes Wallace, 1982. Field Identifier: 82BB179.

Map Locality Number: 23; USGS Mesozoic Locality: M7767.
Alaska, Goodnews Bay (D-5) 1:63360 quadrangle.
Eek Mountains. Elevation 3300ft (1006m).
Latitude: 59° 55.70' N; Longitude: 160° 36.50' W;
Township: 3S; Range: 66W; Section: 10; SW quarter;
Collector: Wes Wallace, 1982. Field Identifier: 82BB185.

Map Locality Number: 23; USGS Mesozoic Locality: M8621.
Alaska, Goodnews Bay (D-5) 1:63360 quadrangle.
Calcareous horizon in slaty shale below 89ASB84E.
Latitude: 59° 56.05' N; Longitude: 160° 36.30' W;
Township: 3S; Range: 66W; Section: 10; NE/NW quarter;
Collector: Steve Box, 1989. Field Identifier: 89ASB84A.

Map Locality Number: 23; USGS Mesozoic Locality: M8622.
Alaska, Goodnews Bay (D-5) 1:63360 quadrangle.
Siltstone clast in conglomerate in thick shaly turbidite sequence.
Latitude: 59° 56.05' N; Longitude: 160° 36.30' W;
Township: 3S; Range: 66W; Section: 10; NE/NW quarter;
Collector: Steve Box, 1989. Field Identifier: 89ASB84E.

Map Locality Number: 24; USGS Mesozoic Locality: M6652.
Alaska, Goodnews Bay (D-6) 1:63360 quadrangle.
Great Ridge. Elevation 2000ft (610m).
Latitude: 59° 58.00' N; Longitude: 160° 56.00' W;
Township: 2S; Range: 68W; Section: 33; NW/NE quarter;
Collector: R. H. Fehlman, 1972. Field Identifier: B1265.

Map Locality Number: 25; USGS Mesozoic Locality: M6635.
Alaska, Goodnews Bay (D-6) 1:63360 quadrangle.
South end of Great Ridge. Elevation 1100ft (335m).
Latitude: 59° 55.87' N; Longitude: 162° 1.87' W;
Township: 3S; Range: 68W; Section: 7; Center;
Collector: W. L. Coonrad, 1975. Field Identifier: GD6-1096.

Map Locality Number: 25; USGS Mesozoic Locality: M6636.
Alaska, Goodnews Bay (D-6) 1:63360 quadrangle.
South end of Great Ridge. Elevation 1000ft (305m).
Latitude: 59° 55.67' N; Longitude: 161° 2.20' W;
Township: 3S; Range: 68W; Section: 7; SW quarter;
Collector: W. L. Coonrad, 1975. Field Identifier: GD6-2044.

Map Locality Number: 26; USGS Mesozoic Locality: M6637.
Alaska, Goodnews Bay (D-6) 1:63360 quadrangle.
South end of Great Ridge. Elevation 2100ft (640m).
Latitude: 59° 57.65' N; Longitude: 160° 59.15' W;
Township: 2S; Range: 68W; Section: 33; SW quarter;
Collector: W. L. Coonrad, 1975. Field Identifier: GD6-1097.

Map Locality Number: 27; USGS Mesozoic Locality: M7968.
Alaska, Bethel (A-4) 1:63360 quadrangle.
Ridge east of Sawtooth Mountain. Elevation 3000ft (915m).
Latitude: 60° 4.64' N; Longitude: 160° 20.15' W;
Township: 1S; Range: 64W; Section: 19; E central section;
Collector: John Murphy, 1984. Field Identifier: 84JM155A.

Map Locality Number: 27; USGS Mesozoic Locality: M7969.
Alaska, Bethel (A-4) 1:63360 quadrangle.
Sawtooth Mountain. Elevation 2500ft (762m).
Latitude: 60° 4.75' N; Longitude: 160° 23.32' W;
Township: 1S; Range: 65W; Section: 24; NW quarter;
Collector: John Murphy, 1984. Field Identifier: 84JM111.

Map Locality Number: 27; USGS Mesozoic Locality: M7970.
Alaska, Bethel (A-4) 1:63360 quadrangle.
Sawtooth Mountain. Float. Elevation 2500ft (762m).
Latitude: 60° 4.79' N; Longitude: 160° 23.38' W;
Township: 1S; Range: 65W; Section: 24; NW quarter;
Collector: John Murphy, 1984. Field Identifier: 84JM130.

Map Locality Number: 28; USGS Mesozoic Locality: M7961.
Alaska, Bethel (A-4) 1:63360 quadrangle.
Eek Mountains. Elevation 2500ft (762m).
Latitude: 60° 3.02' N; Longitude: 160° 24.50' W;
Township: 1S; Range: 65W; Section: 35; NW quarter;
Collector: John Murphy, 1984. Field Identifier: 84JM250C.

Map Locality Number: 28; USGS Mesozoic Locality: M7963.
Alaska, Bethel (A-4) 1:63360 quadrangle.
Eek Mountains. Elevation 2500ft (762m).
Latitude: 60° 3.02' N; Longitude: 160° 24.50' W;
Township: 1S; Range: 65W; Section: 35; NW quarter;
Collector: John Murphy, 1984. Field Identifier: 84JM250G.

Map Locality Number: 28; USGS Mesozoic Locality: M7965.
Alaska, Bethel (A-4) 1:63360 quadrangle.
Eek Mountains. Elevation 2500ft (762m).
Latitude: 60° 3.02' N; Longitude: 160° 24.50' W;
Township: 1S; Range: 65W; Section: 35; NW quarter;
Collector: John Murphy, 1984. Field Identifier: 84JM250K.

Map Locality Number: 28; USGS Mesozoic Locality: M7966.
Alaska, Bethel (A-4) 1:63360 quadrangle.
Eek Mountains. Elevation 2750ft (838m).
Latitude: 60° 2.63' N; Longitude: 160° 20.15' W;
Township: 1S; Range: 65W; Section: 35; Central section;
Collector: John Murphy, 1984. Field Identifier: 84JM255A.

Map Locality Number: 28; USGS Mesozoic Locality: M8501
Alaska, Bethel (A-4) 1:63360 quadrangle.
Northern Eek Mountains.. Elevation 3000ft (915m).
Latitude: 60° 3.00' N; Longitude: 160° 24.10' W;
Township: 1S; Range: 65W; Section: 35; SW quarter;
Collector: Steve Box, 1987. Field Identifier: 87ASB40C.

Map Locality Number: 29; USGS Mesozoic Locality: M7772.
Alaska, Bethel (A-4) 1:63360 quadrangle.
Eek Mountains. Elevation 2700ft (823m).
Latitude: 60° 2.30' N; Longitude: 160° 29.80' W;
Township: 2S; Range: 65W; Section: 5; NW quarter;
Collector: Wes Wallace, 1982. Field Identifier: 82-BB-572.

Map Locality Number: 30; USGS Mesozoic Locality: M7972.
Alaska, Bethel (A-4) 1:63360 quadrangle.
North of Sawtooth Mountain. Elevation 2500ft (762m).
Latitude: 60° 5.82' N; Longitude: 160° 22.45' W;
Township: 1S; Range: 65W; Section: 12; SW quarter;
Collector: John Murphy, 1984. Field Identifier: 84JM106.

Map Locality Number: 31; USGS Mesozoic Locality: M8532.
Alaska, Bethel (A-4) 1:63360 quadrangle.
Two miles west of Sawtooth Mountain. Elevation 3500ft (1067m).
Latitude: 60° 4.46' N; Longitude: 160° 26.05' W;
Township: 1S; Range: 65W; Section: 22W; W half;
Collector: Tom Moore, 1987. Field Identifier: 87ATm30.

Map Locality Number: 32; USGS Mesozoic Locality: M6638.
Alaska, Bethel (A-5) 1:63360 quadrangle.
Middle Fork of Eek River. Elevation 650ft (198m).
Latitude: 60° 1.90' N; Longitude: 160° 45.50' W;
Township: 2S; Range: 67W; Section: 2; W central section;
Collector: W. L. Coonrad, 1975. Field Identifier: BA5-2047.

Map Locality Number: 33; USGS Mesozoic Locality: M7017.
Alaska, Bethel (A-5) 1:63360 quadrangle.
Measured section on Great Ridge. Elevation 2300ft (701m).
Latitude: 60° 3.30' N; Longitude: 160° 51.90' W;
Township: 1S; Range: 67W; Section: 30; SW quarter;
Collector: I. F. Palmer, 1978. Field Identifier: 18-JM-78.

Map Locality Number: 33; USGS Mesozoic Locality: M7018.
Alaska, Bethel (A-5) 1:63360 quadrangle.
Measured section on Great Ridge. Elevation 2300ft (701m).
Latitude: 60° 3.30' N; Longitude: 160° 51.90' W;
Township: 1S; Range: 67W; Section: 30; SW quarter;
Collector: I. F. Palmer, 1978. Field Identifier: 21-JM-78.

Map Locality Number: 33; USGS Mesozoic Locality: M7019.
Alaska, Bethel (A-5) 1:63360 quadrangle.
Measured section on Great Ridge. Elevation 2300ft (701m).
Latitude: 60° 3.30' N; Longitude: 160° 51.90' W;
Township: 1S; Range: 67W; Section: 30; SW quarter;
Collector: I. F. Palmer, 1978. Field Identifier: 21-JM-75.

Map Locality Number: 33; USGS Mesozoic Locality: M7020.
Alaska, Bethel (A-5) 1:63360 quadrangle.
Measured section, Great Ridge. Elevation 2300ft (701m).
Latitude: 60° 3.30' N; Longitude: 160° 51.90' W;
Township: 1S; Range: 67W; Section: 30; SW quarter;
Collector: I. F. Palmer, 1978. Field Identifier: 13-JM-78.

Map Locality Number: 33; USGS Mesozoic Locality: M7021.
Alaska, Bethel (A-5) 1:63360 quadrangle.
Measured section, Great Ridge. Elevation 2300ft (701m).
Latitude: 60° 3.30' N; Longitude: 160° 51.90' W;
Township: 1S; Range: 67W; Section: 30; SW quarter;
Collector: I. F. Palmer, 1978. Field Identifier: 27-JM-78.

Map Locality Number: 33; USGS Mesozoic Locality: M7022.
Alaska, Bethel (A-5) 1:63360 quadrangle.
South end of Great Ridge. Elevation 2500ft (762m).
Latitude: 60° 3.30' N; Longitude: 160° 52.20' W;
Township: 1S; Range: 67W; Section: 30; SW quarter;
Collector: I. F. Palmer, 1978. Field Identifier: 30-JM-78.

Map Locality Number: 33; USGS Mesozoic Locality: M7023.
Alaska, Bethel (A-5) 1:63360 quadrangle.
South end of Great Ridge. Elevation 2500ft (762m).
Latitude: 60° 3.30' N; Longitude: 160° 52.20' W;
Township: 1S; Range: 67W; Section: 30; SW quarter;
Collector: I. F. Palmer, 1978. Field Identifier: 31-JM-78.

Map Locality Number: 33; USGS Mesozoic Locality: M7024.
Alaska, Bethel (A-5) 1:63360 quadrangle.
South end of Great Ridge. Elevation 2500ft (762m).
Latitude: 60° 3.30' N; Longitude: 160° 52.20' W;
Township: 1S; Range: 67W; Section: 30; SW quarter;
Collector: I. F. Palmer, 1978. Field Identifier: 32-JM-78.

Map Locality Number: 33; USGS Mesozoic Locality: M7025.
Alaska, Bethel (A-5) 1:63360 quadrangle.
South end of Great Ridge. Elevation 2500ft (762m).
Latitude: 60° 3.30' N; Longitude: 160° 52.20' W;
Township: 1S; Range: 67W; Section: 30; SW quarter;
Collector: I. F. Palmer, 1978. Field Identifier: 33-JM-78.

Map Locality Number: 33; USGS Mesozoic Locality: M8620.
Alaska, Bethel (A-5) 1:63360 quadrangle.
0.5 m scale x-bedded sandstones just E of crest of Great Ridge.
Latitude: 60° 3.10' N; Longitude: 160° 50.47' W;
Township: 1S; Range: 67W; Section: 32; NW/NW quarter;
Collector: Steve Box, 1989. Field Identifier: 89ASB80A.

Map Locality Number: 33; USGS Mesozoic Locality: M8631.
Alaska, Bethel (A-5) 1:63360 quadrangle.
SE side of Great Ridge in massive sandstone ca. 100 m above shale.
Latitude: 60° 3.47' N; Longitude: 160° 49.40' W;
Township: 1S; Range: 67W; Section: 29; SW/SE quarter;
Collector: John Murphy, 1989. Field Identifier: 89AJM57A.

Map Locality Number: 33; USGS Mesozoic Locality: M8632.
Alaska, Bethel (A-5) 1:63360 quadrangle.
SE side of Great Ridge in massive sandstone ca. 100 m above shale.
Latitude: 60° 3.47' N; Longitude: 160° 49.40' W;
Township: 1S; Range: 67W; Section: 29; SW/SE quarter;
Collector: John Murphy, 1989. Field Identifier: 89AJM57B.

Map Locality Number: 33; USGS Mesozoic Locality: M8633.
Alaska, Bethel (A-5) 1:63360 quadrangle.
SE side of Great Ridge in massive sandstone ca. 100 m above shale.
Latitude: 60° 3.47' N; Longitude: 160° 49.40' W;
Township: 1S; Range: 67W; Section: 29; SW/SE quarter;
Collector: John Murphy, 1989. Field Identifier: 89AJM57C.

Map Locality Number: 34; USGS Mesozoic Locality: M7565.
Alaska, Bethel (A-5) 1:63360 quadrangle.
Central part of Great Ridge. Elevation 2500ft (762m).
Latitude: 60° 4.90' N; Longitude: 160° 50.04' W;
Township: 1S; Range: 67W; Section: 20; NW quarter;
Collector: Wes Wallace, 1981. Field Identifier: C98 81-BB543A.

Map Locality Number: 34; USGS Mesozoic Locality: M7566.
Alaska, Bethel (A-5) 1:63360 quadrangle.
Great Ridge. Elevation 2500ft (762m).
Latitude: 60° 4.90' N; Longitude: 159° 50.04' W;
Township: 1S; Range: 67W; Section: 20; NW quarter;
Collector: Wes Wallace, 1981. Field Identifier: C-98, 81-BB-544.

Map Locality Number: 34; USGS Mesozoic Locality: M7567.
Alaska, Bethel (A-5) 1:63360 quadrangle.
Great Ridge. Elevation 2500ft (762m).
Latitude: 60° 4.90' N; Longitude: 159° 50.04' W;
Township: 1S; Range: 67W; Section: 20; NW quarter;
Collector: Wes Wallace, 1981. Field Identifier: C-98 81-BB-545.

Map Locality Number: 34; USGS Mesozoic Locality: M7568.
Alaska, Bethel (A-5) 1:63360 quadrangle.
Great Ridge. Elevation 2500ft (762m).
Latitude: 60° 4.90' N; Longitude: 159° 50.04' W;
Township: 1S; Range: 67W; Section: 20; SE quarter;
Collector: Wes Wallace, 1981. Field Identifier: C98 81-BB-548.

Map Locality Number: 34; USGS Mesozoic Locality: M7569.
Alaska, Bethel (A-5) 1:63360 quadrangle.
Great Ridge. Elevation 2500ft (762m).
Latitude: 60° 4.90' N; Longitude: 159° 50.04' W;
Township: 1S; Range: 67W; Section: 20; SE quarter;
Collector: Wes Wallace, 1981. Field Identifier: C-98 81BB550.

Map Locality Number: 34; USGS Mesozoic Locality: M8521.
Alaska, Bethel (A-5) 1:63360 quadrangle.
Great Ridge. Elevation 2550ft (777m).
Latitude: 60° 4.43' N; Longitude: 160° 50.44' W;
Township: 1S; Range: 67W; Section: 20; NW/NW quarter;
Collector: Steve Box, 1987. Field Identifier: 87ASB30.

Map Locality Number: 35; USGS Mesozoic Locality: M6374.
Alaska, Bethel (A-5) 1:63360 quadrangle.
Crest of Great Ridge about 3.5 miles S of Eek River. Elevation 2420ft (738m).
Latitude: 60° 7.00' N; Longitude: 160° 45.50' W;
Township: 1S; Range: 67W; Section: 2; SW quarter;
Collector: J. Hoare, 1974. Field Identifier: 74D-23.

Map Locality Number: 35; USGS Mesozoic Locality: M6375.
Alaska, Bethel (A-5) 1:63360 quadrangle.
Hill 1.7 miles S of Eek River & W of Great Ridge. Elevation 1093ft (333m).
Latitude: 60° 8.50' N; Longitude: 160° 50.00' W;
Township: 1N; Range: 67W; Section: 25; SW/SE quarter;
Collector: J. Hoare, 1974. Field Identifier: 74D-58.

Map Locality Number: 35; USGS Mesozoic Locality: M8091.
Alaska, Bethel (A-5) 1:63360 quadrangle.
Great Ridge. Elevation 2350ft (716m).
Latitude: 60° 6.50' N; Longitude: 160° 46.00' W;
Township: 1S; Range: 67W; Section: 10; NE quarter;
Collector: John Decker, 1983. Field Identifier: 83JD411C.

Map Locality Number: 35; USGS Mesozoic Locality: M8092.
Alaska, Bethel (A-5) 1:63360 quadrangle.
Great Ridge. Elevation 2350ft (716m).
Latitude: 60° 6.50' N; Longitude: 160° 46.00' W;
Township: 1S; Range: 67W; Section: 10; NE quarter;
Collector: John Decker, 1983. Field Identifier: 83JD411D.

Map Locality Number: 36; USGS Mesozoic Locality: M7570.
Alaska, Bethel (A-5) 1:63360 quadrangle.
North end of Great Ridge at Eek River. Elevation 600ft (183m).
Latitude: 60° 12.20' N; Longitude: 160° 41.30' W;
Township: 1N; Range: 66W; Section: 14; NE quarter;
Collector: Wes Wallace, 1981. Field Identifier: C-11 81BB129.

Map Locality Number: 36; USGS Mesozoic Locality: M8502.
Alaska, Bethel (A-5) 1:63360 quadrangle.
Eek River. Elevation 650ft (198m).
Latitude: 60° 2.03' N; Longitude: 160° 41.45' W;
Township: 1N; Range: 66W; Section: 14; NE quarter;
Collector: Steve Box, 1987. Field Identifier: 87ASB28C.

Map Locality Number: 37; USGS Mesozoic Locality: M8503.
Alaska, Bethel (A-5) 1:63360 quadrangle.
Great ridge, north of Eek River. Elevation 1450ft (442m).
Latitude: 60° 12.40' N; Longitude: 160° 38.90' W;
Township: 1N; Range: 66W; Section: 1; E half;
Collector: Steve Box, 1987. Field Identifier: 87ASB31.

Map Locality Number: 38; USGS Mesozoic Locality: M8504.
Alaska, Bethel (B-6) 1:63360 quadrangle.
Bend of Kwethluk River at Elbow Mountain. Elevation 250ft (76m).
Latitude: 60° 18.75' N; Longitude: 160° 56.25' W;
Township: 3N; Range: 67W; Section: 13; SW/SW quarter;
Collector: Mike Mullen, 1987. Field Identifier: 87AMM40.

Map Locality Number: 39; USGS Mesozoic Locality: M6890.
Alaska, Bethel (A-3) 1:63360 quadrangle.
Ridge south of Rich Gulch. Elevation 2150ft (655m).
Latitude: 60° 10.10' N; Longitude: 160° 0.60' W;
Township: 1N; Range: 62W; Section: 23; Central section;
Collector: W. L. Coonrad, 1976. Field Identifier: BA3-2446.

Map Locality Number: 40; USGS Mesozoic Locality: M6887.
Alaska, Bethel (A-3) 1:63360 quadrangle.
Ridge south of Rich Gulch. Elevation 2500ft (762m).
Latitude: 60° 8.90' N; Longitude: 159° 59.75' W;
Township: 1N; Range: 62W; Section: 26; Center;
Collector: W. L. Coonrad, 1976. Field Identifier: BA3-1716.

Map Locality Number: 40; USGS Mesozoic Locality: M6888.
Alaska, Bethel (A-3) 1:63360 quadrangle.
Ridge south of Rich Gulch. Elevation 2200ft (671m).
Latitude: 60° 9.95' N; Longitude: 160° .66' W;
Township: 1N; Range: 62W; Section: 26; NW quarter;
Collector: W. L. Coonrad, 1976. Field Identifier: BA3-1722.

Map Locality Number: 40; USGS Mesozoic Locality: M6889.
Alaska, Bethel (A-3) 1:63360 quadrangle.
Ridge south of Rich Gulch. Elevation 2200ft (671m).
Latitude: 60° 9.10' N; Longitude: 159° 59.40' W;
Township: 1N; Range: 62W; Section: 26; NW quarter;
Collector: W. L. Coonrad, 1976. Field Identifier: BA3-2445.

Map Locality Number: 41; USGS Mesozoic Locality: 21476.
Alaska, Bethel (B-2) 1:63360 quadrangle.
About 800 ft up the recurved tributary to Akoswift Creek. Elevation 2100ft (640m).
Latitude: 60° 15.80' N; Longitude: 159° 44.20' W;
Township: 2N; Range: 44W; Section: 17; Center;
Collector: Irv Tailleir, 1948. Field Identifier: 48ATr91.

Map Locality Number: 41; USGS Mesozoic Locality: M6885.
Alaska, Bethel (B-2) 1:63360 quadrangle.
Ridge at head of tributary of Akoswift Creek. Elevation 2800ft (854m).
Latitude: 60° 16.15' N; Longitude: 159° 43.53' W;
Township: 2N; Range: 60W; Section: 9; SW quarter;
Collector: W. L. Coonrad, 1976. Field Identifier: BB2-1723.

Map Locality Number: 41; USGS Mesozoic Locality: M6886.
Alaska, Bethel (B-2) 1:63360 quadrangle.
Ridge at head of tributary of Akoswift Creek. Elevation 2800ft (854m).
Latitude: 60° 16.15' N; Longitude: 159° 43.53' W;
Township: 2N; Range: 60W; Section: 9; SW quarter;
Collector: W. L. Coonrad, 1976. Field Identifier: BB2-2447.

Map Locality Number: 41; USGS Mesozoic Locality: M8500.
Alaska, Bethel (B-2) 1:63360 quadrangle.
Ridge east of Akoswift Creek. Elevation 2600ft (793m).
Latitude: 60° 16.05' N; Longitude: 159° 43.50' W;
Township: 2N; Range: 60W; Section: 17; NE quarter;
Collector: Steve Box, 1987. Field Identifier: 87ASB10B.

Map Locality Number: 42; USGS Mesozoic Locality: M8623.
Alaska, Bethel (A-2) 1:63360 quadrangle.
10 cm argillite bed between 10 cm chert beds.
Latitude: 60° 5.05' N; Longitude: 159° 32.20' W;
Township: 1S; Range: 60W; Section: 14; SE/SW quarter;
Collector: Steve Box, 1989. Field Identifier: 89ASB104.

Map Locality Number: 43; USGS Mesozoic Locality: M7765.
Alaska, Taylor Mountains (B-8) 1:63360 quadrangle.
Cutbank on north side of Tikchik River. Elevation 925ft (282m).
Latitude: 60° 22.30' N; Longitude: 158° 42.60' W;
Township: 3N; Range: 54W; Section: 7; NE quarter;
Collector: Wes Wallace, 1982. Field Identifier: 82BB143.

Map Locality Number: 44; USGS Mesozoic Locality: M5406.
Alaska, Taylor Mountains (B-7) 1:63360 quadrangle.
On NE trending ridge NW of Kogruklu River, NE of hill 1980. Elevation 1950ft (595m).
Latitude: 60° 25.00' N; Longitude: 158° 32.00' W;
Township: 4N; Range: 53W; Section: 19; SE/SE quarter;
Collector: W. H. Condon, 1969. Field Identifier: 69ACo233.

Map Locality Number: 45; USGS Mesozoic Locality: M5407.
Alaska, Taylor Mountains (B-7) 1:63360 quadrangle.
Shallow canyon cut by west flowing tributary to Tikchik River. Elevation 1000ft (305m).
Latitude: 60° 17.00' N; Longitude: 158° 31.00' W;
Township: 2N; Range: 53W; Section: 8; SE quarter;
Collector: W. H. Condon, 1969. Field Identifier: 69ACo238.

Map Locality Number: 46; USGS Mesozoic Locality: M7695.
Alaska, Taylor Mountains (A-8) 1:63360 quadrangle.
Cutbank in Tikchik River. Elevation 800ft (244m).
Latitude: 60° 14.90' N; Longitude: 158° 32.70' W;
Township: 2N; Range: 53W; Section: 19; SE quarter;
Collector: Steve Box, 1982. Field Identifier: 82SBA7.

Map Locality Number: 47; USGS Mesozoic Locality: M5404.
Alaska, Taylor Mountains (B-6) 1:63360 quadrangle.
3/8 mi NW of peak 2968, saddle of Shotgun Hills. Elevation 2000ft (610m).
Latitude: 60° 28.50' N; Longitude: 158° 9.50' W;
Township: 5N; Range: 51W; Section: 25; SW/SW quarter;
Collector: W. H. Condon, 1969. Field Identifier: 69ACo186.

Map Locality Number: 48; USGS Mesozoic Locality: M2697.
Alaska, Taylor Mountains (B-6) 1:63360 quadrangle.
Head of E flowing tributary to King Salmon River. Elevation 1400ft (427m).
Latitude: 60° 16.70' N; Longitude: 158° 7.00' W;
Township: 2N; Range: 51W; Section: 10; Center;
Collector: British Petroleum Corp., 1963. Field Identifier: NUS118.

Map Locality Number: 49; USGS Mesozoic Locality: M5405.
Alaska, Taylor Mountains (B-6) 1:63360 quadrangle.
Rubble on peak 2698 south of King Salmon River. Elevation 2650ft (808m).
Latitude: 60° 16.00' N; Longitude: 158° 7.00' W;
Township: 2N; Range: 51W; Section: 5; SW quarter;
Collector: W. H. Condon, 1969. Field Identifier: 69ACo187.

Map Locality Number: 50; USGS Mesozoic Locality: M7571.
Alaska, Taylor Mountains (B-5) 1:63360 quadrangle.
Saddle west of hill 1490. Elevation 1900ft (579m).
Latitude: 60° 23.50' N; Longitude: 157° 41.55' W;
Township: 4N; Range: 48W; Section: 31; SW quarter;
Collector: Wes Wallace, 1981. Field Identifier: C-137 81-BB-140.

Map Locality Number: 51; USGS Mesozoic Locality: M2696.
Alaska, Taylor Mountains (B-6) 1:63360 quadrangle.
NE of Tikchik Mountain. Elevation 1300ft (396m).
Latitude: 60° 7.50' N; Longitude: 158° 6.00' W;
Township: 1N; Range: 51W; Section: 35; Mid-south line;
Collector: British Petroleum Corp., 1963. Field Identifier: NUS529.

Map Locality Number: 51; USGS Mesozoic Locality: M2698.
Alaska, Taylor Mountains (B-4) 1:63360 quadrangle.
North bank of King Salmon River. Elevation 600ft (183m).
Latitude: 60° 27.80' N; Longitude: 156° 8.80' W;
Township: 2N; Range: 47W; Section: 21; NE quarter;
Collector: British Petroleum Corp., 1963. Field Identifier: NUS131.

Map Locality Number: 52; USGS Mesozoic Locality: M2699.
Alaska, Taylor Mountains (A-1) 1:63360 quadrangle.
East of Mosquito River. Elevation 800ft (244m).
Latitude: 60° 27.80' N; Longitude: 156° 8.80' W;
Township: 4N; Range: 40W; Section: 2; East line;
Collector: British Petroleum Corp., 1963. Field Identifier: NUS616.

Map Locality Number: 53; USGS Mesozoic Locality: M7573.
Alaska, Lake Clark (B-6) 1:63360 quadrangle.
Ridge SE of Chilchitna River. Elevation 2000ft (610m).
Latitude: 60° 24.25' N; Longitude: 155° 5.10' W;
Township: 4N; Range: 33W; Section: 30; SW quarter;
Collector: Wes Wallace, 1981. Field Identifier: C-153 81BB157.

Map Locality Number: 53; USGS Mesozoic Locality: M7771.
Alaska, Lake Clark (B-6) 1:63360 quadrangle.
Ridge SE of Chilchitna River. Recollection of M7573. Elevation 2000ft (610m).
Latitude: 60° 24.25' N; Longitude: 155° 5.10' W;
Township: 4N; Range: 33W; Section: 30; SW quarter;
Collector: Wes Wallace, 1982. Field Identifier: 82BB584.

Map Locality Number: 54; USGS Mesozoic Locality: M7769.
Alaska, Lake Clark (B-5) 1:63360 quadrangle.
Ridge NW of northeasterly trending tributary of Koksetna River. Elevation 3100ft (945m).
Latitude: 60° 29.60' N; Longitude: 154° 49.00' W;
Township: 5N; Range: 32W; Section: 25; SW quarter;
Collector: Wes Wallace, 1982. Field Identifier: 82BB389.

Map Locality Number: 54; USGS Mesozoic Locality: M7770.
Alaska, Lake Clark (B-5) 1:63360 quadrangle.
Ridge NW of northeasterly trending tributary of Koksetna River. Elevation 3100ft (945m).
Latitude: 60° 29.60' N; Longitude: 154° 49.00' W;
Township: 5N; Range: 32W; Section: 25; SW quarter;
Collector: Wes Wallace, 1982. Field Identifier: 82BB394.

Map Locality Number: 55; USGS Mesozoic Locality: M8625.
Alaska, Bethel (B-5) 1:63360 quadrangle.
Sandstone beds in volcanoclastic breccia and conglomerate.
Latitude: 60° 27.40' N; Longitude: 160° 43.28' W;
Township: 4N; Range: 65W; Section: 10; NE/NW quarter;
Collector: John Murphy, 1989. Field Identifier: 89AJM4B.

Map Locality Number: 55; USGS Mesozoic Locality: M8626.
Alaska, Bethel (B-5) 1:63360 quadrangle.
Sandstone beds in volcanoclastic breccia and conglomerate.
Latitude: 60° 27.40' N; Longitude: 160° 43.28' W;
Township: 4N; Range: 65W; Section: 10; NE/NW quarter;
Collector: John Murphy, 1989. Field Identifier: 89AJM4C.

Map Locality Number: 55; USGS Mesozoic Locality: M8627.
Alaska, Bethel (B-5) 1:63360 quadrangle.
Rubbly exposure of tuffaceous sandstone and siltstone.
Latitude: 60° 26.07' N; Longitude: 160° 43.87' W;
Township: 4N; Range: 65W; Section: 15; NW/SW quarter;
Collector: John Murphy, 1989. Field Identifier: 89AJM5B.

Map Locality Number: 56; USGS Mesozoic Locality: M8634.
Alaska, Bethel (B-3) 1:63360 quadrangle.
North bank of Quicksilver Creek.
Latitude: 60° 28.97' N; Longitude: 159° 50.82' W;
Township: 5N; Range: 60W; Section: 32; SW/NE quarter;
Collector: Steve Box, 1988. Field Identifier: 88ASB10.

Map Locality Number: 57; USGS Mesozoic Locality: M8619.
Alaska, Bethel (C-3) 1:63360 quadrangle.
Bases of sandstone turbidites on N bank of Quicksilver River.
Latitude: 60° 30.28' N; Longitude: 159° 47.20' W;
Township: 5N; Range: 60W; Section: 22; SW/SE quarter;
Collector: Steve Box, 1989. Field Identifier: 89ASB29.

Map Locality Number: 58; USGS Mesozoic Locality: M8505.
Alaska, Bethel (C-4) 1:63360 quadrangle.
Little Crow Hills. Elevation 1250ft (381m).
Latitude: 60° 30.35' N; Longitude: 159° 20.37' W;
Township: 5N; Range: 63W; Section: 21; SW/SE quarter;
Collector: John Murphy, 1987. Field Identifier: 87AJM-26B.

Map Locality Number: 59; USGS Mesozoic Locality: M8616.
Alaska, Bethel (B-5) 1:63360 quadrangle.
Rubbly sandstone exposure on crest of Hill 1032.
Latitude: 60° 28.97' N; Longitude: 160° 42.20' W;
Township: 5N; Range: 65W; Section: 33; Center NW quarter;
Collector: Steve Box, 1989. Field Identifier: 89ASB4.

Map Locality Number: 59; USGS Mesozoic Locality: M8638.
Alaska, Bethel (B-5) 1:63360 quadrangle.
Volcanoclastic sandstone in saddle just E of Hill 1405'.
Latitude: 60° 29.93' N; Longitude: 160° 43.08' W;
Township: 5N; Range: 65W; Section: 29; NE/NE quarter;
Collector: John Murphy, 1988. Field Identifier: 88AJM287B.

Map Locality Number: 59; USGS Mesozoic Locality: M8639.
Alaska, Bethel (B-5) 1:63360 quadrangle.
Volcaniclastic sandstone in saddle just E of Hill 1405'.
Latitude: 60° 29.93' N; Longitude: 160° 43.08' W;
Township: 5N; Range: 65W; Section: 29; NE/NE quarter;
Collector: John Murphy, 1988. Field Identifier: 88AJM287C.

Map Locality Number: 60; USGS Mesozoic Locality: M8506.
Alaska, Bethel (C-5) 1:63360 quadrangle.
West of headwaters of Little Kasigluk River. Hill 1710. Elevation 1710ft (521m).
Latitude: 60° 31.63' N; Longitude: 160° 43.13' W;
Township: 5N; Range: 65W; Section: 17; SW quarter;
Collector: Steve Box, 1987. Field Identifier: 87ASB26.

Map Locality Number: 60; USGS Mesozoic Locality: M8522.
Alaska, Bethel (C-5) 1:63360 quadrangle.
Ridge SW of Kasigluk River.
Latitude: 60° 30.90' N; Longitude: 160° 42.16' W;
Township: 5N; Range: 65W; Section: 21; NW quarter;
Collector: Steve Box, 1987. Field Identifier: 87ASB24.

Map Locality Number: 61; USGS Mesozoic Locality: M8507.
Alaska, Bethel (C-5) 1:63360 quadrangle.
Shining Dome. Elevation 800ft (244m).
Latitude: 60° 33.86' N; Longitude: 160° 30.67' W;
Township: 5N; Range: 64W; Section: 4; NE quarter;
Collector: John Murphy, 1987. Field Identifier: 87AJM27E.

Map Locality Number: 62; USGS Mesozoic Locality: M5408.
Alaska, Taylor Mountains (C-8) 1:63360 quadrangle.
East side of Gemuk Mtn. Middle head water of tributary to Gemuk River.
Elevation 1800ft (549m).
Latitude: 60° 37.50' N; Longitude: 158° 59.00' W;
Township: 6N; Range: 55W; Section: 8; SW quarter;
Collector: J. Hoare, 1969. Field Identifier: 69AHR147.

Map Locality Number: 62; USGS Mesozoic Locality: M8637.
Alaska, Taylor Mountains (C-8) 1:63360 quadrangle.
N bank of small drainage on E side of Gemuk Mountain.
Latitude: 60° 38.01' N; Longitude: 158° 58.85' W;
Township: 6N; Range: 55W; Section: 7; Center;
Collector: John Murphy, 1988. Field Identifier: 88AJM274C.

Map Locality Number: 63; USGS Mesozoic Locality: M8629.
Alaska, Bethel (C-2) 1:63360 quadrangle.
Thin bedded sandstone on W bank of Kipchuk River in cut bank.
Latitude: 60° 40.00' N; Longitude: 159° 25.70' W;
Township: 7N; Range: 58W; Section: 27; NE/SE quarter;
Collector: John Murphy, 1989. Field Identifier: 89AJM44A.

Map Locality Number: 64; USGS Mesozoic Locality: 20718.
Alaska, Bethel (C-2) 1:63360 quadrangle.
On Salmon River 5.1 miles SW of Cripple Creek. Elevation 1300ft (396m).
Latitude: 60° 43.00' N; Longitude: 159° 40.00' W;
Township: 7N; Range: 59W; Section: 5; N half;
Collector: J. Hoare, 1946. Field Identifier: 46AHR101.

Map Locality Number: 65; USGS Mesozoic Locality: 20717.
Alaska, Bethel (D-2) 1:63360 quadrangle.
Bell Creek.
Latitude: 60° 47.10' N; Longitude: 159° 30.15' W;
Township: 8N; Range: 58W; Section: 17; W half;
Collector: J. Hoare, 1946. Field Identifier: 46AHR91.

Map Locality Number: 66; USGS Mesozoic Locality: M8508.
Alaska, Bethel (D-1) 1:63360 quadrangle.
Kipchuk River. Elevation 1000ft (305m).
Latitude: 60° 47.83' N; Longitude: 159° 19.17' W;
Township: 8N; Range: 57W; Section: 8; NW/SE quarter;
Collector: John Murphy, 1987. Field Identifier: 87AJM53A.

Map Locality Number: 67; USGS Mesozoic Locality: M8511.
Alaska, Bethel (D-3) 1:63360 quadrangle.
SW of Karl Creek. Elevation 650ft (198m).
Latitude: 60° 48.25' N; Longitude: 159° 59.10' W;
Township: 8N; Range: 61W; Section: 9; NE quarter;
Collector: Mike Mullen, 1987. Field Identifier: 87AMm33.

Map Locality Number: 68; USGS Mesozoic Locality: M8513.
Alaska, Bethel (D-3) 1:63360 quadrangle.
Otter Creek. Elevation 800ft (244m).
Latitude: 60° 52.04' N; Longitude: 159° 56.22' W;
Township: 9N; Range: 60W; Section: 16; NE/SW quarter;
Collector: John Murphy, 1987. Field Identifier: 87AJM62B.

Map Locality Number: 69; USGS Mesozoic Locality: M8512.
Alaska, Bethel (D-3) 1:63360 quadrangle.
Otter Creek. Elevation 700ft (213m).
Latitude: 60° 52.35' N; Longitude: 160° .46' W;
Township: 9N; Range: 61W; Section: 13; SE/NE quarter;
Collector: Mike Mullen, 1987. Field Identifier: 87AMm52.

Map Locality Number: 70; USGS Mesozoic Locality: M8510.
Alaska, Bethel (D-3) 1:63360 quadrangle.
Ridge east of north heads of Otter Creek. Elevation 2250ft (686m).
Latitude: 60° 54.10' N; Longitude: 159° 55.60' W;
Township: 9N; Range: 60W; Section: 4; NE/NE quarter;
Collector: Steve Box, 1987. Field Identifier: 87ASB68.

Map Locality Number: 70; USGS Mesozoic Locality: M8514.
Alaska, Bethel (D-3) 1:63360 quadrangle.
Slate Creek. Elevation 850ft (259m).
Latitude: 60° 40.52' N; Longitude: 159° 54.52' W;
Township: 10N; Range: 60W; Section: 27; SW/SW quarter;
Collector: John Murphy, 1987. Field Identifier: 87AJM97B.

Map Locality Number: 70; USGS Mesozoic Locality: M8636.
Alaska, Bethel (D-3) 1:63360 quadrangle.
On ridge at 2600' ca. 1/2 mi. N of Peak 2897'. Elevation 2600ft (793m).
Latitude: 60° 53.43' N; Longitude: 159° 55.33' W;
Township: 9N; Range: 60W; Section: 9; NE/NE quarter;
Collector: John Murphy, 1988. Field Identifier: 88AJM213A&C.

Map Locality Number: 71; USGS Mesozoic Locality: M8617.
Alaska, Bethel (D-3) 1:63360 quadrangle.
Dredge tailing 50 m S of Tuluksak River across from bluffs. Elevation 350ft (107m).
Latitude: 60° 58.95' N; Longitude: 160° 3.08' W;
Township: 10N; Range: 61W; Section: 2; NE/SW quarter;
Collector: Steve Box, 1989. Field Identifier: 89ASB8.

Map Locality Number: 72; USGS Mesozoic Locality: M8624.
Alaska, Bethel (D-3) 1:63360 quadrangle.
Same as localities 20716 and 21481.
Latitude: 60° 58.95' N; Longitude: 160° 0.15' W;
Township: 10N; Range: 60W; Section: 6; NW/SW quarter;
Collector: John Murphy, 1989. Field Identifier: 89AJM01A.

Map Locality Number: 73; USGS Mesozoic Locality: M8523.
Alaska, Bethel (D-2) 1:63360 quadrangle.
Salmon River upstream from Pass Creek. Elevation 850ft (259m).
Latitude: 60° 55.95' N; Longitude: 159° 29.38' W;
Township: 10N; Range: 58W; Section: 25; NW/NE quarter;
Collector: Tom Moore, 1987. Field Identifier: 87ATm40.

Map Locality Number: 74; USGS Mesozoic Locality: 18926.
Alaska, Taylor Mountains (D-5) 1:63360 quadrangle.
Holitna River north of Kiknik Creek. Elevation 300ft (91m).
Latitude: 60° 58.10' N; Longitude: 157° 35.70' W;
Township: 10N; Range: 47W; Section: 7; NW/NE quarter;
Collector: W. M. Cady, 1943. Field Identifier: 43ACa99.

Map Locality Number: 75; USGS Mesozoic Locality: 19394.
Alaska, Taylor Mountains (D-5) 1:63360 quadrangle.
Lower NW slopes of Taylor Mountains. Elevation 1500ft (457m).
Latitude: 60° 58.05' N; Longitude: 157° 31.05' W;
Township: 10N; Range: 46W; Section: 7; SW quarter;
Collector: W. M. Cady, 1944. Field Identifier: 44ACa16.

Map Locality Number: 75; USGS Mesozoic Locality: 19395.
Alaska, Taylor Mountains (D-5) 1:63360 quadrangle.
Lower NW slopes of Taylor Mountains. Elevation 1500ft (457m).
Latitude: 60° 58.05' N; Longitude: 157° 31.05' W;
Township: 10N; Range: 46W; Section: 7; SW quarter;
Collector: J. Hoare, 1944. Field Identifier: 44AHR4.

Map Locality Number: 75; USGS Mesozoic Locality: 44ACA23.
Alaska, Taylor Mountains (D-5) 1:63360 quadrangle.
Lower NW slopes of Taylor Mountains. Elevation 1500ft (457m).
Latitude: 60° 58.05' N; Longitude: 157° 31.05' W;
Township: 10N; Range: 46W; Section: 7; SW quarter;
Collector: W. M. Cady, 1944. Field Identifier: 44ACA23.

Map Locality Number: 76; USGS Mesozoic Locality: M7946.
Alaska, Sleetmute (A-1) 1:63360 quadrangle.
Southeast of Door Mountains. Elevation 1400ft (427m).
Latitude: 61° 4.00' N; Longitude: 156° 3.90' W;
Township: 11N; Range: 38W; Section: 5; Mid-south line;
Collector: Wes Wallace, 1983. Field Identifier: 83BB34.

Map Locality Number: 76; USGS Mesozoic Locality: M7947.
Alaska, Sleetmute (A-1) 1:63360 quadrangle.
Southeast of Door Mountains. Elevation 1100ft (335m).
Latitude: 61° 4.00' N; Longitude: 156° 3.90' W;
Township: 11N; Range: 38W; Section: 5; E half south line;
Collector: Wes Wallace, 1983. Field Identifier: 83BB36.

Map Locality Number: 77; USGS Mesozoic Locality: M8615.
Alaska, Lime Hills (A-6) 1:63360 quadrangle.
Cairn Mountain area north of Hill 1768. Elevation 1650ft (503m).
Latitude: 61° 11.70' N; Longitude: 155° 30.43' W;
Township: 13N; Range: 35W; Section: 26; SW quarter;
Collector: Wes Wallace, 1984. Field Identifier: 84BB-39WKW.

Map Locality Number: 78; USGS Mesozoic Locality: M8628.
Alaska, Russian Mission (A-3) 1:63360 quadrangle.
Dredged blocks in California Creek.
Latitude: 61° 5.52' N; Longitude: 159° 54.20' W;
Township: 11N; Range: 60W; Section: 10; NE/SE quarter;
Collector: John Murphy, 1989. Field Identifier: 89AJM9A.

Map Locality Number: 79; USGS Mesozoic Locality: M8630.
Alaska, Russian Mission (A-2) 1:63360 quadrangle.
Just W of 2500 ft contour on ridge SE of Sawpit Creek. Elevation 2500ft (762m).
Latitude: 61° 5.30' N; Longitude: 159° 35.07' W;
Township: 12N; Range: 58W; Section: 33; SW/NW quarter;
Collector: John Murphy, 1989. Field Identifier: 89AJM51A.

Map Locality Number: 80; USGS Mesozoic Locality: M8618.
Alaska, Russian Mission (A-2) 1:63360 quadrangle.
Top and flanks of hill above exposed green banded tuff beds.
Latitude: 61° 10.75' N; Longitude: 159° 38.60' W;
Township: 13N; Range: 58W; Section: 34; NE/NE quarter;
Collector: Steve Box, 1989. Field Identifier: 89ASB9.

Map Locality Number: 81; USGS Mesozoic Locality: 19387.
Alaska, Sleetmute (B-7) 1:63360 quadrangle.
Ridge east of Kogoyuk Creek. Elevation 2200ft (671m).
Latitude: 61° 22.30' N; Longitude: 158° 27.90' W;
Township: 15N; Range: 51W; Section: 20; SE quarter;
Collector: R. Wallace, 1944. Field Identifier: 44AW70.

Map Locality Number: 82; USGS Mesozoic Locality: 19729.
Alaska, Sleetmute (A-7) 1:63360 quadrangle.
Holokuk River. Elevation 1000ft (305m).
Latitude: 61° 9.75' N; Longitude: 158° 25.20' W;
Township: 12N; Range: 52W; Section: 1; NW quarter;
Collector: W. M. Cady, 1945. Field Identifier: 45ACa66.

Map Locality Number: 84; USGS Mesozoic Locality: M7756.
Alaska, Sleetmute (A-6) 1:63360 quadrangle.
Kiolut Mountains. Elevation 2800ft (854m).
Latitude: 61° 13.00' N; Longitude: 158° 9.20' W;
Township: 13N; Range: 50W; Section: 13; E central section;
Collector: Wes Wallace, 1982. Field Identifier: 82BB38.

Map Locality Number: 85; USGS Mesozoic Locality: M8093.
Alaska, Sleetmute (A-5) 1:63360 quadrangle.
Ridge south of Nogamut. Elevation 800ft (244m).
Latitude: 61° 11.20' N; Longitude: 157° 58.00' W;
Township: 13N; Range: 48W; Section: 30; Mid-south line;
Collector: John Decker, 1983. Field Identifier: 83JD437B.

Map Locality Number: 86; USGS Mesozoic Locality: M8096.
Alaska, Sleetmute (B-6) 1:63360 quadrangle.
East end of Kiokluk Mountains. Elevation 2000ft (610m).
Latitude: 61° 16.50' N; Longitude: 157° 57.30' W;
Township: 14N; Range: 48W; Section: 25; SW quarter;
Collector: Steve Box, 1983. Field Identifier: 83ASB244A.

Map Locality Number: 87; USGS Mesozoic Locality: M8083.
Alaska, Sleetmute (B-6) 1:63360 quadrangle.
Kiokluk Mountains. Elevation 2400ft (732m).
Latitude: 61° 16.20' N; Longitude: 158° 0.01' W;
Township: 14N; Range: 49W; Section: 26; Mid-south line;
Collector: John Decker, 1983. Field Identifier: 83JD465.

Map Locality Number: 88; USGS Mesozoic Locality: M8085.
Alaska, Sleetmute (B-7) 1:63360 quadrangle.
Chuilnuk Mountains. Elevation 2800ft (854m).
Latitude: 61° 17.30' N; Longitude: 157° 50.00' W;
Township: 14N; Range: 42W; Section: 23; SW quarter;
Collector: John Decker, 1983. Field Identifier: 83JD307.

Map Locality Number: 89; USGS Mesozoic Locality: M8094.
Alaska, Sleetmute (B-6) 1:63360 quadrangle.
Kiokluk Mountains. Elevation 2100ft (640m).
Latitude: 61° 16.36' N; Longitude: 158° 6.18' W;
Township: 14N; Range: 49W; Section: 29; SW quarter;
Collector: John Decker, 1983. Field Identifier: 83JD463A.

Map Locality Number: 90; USGS Mesozoic Locality: M8088.
Alaska, Sleetmute (B-4) 1:63360 quadrangle.
Lake at head of Chineeluk Creek, Chuilnuk Mountains. Elevation 2800ft (854m).
Latitude: 61° 17.90' N; Longitude: 157° 53.30' W;
Township: 14; Range: 48; Section: 9; N line;
Collector: Steve Box, 1983. Field Identifier: 83SB214A.

Map Locality Number: 91; USGS Mesozoic Locality: M8090.
Alaska, Sleetmute (B-5) 1:63360 quadrangle.
Ridge west of Kiokluk Creek. Elevation 1400ft (427m).
Latitude: 61° 17.45' N; Longitude: 158° 11.75' W;
Township: 14; Range: 50; Section: 23; NW quarter;
Collector: John Decker, 1983. Field Identifier: 83MR119A.

Map Locality Number: 92; USGS Mesozoic Locality: M8082.
Alaska, Sleetmute (B-5) 1:63360 quadrangle.
1st major tributary of Chineeluk Creek. Elevation 1000ft (305m).
Latitude: 61° 21.20' N; Longitude: 157° 40.70' W;
Township: 14N; Range: 47W; Section: 36; NW quarter;
Collector: John Decker, 1983. Field Identifier: 83MA9B.

Map Locality Number: 93; USGS Mesozoic Locality: M8089.
Alaska, Sleetmute (B-4) 1:63360 quadrangle.
Ridge at head of Oskawalik River. Elevation 2200ft (671m).
Latitude: 61° 26.20' N; Longitude: 157° 32.90' W;
Township: 15; Range: 46; Section: 33; NW quarter;
Collector: John Decker, 1983. Field Identifier: 83RR319A.

Map Locality Number: 94; USGS Mesozoic Locality: 19386.
Alaska, Sleetmute (B-7) 1:63360 quadrangle.
Holokuk River south of mouth of Gold Run. Elevation 300ft (91m).
Latitude: 61° 25.50' N; Longitude: 158° 26.70' W;
Township: 15N; Range: 31W; Section: 4; NW/NW quarter;
Collector: R. Wallace, 1944. Field Identifier: 44AW64-69.

Map Locality Number: 95; USGS Mesozoic Locality: M8084.
Alaska, Sleetmute (B-7) 1:63360 quadrangle.
Holokuk River. Locality data too poor for precise relocation. Elevation 900ft (274m).
Latitude: 61° 29.00' N; Longitude: 158° 28.00' W;
Township: 16N; Range: 51W; Section: 17; W line;
Collector: John Decker, 1983. Field Identifier: 83JD252A.

Map Locality Number: 96; USGS Mesozoic Locality: 11.
Alaska, Sleetmute (C-7) 1:63360 quadrangle.
Cut-bank on southeast side of Kuskokwim River. Elevation 200ft (61m).
Latitude: 61° 37.20' N; Longitude: 158° 16.90' W;
Township: 18N; Range: 50W; Section: 25; SE quarter;
Collector: J. E. Spurr, 1898. Field Identifier: None.

Map Locality Number: 97; USGS Mesozoic Locality: 19388.
Alaska, Sleetmute (C-7) 1:63360 quadrangle.
Kuskokwim River opposite mouth of Holokuk River. Elevation 200ft (61m).
Latitude: 61° 32.50' N; Longitude: 158° 35.80' W;
Township: 17N; Range: 51W; Section: 30; N half;
Collector: R. Wallace, 1944. Field Identifier: 44AW71,72,74,78.

Map Locality Number: 97; USGS Mesozoic Locality: 19389.
Alaska, Sleetmute (C-7) 1:63360 quadrangle.
Kuskokwim River opposite mouth of Holokuk River. Elevation 200ft (61m).
Latitude: 61° 32.50' N; Longitude: 158° 35.80' W;
Township: 17N; Range: 51W; Section: 30; N half;
Collector: R. Wallace, 1944. Field Identifier: 44AW73.

Map Locality Number: 97; USGS Mesozoic Locality: M7439.
Alaska, Sleetmute (C-7) 1:63360 quadrangle.
Kuskokwim River at mouth of New York Creek. Elevation 200ft (61m).
Latitude: 61° 33.00' N; Longitude: 158° 35.00' W;
Township: 17N; Range: 51W; Section: 19; N half;
Collector: John Decker, 1980. Field Identifier: 80AJD114

Map Locality Number: 97; USGS Mesozoic Locality: M7757.
Alaska, Sleetmute (C-7) 1:63360 quadrangle.
Cut-bank on Kuskokwim River opposite mouth of Holokuk River. Elevation 200ft (61m).
Latitude: 61° 53.00' N; Longitude: 157° 39.00' W;
Township: 17N; Range: 51W; Section: 26; Mid-N line;
Collector: Wes Wallace, 1982. Field Identifier: 82-BB-59.

Map Locality Number: 98; USGS Mesozoic Locality: 13.
Alaska, Sleetmute (C-8) 1:63360 quadrangle.
Cutbank at sharp bend of Kuskokwim River. Elevation 200ft (61m).
Latitude: 61° 34.50' N; Longitude: 158° 48.00' W;
Township: 17N; Range: 53W; Section: 13; NW quarter;
Collector: J. E. Spurr, 1898. Field Identifier: None.

Map Locality Number: 98; USGS Mesozoic Locality: 19393.
Alaska, Sleetmute (C-8) 1:63360 quadrangle.
Cutbank at sharp bend of Kuskokwim River. Elevation 200ft (61m).
Latitude: 61° 34.50' N; Longitude: 158° 48.00' W;
Township: 17N; Range: 53W; Section: 13; NW quarter;
Collector: R. Wallace, 1944. Field Identifier: 44AW105,106.

Map Locality Number: 98; USGS Mesozoic Locality: M7762.
Alaska, Sleetmute (C-8) 1:63360 quadrangle.
Cutbank at sharp bend of Kuskokwim River. Elevation 200ft (61m).
Latitude: 61° 34.50' N; Longitude: 158° 48.00' W;
Township: 17N; Range: 53W; Section: 13; NW quarter;
Collector: Wes Wallace, 1982. Field Identifier: 82-BB-107.

Map Locality Number: 99; USGS Mesozoic Locality: 19732.
Alaska, Sleetmute (C-8) 1:63360 quadrangle.
West shore of Kolmokof River. Elevation 400ft (122m).
Latitude: 61° 45.80' N; Longitude: 157° 50.00' W;
Township: 19; Range: 53W; Section: 26; NE/NW quarter;
Collector: W. M. Cady, 1945. Field Identifier: 45ACa82.

Map Locality Number: 100; USGS Mesozoic Locality: 19735.
Alaska, Sleetmute (C-8) 1:63360 quadrangle.
West shore of Kolmokof River. Elevation 200ft (61m).
Latitude: 61° 37.40' N; Longitude: 157° 50.90' W;
Township: 18N; Range: 53W; Section: 27; SE/NW quarter;
Collector: J. Hoare, 1945. Field Identifier: 45AHr22.

Map Locality Number: 101; USGS Mesozoic Locality: 9087.
Alaska, Sleetmute (C-8) 1:63360 quadrangle.
Kuskokwim River west of mouth of Kolmakof River. Elevation 50ft (15m).
Latitude: 61° 34.35' N; Longitude: 158° 52.50' W;
Township: 17N; Range: 53W; Section: 14; NW quarter;
Collector: A. G.Maddren, 1914. Field Identifier: None.

Map Locality Number: 101; USGS Mesozoic Locality: 9088.
Alaska, Sleetmute (C-8) 1:63360 quadrangle.
Cut-bank on north side of Kuskokwim River. Elevation 100ft (30m).
Latitude: 61° 35.50' N; Longitude: 158° 56.00' W;
Township: 17N; Range: 53W; Section: 5; NE quarter;
Collector: A. G.Maddren, 1914. Field Identifier: None.

Map Locality Number: 102; USGS Mesozoic Locality: M7759.
Alaska, Sleetmute (C-8) 1:63360 quadrangle.
Kuskokwim River cutbank west of Kolmakof River. Elevation 100ft (30m).
Latitude: 61° 35.70' N; Longitude: 159° 0.00' W;
Township: 17N; Range: 54W; Section: 1; NW quarter;
Collector: Wes Wallace, 1982. Field Identifier: 82-BB-80.

Map Locality Number: 103; USGS Mesozoic Locality: 19390.
Alaska, Russian Mission (C-1) 1:63360 quadrangle.
Cut-bank on Kuskokwim River 4 to 6 miles W of Komakof. Elevation 200ft (61m).
Latitude: 61° 35.50' N; Longitude: 159° 4.00' W;
Township: 17N; Range: 54W; Section: 9; NE quarter;
Collector: R. Wallace, 1944. Field Identifier: 44AW82-89.

Map Locality Number: 103; USGS Mesozoic Locality: 19391.
Alaska, Russian Mission (C-1) 1:63360 quadrangle.
N bank of Kuskokwim River about 6 miles W of Kolmakof. Elevation 150ft (46m).
Latitude: 61° 35.00' N; Longitude: 159° 0.00' W;
Township: 17N; Range: 54W; Section: 8&9; E&W halves;
Collector: R. Wallace, 1944. Field Identifier: 44AW91-94.

Map Locality Number: 103; USGS Mesozoic Locality: 19392.
Alaska, Russian Mission (C-1) 1:63360 quadrangle.
N bank of Kuskokwim River about 6 miles W of Kolmakof. Elevation 150ft (46m).
Latitude: 61° 34.80' N; Longitude: 159° 7.00' W;
Township: 17N; Range: 54W; Section: 7&8; N half;
Collector: R. Wallace, 1944. Field Identifier: 44AW107-109.

Map Locality Number: 103; USGS Mesozoic Locality: M7760.
Alaska, Russian Mission (C-1) 1:63360 quadrangle.
Cutbank on N shore of Kuskokwim river at mouth of small tributary. Elevation 100ft (30m).
Latitude: 61° 35.20' N; Longitude: 159° 2.80' W;
Township: 17N; Range: 54W; Section: 3; SW quarter;
Collector: Wes Wallace, 1982. Field Identifier: 82BB80.

Map Locality Number: 104; USGS Mesozoic Locality: M8360.
Alaska, Iditarod (A-6) 1:63360 quadrangle.
Steep slope 1/4 mile north of Mosquito Mountain. Elevation 2000ft (610m).
Latitude: 62° 5.25' N; Longitude: 158° 54.00' W;
Township: 23N; Range: 53W; Section: 13; NE quarter;
Collector: Tom Bundtzen, 1986. Field Identifier: 86BT121.

Map Locality Number: 105; USGS Mesozoic Locality: M7758.
Alaska, Sleetmute (D-6) 1:63360 quadrangle.
Kuskokwim River cutbank at E end of Oguohaydock Ridge. Elevation 200ft (61m).
Latitude: 61° 50.00' N; Longitude: 158° 7.00' W;
Township: 20N; Range: 49W; Section: 11; SW quarter;
Collector: Wes Wallace, 1982. Field Identifier: 82BB60.

Map Locality Number: 106; USGS Mesozoic Locality: M7438.
Alaska, Sleetmute (D-5) 1:63360 quadrangle.
NW of mouth of California Creek at Kuskokwim River. Elevation 200ft (61m).
Latitude: 61° 53.00' N; Longitude: 157° 39.00' W;
Township: 21N; Range: 26W; Section: 26; SE/NE quarter;
Collector: John Decker, 1980. Field Identifier: 80AJD106.

Map Locality Number: 107; USGS Mesozoic Locality: 18866.
Alaska, Sleetmute (D-5) 1:63360 quadrangle.
Kuskokwim River 4 miles SE of mouth of George River. Elevation 200ft (61m).
Latitude: 61° 53.30' N; Longitude: 157° 38.10' W;
Township: 20N; Range: 46W; Section: 4; NW quarter;
Collector: W. M. Cady, 1942. Field Identifier: 42ACa42.

Map Locality Number: 108; USGS Mesozoic Locality: 18646.
Alaska, Sleetmute (D-4) 1:63360 quadrangle.
NE side of spur between Cribby Creek and Kuskokwim River. Elevation 850ft (259m).
Latitude: 61° 48.50' N; Longitude: 157° 19.00' W;
Township: 20N; Range: 44W; Section: 19; SW quarter;
Collector: W. M. Cady, 1941. Field Identifier: 41Aca125.

Map Locality Number: 109; USGS Mesozoic Locality: 9222.
Alaska, Sleetmute (D-4) 1:63360 quadrangle.
Ridge west of head of George River. Elevation 1500ft (457m).
Latitude: 61° 48.80' N; Longitude: 157° 10.00' W;
Township: 20N; Range: 44W; Section: 24; NW/NE quarter;
Collector: P. S. Smith, 1914. Field Identifier: 14AS134.

Map Locality Number: 109; USGS Mesozoic Locality: 9223.
Alaska, Sleetmute (D-4) 1:63360 quadrangle.
Ridge west of head of George River. Elevation 1500ft (457m).
Latitude: 61° 48.80' N; Longitude: 157° 10.00' W;
Township: 20N; Range: 44W; Section: 24; NW/NE quarter;
Collector: P. S. Smith, 1914. Field Identifier: 14AS135.

Map Locality Number: 109; USGS Mesozoic Locality: 9224.
Alaska, Sleetmute (D-4) 1:63360 quadrangle.
Ridge west of head of George River. Elevation 1500ft (457m).
Latitude: 61° 48.80' N; Longitude: 157° 10.00' W;
Township: 20N; Range: 44W; Section: 24; NW/NE quarter;
Collector: P. S. Smith, 1914. Field Identifier: 14AS136.

Map Locality Number: 109; USGS Mesozoic Locality: 9225.
Alaska, Sleetmute (D-4) 1:63360 quadrangle.
Ridge west of head of George River. Elevation 1500ft (457m).
Latitude: 61° 48.80' N; Longitude: 157° 10.00' W;
Township: 20N; Range: 44W; Section: 24; NW/NE quarter;
Collector: P. S. Smith, 1914. Field Identifier: 14AS136.

Map Locality Number: 110; USGS Mesozoic Locality: M8515.
Alaska, Russian Mission (C-8) 1:63360 quadrangle.
Bluff 3 miles downstream from Ohogamut on Yukon River. Elevation 50ft (15m).
Latitude: 61° 35.60' N; Longitude: 161° 55.70' W;
Township: 17N; Range: 70W; Section: 2; Mid-west line;
Collector: W. W. Patton, 1987. Field Identifier: 87APa142.

Map Locality Number: 110; USGS Mesozoic Locality: M8517.
Alaska, Russian Mission (C-8) 1:63360 quadrangle.
River cut 2 miles downstream from Ohogamut. Elevation 50ft (15m).
Latitude: 61° 31.10' N; Longitude: 161° 54.83' W;
Township: 17N; Range: 70W; Section: 11; NW/NE quarter;
Collector: W. W. Patton, 1987. Field Identifier: 87APa146.

Map Locality Number: 111; USGS Mesozoic Locality: M8516.
Alaska, Russian Mission (C-8) 1:63360 quadrangle.
Bluff NE of Bluefish Island, Yukon River. Elevation 50ft (15m).
Latitude: 61° 37.35' N; Longitude: 161° 56.35' W;
Township: 18N; Range: 70W; Section: 22; NE/NE quarter;
Collector: W. W. Patton, 1987. Field Identifier: 87APa143.

Map Locality Number: 112; USGS Mesozoic Locality: M7440.
Alaska, Russian Mission (C-8) 1:63360 quadrangle.
East bank of Yukon River. Elevation 50ft (15m).
Latitude: 61° 38.00' N; Longitude: 161° 57.00' W;
Township: 18N; Range: 70W; Section: 22; NW quarter;
Collector: John Decker, 1980. Field Identifier: 80AJD129.

Map Locality Number: 112; USGS Mesozoic Locality: M7441.
Alaska, Russian Mission (C-8) 1:63360 quadrangle.
East bank of Yukon River. Elevation 50ft (15m).
Latitude: 61° 39.00' N; Longitude: 161° 57.00' W;
Township: 18N; Range: 70W; Section: 14; Mid-west line;
Collector: John Decker, 1980. Field Identifier: 80AJD130.

Map Locality Number: 112; USGS Mesozoic Locality: M7442.
Alaska, Russian Mission (C-8) 1:63360 quadrangle.
East bank of Yukon River. Elevation 50ft (15m).
Latitude: 61° 37.00' N; Longitude: 161° 57.00' W;
Township: 18N; Range: 70W; Section: 27; SE quarter;
Collector: John Decker, 1980. Field Identifier: 80AJD133.

Map Locality Number: 113; USGS Mesozoic Locality: M6376.
Alaska, Holy Cross (A-5) 1:63360 quadrangle.
Top of hill about 5.5 miles N10W of Stuyohok mine camp. Elevation 1495ft (456m).
Latitude: 62° 14.50' N; Longitude: 161° 2.40' W;
Township: 25N; Range: 64W; Section: 24; NE quarter;
Collector: J. Hoare, 1974. Field Identifier: 74D-581.

Map Locality Number: 114; USGS Mesozoic Locality: M8320.
Alaska, Iditarod (B-5) 1:63360 quadrangle.
Hill north of Fairbanks Creek. Elevation 700ft (213m).
Latitude: 62° 24.90' N; Longitude: 158° 16.36' W;
Township: 27N; Range: 49W; Section: 24; SE quarter;
Collector: Marti Miller, 1985. Field Identifier: 85AM171.

Map Locality Number: 115; USGS Mesozoic Locality: M8541.
Alaska, Iditarod (B-4) 1:63360 quadrangle.
Bonanza Creek. Elevation 1000ft (305m).
Latitude: 62° 25.60' N; Longitude: 157° 29.33' W;
Township: 27N; Range: 45W; Section: 17; South line;
Collector: Tom Bundtzen, 1984. Field Identifier: 84TB17.

Map Locality Number: 116; USGS Mesozoic Locality: M8542.
Alaska, Iditarod (B-4) 1:63360 quadrangle.
Knob south of Bonanza Creek. Elevation 1500ft (457m).
Latitude: 62° 22.83' N; Longitude: 157° 39.17' W;
Township: 27N; Range: 45W; Section: 32; SE quarter;
Collector: Linda Angeloni, 1984. Field Identifier: 84AAi591.

Map Locality Number: 117; USGS Mesozoic Locality: M8356.
Alaska, Iditarod (B-4) 1:63360 quadrangle.
Ridge at head of Moose Creek. Elevation 1000ft (305m).
Latitude: 62° 19.60' N; Longitude: 157° 36.60' W;
Township: 26N; Range: 45W; Section: 22; SW quarter;
Collector: Marti Miller, 1986. Field Identifier: 83AGe63.

Map Locality Number: 118; USGS Mesozoic Locality: M8355.
Alaska, Iditarod (B-2) 1:63360 quadrangle.
South side of Granite Mountain. Elevation 1400ft (427m).
Latitude: 62° 17.20' N; Longitude: 156° 43.60' W;
Township: 25N; Range: 40W; Section: 5; N half;
Collector: Marti Miller, 1986. Field Identifier: 83AMc22A.

Map Locality Number: 119; USGS Mesozoic Locality: M7616.
Alaska, Iditarod (B-1) 1:63360 quadrangle.
West bank of Kuskokwim River. Elevation 300ft (91m).
Latitude: 62° 20.90' N; Longitude: 156° 9.90' W;
Township: 26N; Range: 37W; Section: 17; SE/SE quarter;
Collector: Donald W. Podson, 1982. Field Identifier: 50-3.

Map Locality Number: 119; USGS Mesozoic Locality: M7617.
Alaska, Iditarod (B-1) 1:63360 quadrangle.
West bank of Kuskokwim River. Elevation 300ft (91m).
Latitude: 62° 20.30' N; Longitude: 156° 10.00' W;
Township: 26N; Range: 37W; Section: 17; SE/SW quarter;
Collector: Donald W. Podson, 1982. Field Identifier: 51-2.

Map Locality Number: 120; USGS Mesozoic Locality: M7618.
Alaska, Iditarod (B-1) 1:63360 quadrangle.
West bank of Kuskokwim River. Elevation 300ft (91m).
Latitude: 62° 18.40' N; Longitude: 156° 12.30' W;
Township: 26N; Range: 37W; Section: 31; NE/NW quarter;
Collector: Donald W. Podson, 1982. Field Identifier: 52-1.

Map Locality Number: 121; USGS Mesozoic Locality: M7613.
Alaska, McGrath (A-5) 1:63360 quadrangle.
Ridge east of Tatlawishuk River. Elevation 1600ft (488m).
Latitude: 62° 4.75' N; Longitude: 155° 30.00' W;
Township: 23N; Range: 34W; Section: 15; SW/SW quarter;
Collector: Donald W. Podson, 1982. Field Identifier: 30-3.

Map Locality Number: 121; USGS Mesozoic Locality: M7614.
Alaska, McGrath (A-5) 1:63360 quadrangle.
Ridge east of Tatlawishuk River. Elevation 1600ft (488m).
Latitude: 62° 4.75' N; Longitude: 155° 30.00' W;
Township: 23N; Range: 34W; Section: 15; SW/SW quarter;
Collector: Donald W. Podson, 1982. Field Identifier: 30-4.

Map Locality Number: 121; USGS Mesozoic Locality: M7615.
Alaska, McGrath (A-5) 1:63360 quadrangle.
Ridge east of Tatlawishuk River. Elevation 1600ft (488m).
Latitude: 62° 4.75' N; Longitude: 155° 30.00' W;
Township: 23N; Range: 34W; Section: 15; SW/SW quarter;
Collector: Donald W. Podson, 1982. Field Identifier: 30-6.

Map Locality Number: 122; USGS Mesozoic Locality: M7753.
Alaska, McGrath (A-2) 1:63360 quadrangle.
Terra Cotta Mountains. Elevation 2800ft (854m).
Latitude: 62° 1.00' N; Longitude: 153° 31.25' W;
Township: 22N; Range: 23W; Section: 17; NW quarter;
Collector: Tom Bundtzen, 1982. Field Identifier: 82MSL61.

Map Locality Number: 123; USGS Mesozoic Locality: M8549.
Alaska, McGrath (B-1) 1:63360 quadrangle.
Head of tributary stream of Earl River. Elevation 3000ft (915m).
Latitude: 62° 19.00' N; Longitude: 153° 1.00' W;
Township: 26N; Range: 20W; Section: 29; NE quarter;
Collector: Wyatt Gilbert, 1984. Field Identifier: 84WG46.

Map Locality Number: 124; USGS Mesozoic Locality: M8550.
Alaska, McGrath (B-1) 1:63360 quadrangle.
Ridge south of Tatina River. Elevation 5000ft (1524m).
Latitude: 62° 18.00' N; Longitude: 153° 11.50' W;
Township: 26N; Range: 21W; Section: 32; Mid-east line;
Collector: Tom Bundtzen, 1984. Field Identifier: 84BT136.

Map Locality Number: 125; USGS Mesozoic Locality: M7844.
Alaska, McGrath (B-1) 1:63360 quadrangle.
South of Tatina River. Elevation 3000ft (915m).
Latitude: 62° 19.00' N; Longitude: 153° 11.00' W;
Township: 26N; Range: 21W; Section: 28; NW quarter;
Collector: Tom Bundtzen, 1983. Field Identifier: 83 BT 179.

Map Locality Number: 126; USGS Mesozoic Locality: M7843.
Alaska, McGrath (B-1) 1:63360 quadrangle.
North of Tatina River. Elevation 3500ft (1067m).
Latitude: 62° 21.50' N; Longitude: 153° 12.00' W;
Township: 26N; Range: 21W; Section: 8; E half;
Collector: Tom Bundtzen, 1983. Field Identifier: 83MSL72.

Map Locality Number: 127; USGS Mesozoic Locality: M8547.
Alaska, McGrath (B-1) 1:63360 quadrangle.
Head of tributary of Tatina River. Elevation 4200ft (1280m).
Latitude: 62° 23.50' N; Longitude: 153° 13.00' W;
Township: 27N; Range: 20W; Section: 32; NE quarter;
Collector: Tom Bundtzen, 1984. Field Identifier: 84BT116.

Map Locality Number: 128; USGS Mesozoic Locality: M7842.
Alaska, Iditarod (C-3) 1:63360 quadrangle.
Hill south of Camelback Mountain. Elevation 1630ft (497m).
Latitude: 62° 31.50' N; Longitude: 157° 20.00' W;
Township: 29N; Range: 43W; Section: 7; SW quarter;
Collector: Tom Bundtzen, 1983. Field Identifier: 83BT59.

Map Locality Number: 129; USGS Mesozoic Locality: M7847.
Alaska, Iditarod (C-3) 1:63360 quadrangle.
NW of Bonanza Creek. Elevation 1700ft (518m).
Latitude: 62° 31.00' N; Longitude: 157° 29.50' W;
Township: 28N; Range: 44W; Section: 18; Center E half;
Collector: Tom Bundtzen, 1983. Field Identifier: 83MSL251.

Map Locality Number: 130; USGS Mesozoic Locality: M7846.
Alaska, Iditarod (C-3) 1:63360 quadrangle.
Summer trail north of Camelback Mtn. Elevation 1600ft (488m).
Latitude: 62° 34.00' N; Longitude: 157° 22.00' W;
Township: 28N; Range: 44W; Section: 33; NE quarter;
Collector: Tom Bundtzen, 1983. Field Identifier: 83BT46.

Map Locality Number: 131; USGS Mesozoic Locality: M7848.
Alaska, Iditarod (C-3) 1:63360 quadrangle.
Hill east of Guggenheim Creek. Elevation 1700ft (518m).
Latitude: 62° 36.00' N; Longitude: 157° 20.00' W;
Township: 29N; Range: 44W; Section: 36; S half E line;
Collector: Tom Bundtzen, 1983. Field Identifier: 83GL61.

Map Locality Number: 132; USGS Mesozoic Locality: M7845.
Alaska, Iditarod (C-3) 1:63360 quadrangle.
Ridge E of Deadwood Creek, 2 ridges NE of St. Patrick Creek. Elevation 1400ft (427m).
Latitude: 62° 41.00' N; Longitude: 157° 15.00' W;
Township: 30N; Range: 43W; Section: 13; SW quarter;
Collector: Tom Bundtzen, 1983. Field Identifier: 83BT402.

Map Locality Number: 133; USGS Mesozoic Locality: M8359.
Alaska, Iditarod (C-4) 1:63360 quadrangle.
Ridge at head of North Fork of Otter Creek. Elevation 1400ft (427m).
Latitude: 62° 37.00' N; Longitude: 157° 37.60' W;
Township: 29N; Range: 54W; Section: 12; SE quarter;
Collector: Marti Miller, 1986. Field Identifier: 86AM336B.

Map Locality Number: 134; USGS Mesozoic Locality: M8322.
Alaska, Iditarod (C-4) 1:63360 quadrangle.
Ridge west of Moose Creek. Elevation 1000ft (305m).
Latitude: 62° 36.30' N; Longitude: 157° 52.60' W;
Township: 29N; Range: 46W; Section: 10; NE quarter;
Collector: Marti Miller, 1985. Field Identifier: 85AM324.

Map Locality Number: 135; USGS Mesozoic Locality: M8317.
Alaska, Iditarod (D-4) 1:63360 quadrangle.
Ridge northeast of head of First Chance Creek. Elevation 1800ft (549m).
Latitude: 62° 49.25' N; Longitude: 157° 35.83' W;
Township: 32N; Range: 44W; Section: 31; SW/SE quarter;
Collector: Marti Miller, 1985. Field Identifier: 85AM58.

Map Locality Number: 135; USGS Mesozoic Locality: M8318.
Alaska, Iditarod (D-4) 1:63360 quadrangle.
Ridge northeast of head of First Chance Creek. Elevation 1900ft (579m).
Latitude: 62° 49.66' N; Longitude: 157° 34.75' W;
Township: 32N; Range: 44W; Section: 32; NW quarter;
Collector: Marti Miller, 1985. Field Identifier: 85AM60.

Map Locality Number: 135; USGS Mesozoic Locality: M8319.
Alaska, Iditarod (D-4) 1:63360 quadrangle.
Ridge northeast of head of First Chance Creek. Elevation 1400ft (427m).
Latitude: 62° 49.10' N; Longitude: 157° 34.82' W;
Township: 32N; Range: 44W; Section: 32; SW quarter;
Collector: Marti Miller, 1985. Field Identifier: 85AM62.

Map Locality Number: 135; USGS Mesozoic Locality: M8323.
Alaska, Iditarod (D-4) 1:63360 quadrangle.
Ridge at head of First Chance Creek. Elevation 1800ft (549m).
Latitude: 62° 49.03' N; Longitude: 157° 36.00' W;
Township: 32N; Range: 44W; Section: 31; S half;
Collector: Linda Angeloni, 1985. Field Identifier: 85AAi.

Map Locality Number: 136; USGS Mesozoic Locality: M8357.
Alaska, Iditarod (D-3) 1:63360 quadrangle.
Windy Creek. Elevation 700ft (213m).
Latitude: 62° 53.20' N; Longitude: 157° 26.50' W;
Township: 32N; Range: 44W; Section: 1; SE quarter;
Collector: Marti Miller, 1986. Field Identifier: 86AM38A.

Map Locality Number: 136; USGS Mesozoic Locality: M8358.
Alaska, Iditarod (D-3) 1:63360 quadrangle.
Knob N of Windy Creek, W of Beaver Mountains. Elevation 1150ft (351m).
Latitude: 62° 54.60' N; Longitude: 157° 11.70' W;
Township: 33N; Range: 42W; Section: 35; NW quarter;
Collector: Marti Miller, 1986. Field Identifier: 86AM293B.

Map Locality Number: 137; USGS Mesozoic Locality: M7619.
Alaska, Iditarod (D-1) 1:63360 quadrangle.
North side of Takotna airstrip. Elevation 860ft (262m).
Latitude: 62° 59.67' N; Longitude: 156° 4.10' W;
Township: 34N; Range: 36W; Section: 34; SE/NE quarter;
Collector: Donald W. Podson, 1982. Field Identifier: 64-2.

Map Locality Number: 138; USGS Mesozoic Locality: M7752.
Alaska, McGrath (C-6) 1:63360 quadrangle.
East bank of Kuskokwim River. Elevation 200ft (61m).
Latitude: 62° 30.50' N; Longitude: 155° 55.67' W;
Township: 23N; Range: 36W; Section: 21; NW quarter;
Collector: Tom Bundtzen, 1977. Field Identifier: 77BT271.

Map Locality Number: 139; USGS Mesozoic Locality: M8543.
Alaska, McGrath (C-1) 1:63360 quadrangle.
North of Farewell Fault. Elevation 1900ft (579m).
Latitude: 62° 41.00' N; Longitude: 153° 14.00' W;
Township: 30N; Range: 21W; Section: 21; NW quarter;
Collector: J. T. Kline, 1984. Field Identifier: 84JTK17B.

Map Locality Number: 140; USGS Mesozoic Locality: M5048.
Alaska, Unalakleet (B-4) 1:63360 quadrangle.
N bank of Anvik River, upstream from Otter Creek. Elevation 600ft (183m).
Latitude: 63° 23.00' N; Longitude: 159° 36.00' W;
Township: 24S; Range: 10W; Section: 28; NE quarter;
Collector: W. W. Patton, 1966. Field Identifier: 66APa313.

Map Locality Number: 140; USGS Mesozoic Locality: M5049.
Alaska, Unalakleet (B-4) 1:63360 quadrangle.
N bank of Anvik River, upstream from Otter Creek. Elevation 600ft (183m).
Latitude: 63° 22.50' N; Longitude: 159° 38.00' W;
Township: 24S; Range: 10W; Section: 29; SW quarter;
Collector: W. W. Patton, 1966. Field Identifier: 66APa314.

Map Locality Number: 141; USGS Mesozoic Locality: M5051.
Alaska, Unalakleet (B-4) 1:63360 quadrangle.
North bank of Otter Creek. Elevation 600ft (183m).
Latitude: 63° 15.50' N; Longitude: 159° 47.00' W;
Township: 26S; Range: 11W; Section: 6; SW quarter;
Collector: W. W. Patton, 1966. Field Identifier: 66APa354.

Map Locality Number: 142; USGS Mesozoic Locality: M5053.
Alaska, Unalakleet (B-4) 1:63360 quadrangle.
NW bank of Anvik River, upstream from Otter Creek. Elevation 600ft (183m).
Latitude: 63° 18.00' N; Longitude: 159° 41.00' W;
Township: 25S; Range: 11W; Section: 27; Middle;
Collector: T. P. Miller, 1966. Field Identifier: 66AMm290.

Map Locality Number: 143; USGS Mesozoic Locality: M5050.
Alaska, Unalakleet (B-4) 1:63360 quadrangle.
W bank of Anvik River, upstream from Otter Creek. Elevation 600ft (183m).
Latitude: 63° 18.00' N; Longitude: 159° 41.00' W;
Township: 25S; Range: 11W; Section: 27; NE quarter;
Collector: W. W. Patton, 1966. Field Identifier: 66APa316.

Map Locality Number: 143; USGS Mesozoic Locality: M5052.
Alaska, Unalakleet (B-4) 1:63360 quadrangle.
W bank of Anvik River, upstream from Otter Creek. Elevation 600ft (183m).
Latitude: 63° 21.00' N; Longitude: 159° 39.00' W;
Township: 25S; Range: 10W; Section: 11; NW quarter;
Collector: T. P. Miller, 1966. Field Identifier: 66AMm279.

Map Locality Number: 144; USGS Mesozoic Locality: M6542.
Alaska, Medfra (B-6) 1:63360 quadrangle.
1km S of hill 1625, on upper Ivy Creek drainage. Elevation 1400ft (427m).
Latitude: 63° 15.00' N; Longitude: 155° 53.00' W;
Township: 26S; Range: 16E; Section: 6; N half;
Collector: W. W. Patton, 1975. Field Identifier: 75APa135.

Map Locality Number: 145; USGS Mesozoic Locality: M6541.
Alaska, Medfra (B-6) 1:63360 quadrangle.
1.3km WSW from hill 1446, between Ivy Creek & Folger Creek. Elevation 1300ft (396m).
Latitude: 63° 16.00' N; Longitude: 155° 57.00' W;
Township: 26S; Range: 15E; Section: 2; Central section;
Collector: W. W. Patton, 1975. Field Identifier: 75APa134.

Map Locality Number: 146; USGS Mesozoic Locality: M6543.
Alaska, Medfra (B-6) 1:63360 quadrangle.
SW-trending spur 1.6km SW of elev. sta. 2745. Elevation 1800ft (549m).
Latitude: 63° 17.00' N; Longitude: 155° 53.00' W;
Township: 25S; Range: 16E; Section: 31; N half;
Collector: W. W. Patton, 1975. Field Identifier: 75APa138.

Map Locality Number: 147; USGS Mesozoic Locality: M6553.
Alaska, Medfra (B-6) 1:63360 quadrangle.
Low ridge 7.2 km. SW of high point on Page Mountain. Elevation 1000ft (305m).
Latitude: 63° 18.00' N; Longitude: 155° 38.00' W;
Township: 25S; Range: 17E; Section: 21; SW quarter;
Collector: W. W. Patton, 1975. Field Identifier: 75APa130.

Map Locality Number: 148; USGS Mesozoic Locality: M6593.
Alaska, Medfra (B-6) 1:63360 quadrangle.
Rubble ridge ca. 7km SSE of Page Mtn. Elevation 1300ft (396m).
Latitude: 63° 18.00' N; Longitude: 155° 32.00' W;
Township: 26S; Range: 17E; Section: 24;
Collector: W. W. Patton, 1976. Field Identifier: 76APa87.

Map Locality Number: 149; USGS Mesozoic Locality: M6537.
Alaska, Medfra (B-6) 1:63360 quadrangle.
Fossil Mountain. W on ridge from VABM Fossil. Elevation 2500ft (762m).
Latitude: 63° 23.00' N; Longitude: 155° 54.00' W;
Township: 24S; Range: 15E; Section: 26; NE quarter;
Collector: W. W. Patton, 1975. Field Identifier: 75APa30.

Map Locality Number: 149; USGS Mesozoic Locality: M6538.
Alaska, Medfra (B-6) 1:63360 quadrangle.
Spur trending NW from Fossil Mountain. Elevation 2100ft (640m).
Latitude: 63° 23.00' N; Longitude: 155° 55.00' W;
Township: 24S; Range: 15E; Section: 26; NW quarter;
Collector: W. W. Patton, 1975. Field Identifier: 75APa31.

Map Locality Number: 150; USGS Mesozoic Locality: M6539.
Alaska, Medfra (B-6) 1:63360 quadrangle.
Rubble and talus near top of hill 2415. Elevation 2300ft (701m).
Latitude: 63° 27.00' N; Longitude: 155° 39.00' W;
Township: 23S; Range: 17E; Section: 31; N half;
Collector: W. W. Patton, 1975. Field Identifier: 75APa41.

Map Locality Number: 150; USGS Mesozoic Locality: M6540.
Alaska, Medfra (B-6) 1:63360 quadrangle.
Rubble atop ridge 1.1km NE of hill 2415. Elevation 2000ft (610m).
Latitude: 63° 28.00' N; Longitude: 155° 38.00' W;
Township: 23S; Range: 17E; Section: 29; SW quarter;
Collector: W. W. Patton, 1975. Field Identifier: 75APa46.

Map Locality Number: 151; USGS Mesozoic Locality: M6591.
Alaska, Medfra (B-6) 1:63360 quadrangle.
Rubble covered ridge 1.4km E of junction of Butte & Folger Crs. Elevation 1400ft (427m).
Latitude: 63° 28.00' N; Longitude: 155° 55.00' W;
Township: 23S; Range: 15E; Section: 26;
Collector: W. W. Patton, 1976. Field Identifier: 76APa153.

Map Locality Number: 151; USGS Mesozoic Locality: M7026.
Alaska, Medfra (B-6) 1:63360 quadrangle.
Unnamed hill about 5.7 miles N-NE of Fossil Mountain. Elevation 1500ft (457m).
Latitude: 63° 28.00' N; Longitude: 155° 52.00' W;
Township: 23S; Range: 16E; Section: 30;
Collector: W. W. Patton, 1977. Field Identifier: 77APa49.

Map Locality Number: 152; USGS Mesozoic Locality: 26231.
Alaska, Unalakleet (C-4) 1:63360 quadrangle.
Seacliff at Poker Creek. Elevation 0ft (0m).
Latitude: 63° 38.20' N; Longitude: 160° 55.10' W;
Township: 21S; Range: 12W; Section: 24; SW quarter;
Collector: W. W. Patton, 1956. Field Identifier: 56APa9.

Map Locality Number: 152; USGS Mesozoic Locality: 26232.
Alaska, Unalakleet (C-4) 1:63360 quadrangle.
Seacliff north of Poker Creek. Elevation 0ft (0m).
Latitude: 63° 38.90' N; Longitude: 160° 54.60' W;
Township: 21S; Range: 12W; Section: 24; SW quarter;
Collector: W. W. Patton, 1956. Field Identifier: 56APa10.

Map Locality Number: 153; USGS Mesozoic Locality: 26233.
Alaska, Unalakleet (C-4) 1:63360 quadrangle.
Ridge north of Spruce Creek. Elevation 200ft (61m).
Latitude: 63° 39.60' N; Longitude: 160° 51.10' W;
Township: 21S; Range: 11W; Section: 17; SW quarter;
Collector: W. W. Patton, 1956. Field Identifier: 56APa13.

Map Locality Number: 154; USGS Mesozoic Locality: M1781.
Alaska, Unalakleet (C-3) 1:63360 quadrangle.
Chiroskey River. Elevation 600ft (183m).
Latitude: 63° 41.02' N; Longitude: 160° 26.10' W;
Township: 21S; Range: 9W; Section: 5; NW quarter;
Collector: Munroe, 1962. Field Identifier: 62AMu10a.

Map Locality Number: 154; USGS Mesozoic Locality: M1782.
Alaska, Unalakleet (C-3) 1:63360 quadrangle.
Chiroskey River. Elevation 600ft (183m).
Latitude: 63° 41.03' N; Longitude: 160° 26.70' W;
Township: 21S; Range: 9W; Section: 5; NW quarter;
Collector: Munroe, 1962. Field Identifier: 62AMu10b.

Map Locality Number: 155; USGS Mesozoic Locality: M546.
Alaska, Unalakleet (D-4) 1:63360 quadrangle.
Unalakleet River. Elevation 100ft (30m).
Latitude: 63° 53.00' N; Longitude: 160° 31.80' W;
Township: 19S; Range: 10W; Section: 1; SE quarter;
Collector: Irv Tailleir, 1958. Field Identifier: 58ATr28.

Map Locality Number: 155; USGS Mesozoic Locality: M546(b).
Alaska, Unalakleet (D-4) 1:63360 quadrangle.
Unalakleet River. Elevation 100ft (30m).
Latitude: 63° 53.00' N; Longitude: 160° 31.80' W;
Township: 19S; Range: 10W; Section: 1; SE quarter;
Collector: Irv Tailleir, 1958. Field Identifier: 58ATr28b.

Map Locality Number: 156; USGS Mesozoic Locality: M1779.
Alaska, Unalakleet (C-3) 1:63360 quadrangle.
At sharp bend of upper Anvik River. Elevation 1100ft (335m).
Latitude: 63° 35.02' N; Longitude: 160° 9.30' W;
Township: 21S; Range: 8W; Section: 14; NE quarter;
Collector: A. R. Tagg, 1962. Field Identifier: 62ATg85.

Map Locality Number: 157; USGS Mesozoic Locality: M8336.
Alaska, Unalakleet (D-3) 1:63360 quadrangle.
Chiroskey River. Elevation 1000ft (305m).
Latitude: 63° 50.00' N; Longitude: 160° 7.00' W;
Township: 19S; Range: 7W; Section: 19; NE quarter;
Collector: W. W. Patton, 1985. Field Identifier: 85APa213.

Map Locality Number: 158; USGS Mesozoic Locality: M548.
Alaska, Unalakleet (D-2) 1:63360 quadrangle.
Old Woman Creek. Elevation 400ft (122m).
Latitude: 63° 51.10' N; Longitude: 159° 49.60' W;
Township: 19S; Range: 6W; Section: 15; NE quarter;
Collector: Irv Tailleir, 1958. Field Identifier: 58ATr57.

Map Locality Number: 159; USGS Mesozoic Locality: M549.
Alaska, Unalakleet (D-2) 1:63360 quadrangle.
Ridge west of Old Woman Creek. Elevation 1800ft (549m).
Latitude: 63° 54.50' N; Longitude: 159° 52.80' W;
Township: 18S; Range: 6W; Section: 7; SE quarter;
Collector: Irv Tailleir, 1958. Field Identifier: 58ATr63.

Map Locality Number: 160; USGS Mesozoic Locality: M547.
Alaska, Unalakleet (D-2) 1:63360 quadrangle.
Ridge east of Old Woman Creek. Elevation 1400ft (427m).
Latitude: 63° 56.80' N; Longitude: 159° 43.70' W;
Township: 18S; Range: 5W; Section: 9; NE quarter;
Collector: Irv Tailleir, 1958. Field Identifier: 58ATr55.

Map Locality Number: 161; USGS Mesozoic Locality: M6535.
Alaska, Medfra (C-4) 1:63360 quadrangle.
West side of Meadow Creek 1.5 miles below mouth of Fire Creek. Elevation 700ft (213m).
Latitude: 63° 44.00' N; Longitude: 154° 44.00' W;
Township: 20S; Range: 21E; Section: 27; SE quarter;
Collector: W. W. Patton, 1975. Field Identifier: 75APa24.

Map Locality Number: 162; USGS Mesozoic Locality: M6533.
Alaska, Medfra (C-4) 1:63360 quadrangle.
Talus slope & cut-bank along S side of tributary of Meadow Creek. Elevation 900ft (274m).
Latitude: 63° 40.00' N; Longitude: 154° 32.00' W;
Township: 21S; Range: 22E; Section: 24; N half;
Collector: W. W. Patton, 1975. Field Identifier: 75APa66.

Map Locality Number: 162; USGS Mesozoic Locality: M6534.
Alaska, Medfra (C-4) 1:63360 quadrangle.
Talus slope on W side of a small tributary at Meadow Creek. Elevation 1000ft (305m).
Latitude: 63° 40.00' N; Longitude: 154° 32.00' W;
Township: 21S; Range: 22E; Section: 13; S half;
Collector: W. W. Patton, 1975. Field Identifier: 75APa68.

Map Locality Number: 163; USGS Mesozoic Locality: M6524.
Alaska, Medfra (C-3) 1:63360 quadrangle.
North-facing talus slope on hill 2745. Elevation 2600ft (793m).
Latitude: 63° 36.00' N; Longitude: 154° 11.00' W;
Township: 22S; Range: 24E; Section: 11; NW quarter;
Collector: W. W. Patton, 1975. Field Identifier: 75ACh6A.

Map Locality Number: 163; USGS Mesozoic Locality: M6525.
Alaska, Medfra (C-3) 1:63360 quadrangle.
Head of small tributary of White Mountain Creek. Elevation 2300ft (701m).
Latitude: 63° 26.00' N; Longitude: 154° 11.00' W;
Township: 22S; Range: 24E; Section: 11; NW quarter;
Collector: W. W. Patton, 1975. Field Identifier: 75ACh6B&C.

Map Locality Number: 163; USGS Mesozoic Locality: M6526.
Alaska, Medfra (C-3) 1:63360 quadrangle.
Talus slope on east-trending spur. Elevation 2600ft (793m).
Latitude: 63° 36.00' N; Longitude: 154° 9.00' W;
Township: 22S; Range: 24E; Section: 12; S half;
Collector: W. W. Patton, 1975. Field Identifier: 75ACh8D.

Map Locality Number: 163; USGS Mesozoic Locality: M6527.
Alaska, Medfra (C-3) 1:63360 quadrangle.
E-W ridge of 2600-2700ft in White Mountain Creek drainage. Elevation 2600ft (793m).
Latitude: 63° 36.00' N; Longitude: 154° 11.00' W;
Township: 22S; Range: 24E; Section: 11; N half;
Collector: W. W. Patton, 1975. Field Identifier: 75APa92.

Map Locality Number: 163; USGS Mesozoic Locality: M6528.
Alaska, Medfra (C-3) 1:63360 quadrangle.
E-W ridge of 2600-2700ft in White Mountain Creek drainage. Elevation 2600ft (793m).
Latitude: 63° 36.00' N; Longitude: 154° 11.00' W;
Township: 22S; Range: 24E; Section: 11; N half;
Collector: W. W. Patton, 1975. Field Identifier: 75ACh8E.

Map Locality Number: 163; USGS Mesozoic Locality: M6529.
Alaska, Medfra (C-3) 1:63360 quadrangle.
North-facing talus slope in drainage of White Mountain Creek. Elevation 2600ft (793m).
Latitude: 63° 36.00' N; Longitude: 154° 9.00' W;
Township: 22S; Range: 24E; Section: 12; SE quarter;
Collector: W. W. Patton, 1975. Field Identifier: 75APa86.

Map Locality Number: 163; USGS Mesozoic Locality: M6530.
Alaska, Medfra (C-3) 1:63360 quadrangle.
Talus slope on east-trending spur. Elevation 2600ft (793m).
Latitude: 63° 36.00' N; Longitude: 154° 9.00' W;
Township: 22S; Range: 24E; Section: 12; S half;
Collector: W. W. Patton, 1975. Field Identifier: 75APa58C.

Map Locality Number: 163; USGS Mesozoic Locality: M6531.
Alaska, Medfra (C-3) 1:63360 quadrangle.
Talus slope on east-trending spur. Elevation 2600ft (793m).
Latitude: 63° 36.00' N; Longitude: 154° 9.00' W;
Township: 22S; Range: 24E; Section: 12; S half;
Collector: W. W. Patton, 1975. Field Identifier: 75APa73E.

Map Locality Number: 163; USGS Mesozoic Locality: M6532.
Alaska, Medfra (C-3) 1:63360 quadrangle.
Rubble along spur trending N from hill 3610. Elevation 2300ft (701m).
Latitude: 63° 36.00' N; Longitude: 154° 13.00' W;
Township: 22S; Range: 24E; Section: 3; W half;
Collector: W. W. Patton, 1975. Field Identifier: 75APa128.

Map Locality Number: 163; USGS Mesozoic Locality: M7234.
Alaska, Medfra (C-3) 1:63360 quadrangle.
Talus on a spur trending N from hill 2727. Elevation 2500ft (762m).
Latitude: 63° 36.00' N; Longitude: 154° 11.00' W;
Township: 22S; Range: 24E; Section: 11; SW quarter;
Collector: W. W. Patton, 1979. Field Identifier: 78APa136.

Map Locality Number: 163; USGS Mesozoic Locality: M7235.
Alaska, Medfra (C-3) 1:63360 quadrangle.
Rubble in saddle 0.8km N of hill 2727. Elevation 2400ft (732m).
Latitude: 63° 36.00' N; Longitude: 154° 11.00' W;
Township: 22S; Range: 24E; Section: 11; NW quarter;
Collector: W. W. Patton, 1979. Field Identifier: 78APa79.

Map Locality Number: 164; USGS Mesozoic Locality: M1173.
Alaska, Marshall (D-3) 1:63360 quadrangle.
Yukon River. North of Hills Slough. Elevation 25ft (8m).
Latitude: 61° 56.00' N; Longitude: 162° 58.50' W;
Township: 21N; Range: 75W; Section: 2; SE/SE quarter;
Collector: J. Hoare, 1961. Field Identifier: 61AHR62.

Map Locality Number: 164; USGS Mesozoic Locality: M7443.
Alaska, Marshall (D-3) 1:63360 quadrangle.
Yukon River, east end of Hills Slough, north bank. Elevation 50ft (15m).
Latitude: 61° 56.00' N; Longitude: 162° 56.00' W;
Township: 21N; Range: 75W; Section: 12; NE quarter;
Collector: John Decker, 1980. Field Identifier: 80AJD137.

Map Locality Number: 165; USGS Mesozoic Locality: M1175.
Alaska, Kwiguk (A-3) 1:63360 quadrangle.
Andreafsky River, 2 miles downstream from St. Mary's Mission. Elevation 200ft (61m).
Latitude: 62° 2.00' N; Longitude: 163° 16.00' W;
Township: 23N; Range: 76W; Section: 26; NW quarter;
Collector: J. Hoare, 1961. Field Identifier: 61AHR271.

Map Locality Number: 165; USGS Mesozoic Locality: M1176.
Alaska, Kwiguk (A-3) 1:63360 quadrangle.
Yukon River north of Pitkus Point. Elevation 200ft (61m).
Latitude: 62° 2.00' N; Longitude: 163° 16.00' W;
Township: 23W; Range: 76W; Section: 26; NW quarter;
Collector: J. Hoare, 1961. Field Identifier: 61AHR272.

Map Locality Number: 166; USGS Mesozoic Locality: M7444.
Alaska, Kwiguk (A-3) 1:63360 quadrangle.
Mouth of Andreafsky River. Elevation 400ft (122m).
Latitude: 62° 2.00' N; Longitude: 163° 13.00' W;
Township: 22N; Range: 76W; Section: 5; NW quarter;
Collector: John Decker, 1980. Field Identifier: 80AJD138.

Map Locality Number: 167; USGS Mesozoic Locality: M1178.
Alaska, Kwiguk (B-1) 1:63360 quadrangle.
Cutbank on N bank of East Fork of Andreafsky River. Elevation 100ft (30m).
Latitude: 62° 13.00' N; Longitude: 162° 42.50' W;
Township: 25N; Range: 73W; Section: 31; NW quarter;
Collector: J. Hoare, 1961. Field Identifier: 61AHR302.

Map Locality Number: 168; USGS Mesozoic Locality: M1177.
Alaska, Kwiguk (B-1) 1:63360 quadrangle.
Cutbank on N bank of East Fork of Andreafsky River. Elevation 200ft (61m).
Latitude: 62° 26.00' N; Longitude: 162° 26.00' W;
Township: 27N; Range: 69W; Section: 15; W half;
Collector: J. Hoare, 1961. Field Identifier: 61AHR196.

Map Locality Number: 169; USGS Mesozoic Locality: M1174.
Alaska, Kwiguk (C-1) 1:63360 quadrangle.
Cutbank on W side of East Fork of Andreafsky River. Elevation 300ft (91m).
Latitude: 62° 35.00' N; Longitude: 162° 9.00' W;
Township: 29N; Range: 68W; Section: 24; SW quarter;
Collector: J. Hoare, 1961. Field Identifier: 61AHR86B.

Map Locality Number: 170; USGS Mesozoic Locality: 2933.
Alaska, Norton Bay (A-1) 1:63360 quadrangle.
Stink Creek. Elevation 600ft (183m).
Latitude: 64° 1.00' N; Longitude: 159° 3.00' W;
Township: 17S; Range: 2W; Section: 21; NW quarter;
Collector: A. Hollick, 1903. Field Identifier: 03AH30.

Map Locality Number: 171; USGS Mesozoic Locality: 26245.
Alaska, Nulato (A-6) 1:63360 quadrangle.
South of Big Eightmile Island, Yukon River. Elevation 200ft (61m).
Latitude: 64° 4.20' N; Longitude: 158° 44.90' W;
Township: 16S; Range: 1E; Section: 30; SW quarter;
Collector: W. W. Patton, 1956. Field Identifier: 56APa163.

Map Locality Number: 171; USGS Mesozoic Locality: 26246.
Alaska, Nulato (A-6) 1:63360 quadrangle.
South of Big Eightmile Island, Yukon River. Elevation 200ft (61m).
Latitude: 64° 3.90' N; Longitude: 158° 44.90' W;
Township: 16S; Range: 1E; Section: 30; SW quarter;
Collector: W. W. Patton, 1956. Field Identifier: 56APa165.

Map Locality Number: 172; USGS Mesozoic Locality: 26244.
Alaska, Nulato (A-6) 1:63360 quadrangle.
South of Big Eightmile Island, Yukon River. Elevation 200ft (61m).
Latitude: 65° 5.20' N; Longitude: 158° 43.90' W;
Township: 16S; Range: 1E; Section: 19; SE quarter;
Collector: W. W. Patton, 1956. Field Identifier: 56APa155.

Map Locality Number: 173; USGS Mesozoic Locality: M7660.
Alaska, Unalakleet (D-2) 1:63360 quadrangle.
Ridge 2km south of Kaltag Portage. Elevation 2000ft (610m).
Latitude: 63° 14.00' N; Longitude: 159° 4.00' W;
Township: 14S; Range: 2W; Section: 33; SW quarter;
Collector: W. W. Patton, 1982. Field Identifier: 82APa8.

Map Locality Number: 174; USGS Mesozoic Locality: 4794.
Alaska, Nulato (B-6) 1:63360 quadrangle.
West bank of Yukon River at Kaltag. Elevation 200ft (61m).
Latitude: 64° 19.00' N; Longitude: 158° 43.50' W;
Township: 13S; Range: 1E; Section: 31; SE quarter;
Collector: W. W. Atkin, 1907. Field Identifier: 37.

Map Locality Number: 174; USGS Mesozoic Locality: 4795.
Alaska, Nulato (B-6) 1:63360 quadrangle.
West bank of Yukon River at Kaltag. Elevation 200ft (61m).
Latitude: 64° 19.00' N; Longitude: 158° 43.50' W;
Township: 13S; Range: 1E; Section: 31; SE quarter;
Collector: W. W. Atkin, 1907. Field Identifier: 39.

Map Locality Number: 175; USGS Mesozoic Locality: 25306.
Alaska, Nulato (B-6) 1:63360 quadrangle.
West bank of Yukon River at Four Mile Camp. Elevation 200ft (61m).
Latitude: 64° 22.60' N; Longitude: 158° 40.20' W;
Township: 13S; Range: 1E; Section: 9; NE quarter;
Collector: W. W. Patton, 1954. Field Identifier: 54APa242.

Map Locality Number: 175; USGS Mesozoic Locality: 4793.
Alaska, Nulato (B-6) 1:63360 quadrangle.
West bank of Yukon River at Four Mile Camp. Elevation 200ft (61m).
Latitude: 64° 22.60' N; Longitude: 158° 40.20' W;
Township: 13S; Range: 1E; Section: 9; NE quarter;
Collector: W. W. Atkin, 1907. Field Identifier: 34.

Map Locality Number: 176; USGS Mesozoic Locality: 25305.
Alaska, Nulato (B-5) 1:63360 quadrangle.
West bank of Yukon River opposite Halfway Island. Elevation 200ft (61m).
Latitude: 64° 28.80' N; Longitude: 158° 28.50' W;
Township: 12S; Range: 2E; Section: 4; NE quarter;
Collector: W. W. Patton, 1954. Field Identifier: 54APa240.

Map Locality Number: 176; USGS Mesozoic Locality: 2931.
Alaska, Nulato (B-5) 1:63360 quadrangle.
West bank of Yukon River opposite Halfway Island. Elevation 200ft (61m).
Latitude: 64° 28.80' N; Longitude: 158° 28.50' W;
Township: 12S; Range: 2E; Section: 4; NE quarter;
Collector: A. Hollick, 1903. Field Identifier: 03AH25a.

Map Locality Number: 177; USGS Mesozoic Locality: 25872.
Alaska, Norton Bay (B-1) 1:63360 quadrangle.
Ridge SE of South Fork Nulato River. Elevation 2400ft (732m).
Latitude: 64° 25.20' N; Longitude: 159° 5.00' W;
Township: 12S; Range: 2W; Section: 33; SW quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL47.

Map Locality Number: 178; USGS Mesozoic Locality: 25873.
Alaska, Norton Bay (B-1) 1:63360 quadrangle.
South Fork Nulato River. Elevation 1000ft (305m).
Latitude: 64° 25.80' N; Longitude: 159° 5.20' W;
Township: 12S; Range: 2W; Section: 21; SW quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL48.

Map Locality Number: 179; USGS Mesozoic Locality: 25871.
Alaska, Norton Bay (B-1) 1:63360 quadrangle.
South Fork Nulato River. Elevation 1000ft (305m).
Latitude: 64° 27.40' N; Longitude: 159° 4.50' W;
Township: 12S; Range: 2W; Section: 16; NW/NE quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL40.

Map Locality Number: 180; USGS Mesozoic Locality: 25877.
Alaska, Norton Bay (C-1) 1:63360 quadrangle.
Ridge SE of Kalasik Creek. Elevation 2400ft (732m).
Latitude: 64° 30.20' N; Longitude: 159° 13.50' W;
Township: 11S; Range: 3W; Section: 26; SW quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL57.

Map Locality Number: 181; USGS Mesozoic Locality: 25876.
Alaska, Norton Bay (C-1) 1:63360 quadrangle.
Ridge NW of Kalasik Creek. Elevation 2400ft (732m).
Latitude: 64° 30.70' N; Longitude: 159° 20.00' W;
Township: 11S; Range: 3W; Section: 30; NW quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL56.

Map Locality Number: 182; USGS Mesozoic Locality: 25878.
Alaska, Norton Bay (C-1) 1:63360 quadrangle.
Nulato River. Elevation 2600ft (793m).
Latitude: 64° 32.50' N; Longitude: 159° 26.80' W;
Township: 11S; Range: 4W; Section: 22; S half;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL59.

Map Locality Number: 183; USGS Mesozoic Locality: 25875.
Alaska, Norton Bay (C-1) 1:63360 quadrangle.
Nulato River. Elevation 2400ft (732m).
Latitude: 64° 32.40' N; Longitude: 159° 22.00' W;
Township: 11S; Range: 4W; Section: 13; NE quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL55.

Map Locality Number: 184; USGS Mesozoic Locality: 25874.
Alaska, Norton Bay (C-1) 1:63360 quadrangle.
Nulato River. Elevation 2000ft (610m).
Latitude: 64° 33.80' N; Longitude: 159° 15.00' W;
Township: 11S; Range: 3W; Section: 3; W half;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL53.

Map Locality Number: 184; USGS Mesozoic Locality: 25881.
Alaska, Norton Bay (C-1) 1:63360 quadrangle.
Ridge SE of Nulato River. Elevation 2400ft (732m).
Latitude: 64° 34.10' N; Longitude: 159° 14.20' W;
Township: 11S; Range: 3W; Section: 3; NE quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL83.

Map Locality Number: 184; USGS Mesozoic Locality: 25882.
Alaska, Norton Bay (C-1) 1:63360 quadrangle.
Nulato River. Elevation 1400ft (427m).
Latitude: 64° 36.30' N; Longitude: 159° 14.70' W;
Township: 10S; Range: 3W; Section: 22; SE quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL86.

Map Locality Number: 185; USGS Mesozoic Locality: 25880.
Alaska, Norton Bay (C-1) 1:63360 quadrangle.
Nulato River. Elevation 1800ft (549m).
Latitude: 64° 33.40' N; Longitude: 159° 22.10' W;
Township: 11S; Range: 4W; Section: 2; NE quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL78.

Map Locality Number: 186; USGS Mesozoic Locality: 25879.
Alaska, Norton Bay (C-2) 1:63360 quadrangle.
Nulato River. Elevation 1800ft (549m).
Latitude: 64° 33.20' N; Longitude: 159° 31.60' W;
Township: 11S; Range: 4W; Section: 7; Mid-east line;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL71.

Map Locality Number: 187; USGS Mesozoic Locality: 25883.
Alaska, Norton Bay (C-1) 1:63360 quadrangle.
Nulato River. Elevation 2200ft (671m).
Latitude: 64° 36.80' N; Longitude: 159° 17.90' W;
Township: 10S; Range: 3W; Section: 21; N half;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL95.

Map Locality Number: 187; USGS Mesozoic Locality: M7375.
Alaska, Norton Bay (C-1) 1:63360 quadrangle.
Nulato River, approximately 1 mile E of hill 2454. Elevation 1300ft (396m).
Latitude: 64° 35.00' N; Longitude: 159° 18.00' W;
Township: 10S; Range: 3W; Section: 32; NE quarter;
Collector: Sohio Oil Co., 1979. Field Identifier: ST213 NS-79-118.

Map Locality Number: 187; USGS Mesozoic Locality: M7659.
Alaska, Norton Bay (C-1) 1:63360 quadrangle.
Cutbank on east side of Nulato River. Elevation 1400ft (427m).
Latitude: 64° 34.50' N; Longitude: 159° 18.00' W;
Township: 10S; Range: 3W; Section: 32; NE quarter;
Collector: W. W. Patton, 1982. Field Identifier: 82APa87.

Map Locality Number: 188; USGS Mesozoic Locality: 2677.
Alaska, Nulato (D-4) 1:63360 quadrangle.
E side of Yukon River S of Megetsol Island. Elevation 200ft (61m).
Latitude: 64° 50.30' N; Longitude: 157° 53.50' W;
Township: 7S; Range: 5E; Section: 32; SW quarter;
Collector: A. J. Collier, 1902. Field Identifier: 02AC250.

Map Locality Number: 189; USGS Mesozoic Locality: 25889.
Alaska, Nulato (C-6) 1:63360 quadrangle.
Ridge N of South Fork Nulato River. Elevation 1600ft (488m).
Latitude: 64° 40.20' N; Longitude: 158° 40.40' W;
Township: 2S; Range: 1E; Section: 33; NW quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL169.

Map Locality Number: 190; USGS Mesozoic Locality: 2923.
Alaska, Nulato (C-5) 1:63360 quadrangle.
Mouth of Nulato River at Yukon River. Elevation 400ft (122m).
Latitude: 64° 41.50' N; Longitude: 157° 55.00' W;
Township: 9S; Range: 4E; Section: 18; NE quarter;
Collector: A. Hollick, 1903. Field Identifier: 03AH14b.

Map Locality Number: 190; USGS Mesozoic Locality: 2924.
Alaska, Nulato (C-5) 1:63360 quadrangle.
Mouth of Nulato River at Yukon River. Elevation 400ft (122m).
Latitude: 64° 41.50' N; Longitude: 157° 55.00' W;
Township: 9S; Range: 4E; Section: 18; NE quarter;
Collector: A. Hollick, 1903. Field Identifier: 03AH15.

Map Locality Number: 191; USGS Mesozoic Locality: 2682.
Alaska, Nulato (C-5) 1:63360 quadrangle.
East bank of Yukon River opposite Nulato Island. Elevation 400ft (122m).
Latitude: 64° 45.60' N; Longitude: 158° 1.90' W;
Township: 9S; Range: 4E; Section: 15; NE quarter;
Collector: A. J. Collier, 1902. Field Identifier: 02AC253.

Map Locality Number: 192; USGS Mesozoic Locality: JCH-1618.
Alaska, Nulato (C-5) 1:63360 quadrangle.
W side of Yukon River 1/2 mile upstream from Nulato. Elevation 200ft (61m).
Latitude: 64° 43.50' N; Longitude: 158° .50' W;
Township: 9S; Range: 4E; Section: 9; NW quarter;
Collector: John C. Hazzard, 1953. Field Identifier: JCH1618.

Map Locality Number: 193; USGS Mesozoic Locality: 25887.
Alaska, Nulato (C-6) 1:63360 quadrangle.
Nulato River. Elevation 1600ft (488m).
Latitude: 64° 42.40' N; Longitude: 158° 56.20' W;
Township: 9S; Range: 1W; Section: 18; SW quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL160.

Map Locality Number: 193; USGS Mesozoic Locality: 25888.
Alaska, Nulato (C-6) 1:63360 quadrangle.
Nulato River. Elevation 1400ft (427m).
Latitude: 64° 42.20' N; Longitude: 158° 55.20' W;
Township: 9S; Range: 1W; Section: 20; NW quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL162.

Map Locality Number: 194; USGS Mesozoic Locality: M8335.
Alaska, Nulato (C-6) 1:63360 quadrangle.
North bank of west fork of Nulato River. Elevation 1000ft (305m).
Latitude: 64° 43.00' N; Longitude: 158° 56.80' W;
Township: 9S; Range: 1W; Section: 7; SE quarter;
Collector: W. W. Patton, 1985. Field Identifier: 85APa72.

Map Locality Number: 195; USGS Mesozoic Locality: 25886.
Alaska, Nulato (C-6) 1:63360 quadrangle.
Nulato River. Elevation 800ft (244m).
Latitude: 64° 42.50' N; Longitude: 158° 52.50' W;
Township: 9S; Range: 1W; Section: 9; Mid-south line;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL157.

Map Locality Number: 195; USGS Mesozoic Locality: 25890.
Alaska, Nulato (C-6) 1:63360 quadrangle.
Nulato River. Elevation 1200ft (366m).
Latitude: 64° 44.70' N; Longitude: 158° 50.15' W;
Township: 9S; Range: 1W; Section: 3; NW quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL178.

Map Locality Number: 195; USGS Mesozoic Locality: 25891.
Alaska, Nulato (C-6) 1:63360 quadrangle.
Nulato River. Elevation 1200ft (366m).
Latitude: 64° 43.00' N; Longitude: 158° 50.90' W;
Township: 9S; Range: 1W; Section: 15; SW quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL179.

Map Locality Number: 196; USGS Mesozoic Locality: 25884.
Alaska, Nulato (C-6) 1:63360 quadrangle.
Nulato River. Elevation 800ft (244m).
Latitude: 64° 43.40' N; Longitude: 158° 45.90' W;
Township: 9S; Range: 1W; Section: 12; Mid-east line;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL152.

Map Locality Number: 196; USGS Mesozoic Locality: 25885.
Alaska, Nulato (C-6) 1:63360 quadrangle.
Nulato River. Elevation 800ft (244m).
Latitude: 64° 43.20' N; Longitude: 158° 46.50' W;
Township: 9S; Range: 1W; Section: 12; SW quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL154.

Map Locality Number: 196; USGS Mesozoic Locality: 25892.
Alaska, Nulato (C-6) 1:63360 quadrangle.
Nulato River. Elevation 800ft (244m).
Latitude: 64° 44.00' N; Longitude: 158° 45.90' W;
Township: 9S; Range: 1W; Section: 1; SW quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL183.

Map Locality Number: 196; USGS Mesozoic Locality: 25893.
Alaska, Nulato (C-6) 1:63360 quadrangle.
Nulato River. Elevation 800ft (244m).
Latitude: 64° 44.30' N; Longitude: 158° 46.20' W;
Township: 9S; Range: 1W; Section: 1; SW quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL184.

Map Locality Number: 199; USGS Mesozoic Locality: 25898.
Alaska, Nulato (D-6) 1:63360 quadrangle.
Gisasa River. Elevation 600ft (183m).
Latitude: 64° 58.20' N; Longitude: 158° 32.00' W;
Township: 6S; Range: 2E; Section: 18; NE quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL224.

Map Locality Number: 200; USGS Mesozoic Locality: 25896.
Alaska, Nulato (D-5) 1:63360 quadrangle.
Gisasa River. Elevation 600ft (183m).
Latitude: 64° 59.30' N; Longitude: 158° 29.70' W;
Township: 6S; Range: 2E; Section: 3; SW quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL219.

Map Locality Number: 200; USGS Mesozoic Locality: 25897.
Alaska, Nulato (D-5) 1:63360 quadrangle.
Gisasa River. Elevation 600ft (183m).
Latitude: 64° 58.90' N; Longitude: 158° 29.80' W;
Township: 6S; Range: 2E; Section: 3; NE quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL222.

Map Locality Number: 201; USGS Mesozoic Locality: 25912.
Alaska, Kateel River (A-5) 1:63360 quadrangle.
Gisasa River. Elevation 600ft (183m).
Latitude: 65° 3.50' N; Longitude: 158° 21.90' W;
Township: 5S; Range: 3E; Section: 30; NW quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL108.

Map Locality Number: 202; USGS Mesozoic Locality: 25910.
Alaska, Kateel River (A-5) 1:63360 quadrangle.
Gisasa River. Elevation 400ft (122m).
Latitude: 65° 5.10' N; Longitude: 158° 9.80' W;
Township: 5S; Range: 3E; Section: 1; E half;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL299.

Map Locality Number: 202; USGS Mesozoic Locality: 25914.
Alaska, Kateel River (A-5) 1:63360 quadrangle.
Gisasa River. Elevation 400ft (122m).
Latitude: 65° 5.70' N; Longitude: 158° 8.80' W;
Township: 4S; Range: 3E; Section: 36; SE quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL138.

Map Locality Number: 203; USGS Mesozoic Locality: 25909.
Alaska, Kateel River (A-5) 1:63360 quadrangle.
Ridge between Gisasa River & Honhosa River. Elevation 1200ft (366m).
Latitude: 65° 7.50' N; Longitude: 158° 7.90' W;
Township: 4S; Range: 3E; Section: 22; E half;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL296.

Map Locality Number: 204; USGS Mesozoic Locality: 25907.
Alaska, Kateel River (A-5) 1:63360 quadrangle.
Ridge between Gisasa River & Honhosa River. Elevation 1400ft (427m).
Latitude: 65° 8.00' N; Longitude: 158° 15.60' W;
Township: 4S; Range: 4E; Section: 21; NE quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL293.

Map Locality Number: 204; USGS Mesozoic Locality: 25908.
Alaska, Kateel River (A-5) 1:63360 quadrangle.
Ridge between Gisasa River & Honhosa River. Elevation 1400ft (427m).
Latitude: 65° 8.00' N; Longitude: 158° 15.60' W;
Township: 4S; Range: 4E; Section: 21; NE quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL295.

Map Locality Number: 205; USGS Mesozoic Locality: 26235.
Alaska, Kateel River (A-4) 1:63360 quadrangle.
Long Stretch, Koyukuk River. Elevation 400ft (122m).
Latitude: 65° 11.50' N; Longitude: 157° 40.20' W;
Township: 3S; Range: 6E; Section: 29; SW quarter;
Collector: W. W. Patton, 1956. Field Identifier: 56APa116.

Map Locality Number: 205; USGS Mesozoic Locality: 26236.
Alaska, Kateel River (A-4) 1:63360 quadrangle.
Long Strtch, Koyukuk River. Elevation 400ft (122m).
Latitude: 65° 11.50' N; Longitude: 157° 40.20' W;
Township: 3S; Range: 6E; Section: 29; SW quarter;
Collector: W. W. Patton, 1956. Field Identifier: 56APa117.

Map Locality Number: 205; USGS Mesozoic Locality: 26237.
Alaska, Kateel River (A-4) 1:63360 quadrangle.
Long Strtch, Koyukuk River. Elevation 400ft (122m).
Latitude: 65° 11.30' N; Longitude: 157° 40.00' W;
Township: 3S; Range: 6E; Section: 32; NE quarter;
Collector: W. W. Patton, 1956. Field Identifier: 56APa118.

Map Locality Number: 205; USGS Mesozoic Locality: 26238.
Alaska, Kateel River (A-4) 1:63360 quadrangle.
Long Strtch, Koyukuk River. Elevation 400ft (122m).
Latitude: 65° 11.30' N; Longitude: 157° 40.00' W;
Township: 3S; Range: 6E; Section: 32; NE quarter;
Collector: W. W. Patton, 1956. Field Identifier: 56APa119.

Map Locality Number: 205; USGS Mesozoic Locality: 26239.
Alaska, Kateel River (A-4) 1:63360 quadrangle.
Long Stretch Koyukuk River. Elevation 400ft (122m).
Latitude: 65° 10.70' N; Longitude: 157° 39.60' W;
Township: 3S; Range: 6E; Section: 33; SW quarter;
Collector: W. W. Patton, 1956. Field Identifier: 56APa121.

Map Locality Number: 206; USGS Mesozoic Locality: 26240.
Alaska, Kateel River (A-4) 1:63360 quadrangle.
Long Stretch Koyukuk River. Elevation 400ft (122m).
Latitude: 65° 9.40' N; Longitude: 157° 39.90' W;
Township: 4S; Range: 6E; Section: 7; SE quarter;
Collector: W. W. Patton, 1956. Field Identifier: 56APa123.

Map Locality Number: 206; USGS Mesozoic Locality: 26241.
Alaska, Kateel River (A-4) 1:63360 quadrangle.
Long Stretch Koyukuk River. Elevation 400ft (122m).
Latitude: 65° 8.40' N; Longitude: 157° 40.00' W;
Township: 4S; Range: 6E; Section: 17; E half;
Collector: W. W. Patton, 1956. Field Identifier: 56APa124.

Map Locality Number: 207; USGS Mesozoic Locality: 26242.
Alaska, Kateel River (A-4) 1:63360 quadrangle.
Long Stretch Koyukuk River. Elevation 400ft (122m).
Latitude: 65° 5.30' N; Longitude: 157° 39.90' W;
Township: 4S; Range: 6E; Section: 28; W half;
Collector: W. W. Patton, 1956. Field Identifier: 56APa126.

Map Locality Number: 207; USGS Mesozoic Locality: 26275.
Alaska, Kateel River (A-4) 1:63360 quadrangle.
Long Stretch Kateel River. Elevation 200ft (61m).
Latitude: 65° 5.00' N; Longitude: 157° 39.00' W;
Township: 4S; Range: 6E; Section: 32; SW quarter;
Collector: R. C. White & F. Bentz, 1956. Field Identifier: 44.

Map Locality Number: 208; USGS Mesozoic Locality: 25899.
Alaska, Kateel River (B-5) 1:63360 quadrangle.
West bank Honhosu River. Elevation 400ft (122m).
Latitude: 65° 16.50' N; Longitude: 158° 1.90' W;
Township: 2S; Range: 4E; Section: 28; W half;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL260.

Map Locality Number: 208; USGS Mesozoic Locality: 25900.
Alaska, Kateel River (B-5) 1:63360 quadrangle.
West bank Honhosu River. Elevation 400ft (122m).
Latitude: 65° 16.50' N; Longitude: 158° 3.00' W;
Township: 2S; Range: 4E; Section: 33; NW quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL263.

Map Locality Number: 208; USGS Mesozoic Locality: 25901.
Alaska, Kateel River (B-5) 1:63360 quadrangle.
West bank Honhosu River. Elevation 400ft (122m).
Latitude: 65° 16.50' N; Longitude: 158° 3.00' W;
Township: 2S; Range: 4E; Section: 33; NW quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL266.

Map Locality Number: 209; USGS Mesozoic Locality: 25902.
Alaska, Kateel River (B-5) 1:63360 quadrangle.
West bank Honhosu River. Elevation 400ft (122m).
Latitude: 65° 17.00' N; Longitude: 158° 3.60' W;
Township: 2S; Range: 4E; Section: 28; SW quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL267.

Map Locality Number: 209; USGS Mesozoic Locality: 25913.
Alaska, Kateel River (A-5) 1:63360 quadrangle.
Gisasa River. Elevation 400ft (122m).
Latitude: 65° 5.70' N; Longitude: 158° 8.80' W;
Township: 4S; Range: 3E; Section: 36; SE quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL111.

Map Locality Number: 210; USGS Mesozoic Locality: M7661.
Alaska, Kateel River (A-6) 1:63360 quadrangle.
Cutbank on east bank of Arvesta Creek. Elevation 600ft (183m).
Latitude: 65° 8.50' N; Longitude: 158° 47.50' W;
Township: 4S; Range: 1W; Section: 13; SW quarter;
Collector: W. W. Patton, 1982. Field Identifier: 82AP50.

Map Locality Number: 211; USGS Mesozoic Locality: M4001.
Alaska, Candle (C-5) 1:63360 quadrangle.
Ridge east of West fork of Buckland River. Elevation 600ft (183m).
Latitude: 65° 27.10' N; Longitude: 160° 40.00' W;
Township: 1N; Range: 10W; Section: 34; NE quarter;
Collector: Bond Taber?, 1958. Field Identifier: 58Atb112.

Map Locality Number: 212; USGS Mesozoic Locality: 25905.
Alaska, Kateel River (B-5) 1:63360 quadrangle.
Pitko River. Elevation 500ft (152m).
Latitude: 65° 27.30' N; Longitude: 158° 7.30' W;
Township: 1N; Range: 4E; Section: 30; SW quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL285.

Map Locality Number: 212; USGS Mesozoic Locality: 25906.
Alaska, Kateel River (B-5) 1:63360 quadrangle.
Pitko River. Elevation 500ft (152m).
Latitude: 65° 27.00' N; Longitude: 158° 8.50' W;
Township: 1N; Range: 4E; Section: 31; NW quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL286.

Map Locality Number: 213; USGS Mesozoic Locality: 25904.
Alaska, Kateel River (B-5) 1:63360 quadrangle.
Ridge S of Kateel River & N of Pitko River. Elevation 1600ft (488m).
Latitude: 65° 26.30' N; Longitude: 158° 15.00' W;
Township: 1N; Range: 3E; Section: 33; SE quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL284.

Map Locality Number: 214; USGS Mesozoic Locality: 26234.
Alaska, Kateel River (C-4) 1:63360 quadrangle.
Kateel River. Elevation 200ft (61m).
Latitude: 65° 34.60' N; Longitude: 157° 50.50' W;
Township: 2N; Range: 5E; Section: 16; N half;
Collector: W. W. Patton, 1956. Field Identifier: 56APa102.

Map Locality Number: 215; USGS Mesozoic Locality: M541.
Alaska, Kateel River (C-5) 1:63360 quadrangle.
Kateel River. Elevation 350ft (107m).
Latitude: 65° 32.30' N; Longitude: 158° 12.70' W;
Township: 2N; Range: 3E; Section: 35; NW quarter;
Collector: W. W. Patton, 1958. Field Identifier: 58APa161.

Map Locality Number: 216; USGS Mesozoic Locality: 25903.
Alaska, Kateel River (C-5) 1:63360 quadrangle.
North bank Kateel River. Elevation 800ft (244m).
Latitude: 65° 32.20' N; Longitude: 158° 16.50' W;
Township: 2N; Range: 3E; Section: 33; NE quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL280.

Map Locality Number: 216; USGS Mesozoic Locality: 26273.
Alaska, Kateel River (C-5) 1:63360 quadrangle.
High bluff on north bank of Kateel River. Elevation 400ft (122m).
Latitude: 65° 32.00' N; Longitude: 158° 14.90' W;
Township: 12N; Range: 3E; Section: 33; NW quarter;
Collector: R. C. White & F. Bentz, 1956. Field Identifier: None.

Map Locality Number: 217; USGS Mesozoic Locality: M542.
Alaska, Kateel River (C-6) 1:63360 quadrangle.
On continental divide. Elevation 1400ft (427m).
Latitude: 65° 41.30' N; Longitude: 158° 31.70' W;
Township: 3N; Range: 2E; Section: 6; SE quarter;
Collector: W. W. Patton, 1958. Field Identifier: 58APa184.

Map Locality Number: 218; USGS Mesozoic Locality: 26274.
Alaska, Nulato (D-6) 1:63360 quadrangle.
Derby Creek. Elevation 800ft (244m).
Latitude: 64° 41.00' N; Longitude: 158° 31.50' W;
Township: 4N; Range: 2E; Section: 2; NW/NW quarter;
Collector: R. C. White & F. Bentz, 1956. Field Identifier: 35.

Map Locality Number: 219; USGS Mesozoic Locality: 26276.
Alaska, Nulato (D-6) 1:63360 quadrangle.
North bank of Derby Creek. Elevation 400ft (122m).
Latitude: 65° 50.50' N; Longitude: 158° 49.90' W;
Township: 5N; Range: 1W; Section: 15; NE quarter;
Collector: R. C. White & F. Bentz, 1956. Field Identifier: 72.

Map Locality Number: 219; USGS Mesozoic Locality: M543.
Alaska, Kateel River (D-6) 1:63360 quadrangle.
Kateel River. Elevation 400ft (122m).
Latitude: 65° 50.20' N; Longitude: 158° 50.30' W;
Township: 5N; Range: 1W; Section: 15; NE quarter;
Collector: W. W. Patton, 1958. Field Identifier: 58APa189.

Map Locality Number: 220; USGS Mesozoic Locality: M5043.
Alaska, Selawik (D-3) 1:63360 quadrangle.
Southeast side of Hockley Hills. Elevation 700ft (213m).
Latitude: 66° 47.50' N; Longitude: 160° 26.00' W;
Township: 16N; Range: 8W; Section: 17; NE quarter;
Collector: W. W. Patton, 1966. Field Identifier: 66APa188.

Map Locality Number: 221; USGS Mesozoic Locality: M5044.
Alaska, Selawik (D-3) 1:63360 quadrangle.
Southeast side of Hockley Hills. Elevation 1000ft (305m).
Latitude: 66° 48.00' N; Longitude: 160° 26.00' W;
Township: 16N; Range: 8W; Section: 8; NE quarter;
Collector: W. W. Patton, 1966. Field Identifier: 66APa188b.

Map Locality Number: 222; USGS Mesozoic Locality: M5042.
Alaska, Selawik (D-3) 1:63360 quadrangle.
Southeast side of Hockley Hills. Elevation 1000ft (305m).
Latitude: 66° 48.50' N; Longitude: 160° 23.00' W;
Township: 16N; Range: 8W; Section: 3; SW quarter;
Collector: T. P. Miller, 1966. Field Identifier: 66AMm175.

Map Locality Number: 222; USGS Mesozoic Locality: M5046.
Alaska, Selawik (D-3) 1:63360 quadrangle.
Southeast side of Hockley Hills. Elevation 900ft (274m).
Latitude: 66° 49.50' N; Longitude: 160° 21.00' W;
Township: 17N; Range: 8W; Section: 35; SE quarter;
Collector: W. W. Patton, 1967. Field Identifier: 67APa25.

Map Locality Number: 223; USGS Mesozoic Locality: M5045.
Alaska, Selawik (D-3) 1:63360 quadrangle.
Southeast side of Hockley Hills. Elevation 900ft (274m).
Latitude: 66° 49.50' N; Longitude: 160° 27.00' W;
Township: 16N; Range: 8W; Section: 32; SE quarter;
Collector: W. W. Patton, 1966. Field Identifier: 66APa191.

Map Locality Number: 224; USGS Mesozoic Locality: M5047.
Alaska, Selawik (D-3) 1:63360 quadrangle.
Head of Singauruk River. Elevation 1000ft (305m).
Latitude: 66° 51.00' N; Longitude: 160° 13.00' W;
Township: 17N; Range: 7W; Section: 8; NE/NW quarter;
Collector: W. W. Patton, 1967. Field Identifier: 67APa26.

Map Locality Number: 225; USGS Mesozoic Locality: M1249.
Alaska, Selawik (D-2) 1:63360 quadrangle.
Waring Mountains, south of Kiana. Elevation 900ft (274m).
Latitude: 66° 54.27' N; Longitude: 159° 58.20' W;
Township: 17N; Range: 6W; Section: 4; SW quarter;
Collector: W. W. Patton, 1966. Field Identifier: None.

Map Locality Number: 226; USGS Mesozoic Locality: M1250.
Alaska, Selawik (D-2) 1:63360 quadrangle.
Waring Mountains, east fork of Fish Creek. Elevation 1100ft (335m).
Latitude: 66° 54.91' N; Longitude: 159° 40.04' W;
Township: 17N; Range: 5W; Section: 2; NE quarter;
Collector: W. W. Patton, 1966. Field Identifier: None.

Map Locality Number: 227; USGS Mesozoic Locality: M8333.
Alaska, Nulato (D-4) 1:63360 quadrangle.
West bank of Yukon River, opposite Big Island. Elevation 200ft (61m).
Latitude: 64° 46.20' N; Longitude: 157° 59.30' W;
Township: 8S; Range: 4E; Section: 26; SE quarter;
Collector: Steve Box, 1985. Field Identifier: 85SB210A.

Map Locality Number: 227; USGS Mesozoic Locality: M8334.
Alaska, Nulato (D-4) 1:63360 quadrangle.
West bank of Yukon River. Elevation 200ft (61m).
Latitude: 64° 45.90' N; Longitude: 157° 59.60' W;
Township: 8S; Range: 4E; Section: 26; SE quarter;
Collector: Steve Box, 1985. Field Identifier: 85SB210B.

Map Locality Number: 228; USGS Mesozoic Locality: 25298.
Alaska, Nulato (D-4) 1:63360 quadrangle.
West bank of Yukon River. Elevation 200ft (61m).
Latitude: 64° 50.50' N; Longitude: 157° 56.10' W;
Township: 7S; Range: 5E; Section: 31; SW quarter;
Collector: W. W. Patton, 1954. Field Identifier: 54APa206.

Map Locality Number: 228; USGS Mesozoic Locality: 2678.
Alaska, Nulato (D-4) 1:63360 quadrangle.
E side of Yukon River S of Megotsol Island. Elevation 200ft (61m).
Latitude: 64° 50.30' N; Longitude: 157° 53.50' W;
Township: 7S; Range: 5E; Section: 32; SW quarter;
Collector: A. J. Collier, 1902. Field Identifier: 02AC244.

Map Locality Number: 228; USGS Mesozoic Locality: 2679.
Alaska, Nulato (D-4) 1:63360 quadrangle.
E side of Yukon River S of Megotsol Island. Elevation 200ft (61m).
Latitude: 64° 50.30' N; Longitude: 157° 53.50' W;
Township: 7S; Range: 5E; Section: 32; SW quarter;
Collector: A. J. Collier, 1902. Field Identifier: 02AC249.

Map Locality Number: 228; USGS Mesozoic Locality: 2680.
Alaska, Nulato (D-4) 1:63360 quadrangle.
E side of Yukon River S of Megotsol Island. Elevation 200ft (61m).
Latitude: 64° 50.30' N; Longitude: 157° 53.50' W;
Township: 7S; Range: 5E; Section: 32; SW quarter;
Collector: A. J. Collier, 1902. Field Identifier: 02AC251.

Map Locality Number: 229; USGS Mesozoic Locality: 25299.
Alaska, Nulato (D-4) 1:63360 quadrangle.
West bank of Yukon River. Elevation 200ft (61m).
Latitude: 64° 49.50' N; Longitude: 157° 58.80' W;
Township: 8S; Range: 5E; Section: 6; NW quarter;
Collector: W. W. Patton, 1954. Field Identifier: 54APa207.

Map Locality Number: 229; USGS Mesozoic Locality: 25300.
Alaska, Nulato (D-4) 1:63360 quadrangle.
West bank of Yukon River. Elevation 200ft (61m).
Latitude: 64° 49.10' N; Longitude: 157° 57.90' W;
Township: 8S; Range: 4E; Section: 12; NE quarter;
Collector: W. W. Patton, 1954. Field Identifier: 54APa209.

Map Locality Number: 229; USGS Mesozoic Locality: 2926.
Alaska, Nulato (D-5) 1:63360 quadrangle.
Ridge W of Gemodedon Island, Yukon River. Elevation 600ft (183m).
Latitude: 64° 48.70' N; Longitude: 157° 58.70' W;
Township: 8S; Range: 4E; Section: 12; NE quarter;
Collector: A. Hollick, 1903. Field Identifier: 03AH17.

Map Locality Number: 229; USGS Mesozoic Locality: 2928.
Alaska, Nulato (D-5) 1:63360 quadrangle.
Ridge W of Gemodedon Island, Yukon River. Elevation 600ft (183m).
Latitude: 64° 48.70' N; Longitude: 157° 58.70' W;
Township: 8S; Range: 4E; Section: 12; NE quarter;
Collector: A. Hollick, 1903. Field Identifier: 03AH18c.

Map Locality Number: 229; USGS Mesozoic Locality: 2929.
Alaska, Nulato (D-5) 1:63360 quadrangle.
Ridge W of Gemodedon Island, Yukon River. Elevation 600ft (183m).
Latitude: 64° 48.70' N; Longitude: 157° 58.70' W;
Township: 8S; Range: 4E; Section: 12; NE quarter;
Collector: A. Hollick, 1903. Field Identifier: 03AH18e.

Map Locality Number: 229; USGS Mesozoic Locality: 2930.
Alaska, Nulato (D-5) 1:63360 quadrangle.
Ridge W of Gemodedon Island, Yukon River. Elevation 600ft (183m).
Latitude: 64° 48.70' N; Longitude: 157° 58.70' W;
Township: 8S; Range: 4E; Section: 12; NE quarter;
Collector: A. Hollick, 1903. Field Identifier: 03AH18d.

Map Locality Number: 229; USGS Mesozoic Locality: M8332.
Alaska, Nulato (D-4) 1:63360 quadrangle.
West bank of Yukon River. Elevation 200ft (61m).
Latitude: 64° 49.50' N; Longitude: 157° 58.80' W;
Township: 8S; Range: 5E; Section: 6; NW quarter;
Collector: Steve Box, 1985. Field Identifier: 85SB209.

Map Locality Number: 230; USGS Mesozoic Locality: 25295.
Alaska, Nulato (D-4) 1:63360 quadrangle.
Negatsena Creek, Yukon River. Elevation 400ft (122m).
Latitude: 64° 53.00' N; Longitude: 157° 51.10' W;
Township: 7S; Range: 5E; Section: 16; NW quarter;
Collector: W. W. Patton, 1954. Field Identifier: 54APa195.

Map Locality Number: 230; USGS Mesozoic Locality: 25296.
Alaska, Nulato (D-4) 1:63360 quadrangle.
Mouth of Negatsena Creek. Elevation 400ft (122m).
Latitude: 64° 52.00' N; Longitude: 157° 53.90' W;
Township: 7S; Range: 5E; Section: 20; SW quarter;
Collector: W. W. Patton, 1954. Field Identifier: 54APa201.

Map Locality Number: 230; USGS Mesozoic Locality: 25297.
Alaska, Nulato (D-4) 1:63360 quadrangle.
West bank of Yukon River. Elevation 200ft (61m).
Latitude: 64° 49.50' N; Longitude: 157° 58.80' W;
Township: 8S; Range: 5E; Section: 6; NW quarter;
Collector: W. W. Patton, 1954. Field Identifier: 54APa204.

Map Locality Number: 230; USGS Mesozoic Locality: 25895.
Alaska, Nulato (D-6) 1:63360 quadrangle.
Ridge between Gisasa River and Nulato River. Elevation 2000ft (610m).
Latitude: 64° 48.30' N; Longitude: 158° 45.20' W;
Township: 8S; Range: 1E; Section: 7; SW quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL187.

Map Locality Number: 230; USGS Mesozoic Locality: M8331.
Alaska, Nulato (D-4) 1:63360 quadrangle.
West bank of Yukon River. Elevation 200ft (61m).
Latitude: 64° 50.50' N; Longitude: 157° 55.40' W;
Township: 7S; Range: 5E; Section: 31; SW quarter;
Collector: Steve Box, 1985. Field Identifier: 85ASB207.

Map Locality Number: 231; USGS Mesozoic Locality: 21417.
Alaska, Nulato (D-3) 1:63360 quadrangle.
Yukon River at Pilot Mtn. Elevation 200ft (61m).
Latitude: 64° 45.30' N; Longitude: 157° 18.20' W;
Township: 8S; Range: 8E; Section: 31; E half;
Collector: Troy L. Pewe, 1946. Field Identifier: C7.

Map Locality Number: 232; USGS Mesozoic Locality: 21418.
Alaska, Nulato (D-3) 1:63360 quadrangle.
Bishop Rock, north bank of Yukon River. Elevation 200ft (61m).
Latitude: 64° 49.60' N; Longitude: 157° 21.60' W;
Township: 8S; Range: 7E; Section: 1; NW quarter;
Collector: Troy L. Pewe, 1946. Field Identifier: C9.5.

Map Locality Number: 232; USGS Mesozoic Locality: 25294.
Alaska, Nulato (D-3) 1:63360 quadrangle.
Bishop Rock, north bank of Yukon River. Elevation 200ft (61m).
Latitude: 64° 49.60' N; Longitude: 157° 21.60' W;
Township: 8S; Range: 7E; Section: 1; NW quarter;
Collector: W. W. Patton, 1954. Field Identifier: 54APa189.

Map Locality Number: 232; USGS Mesozoic Locality: 25894.
Alaska, Nulato (D-6) 1:63360 quadrangle.
Ridge north of Nulato River. Elevation 1600ft (488m).
Latitude: 64° 45.70' N; Longitude: 158° 43.50' W;
Township: 8S; Range: 1E; Section: 30; SE quarter;
Collector: R. S. Bickel, 1955. Field Identifier: 55ABL185.

Map Locality Number: 232; USGS Mesozoic Locality: 2927.
Alaska, Nulato (D-3) 1:63360 quadrangle.
Bishop Rock, north bank of Yukon River. Elevation 200ft (61m).
Latitude: 64° 49.60' N; Longitude: 157° 21.60' W;
Township: 8S; Range: 7E; Section: 1; NW quarter;
Collector: A. Hollick, 1903. Field Identifier: 03AH17a.

Map Locality Number: 232; USGS Mesozoic Locality: M8329.
Alaska, Nulato (D-3) 1:63360 quadrangle.
Bishop Rock, north bank of Yukon River. Elevation 200ft (61m).
Latitude: 64° 49.60' N; Longitude: 157° 21.60' W;
Township: 8S; Range: 7E; Section: 1; NW quarter;
Collector: Steve Box, 1985. Field Identifier: 85SB202B.

Map Locality Number: 232; USGS Mesozoic Locality: M8330.
Alaska, Nulato (D-3) 1:63360 quadrangle.
Bishop Rock, north bank of Yukon River. Elevation 200ft (61m).
Latitude: 64° 49.60' N; Longitude: 157° 21.50' W;
Township: 8S; Range: 7E; Section: 1; NW quarter;
Collector: Steve Box, 1985. Field Identifier: 85SB203B.

Map Locality Number: 233; USGS Mesozoic Locality: 25291.
Alaska, Nulato (B-5) 1:63360 quadrangle.
Head of tributary of Beaver Creek, Yukon River. Elevation 400ft (122m).
Latitude: 64° 41.30' N; Longitude: 156° 34.40' W;
Township: 9S; Range: 11E; Section: 25; NW quarter;
Collector: W. W. Patton, 1954. Field Identifier: 54APa174.

Map Locality Number: 233; USGS Mesozoic Locality: 25293.
Alaska, Nulato (B-5) 1:63360 quadrangle.
Head of tributary of Beaver Creek, Yukon River. Elevation 400ft (122m).
Latitude: 64° 41.30' N; Longitude: 156° 36.00' W;
Township: 9S; Range: 11E; Section: 23; Mid-south line;
Collector: W. W. Patton, 1954. Field Identifier: 54APa180.

Map Locality Number: 234; USGS Mesozoic Locality: 25290.
Alaska, Nulato (B-5) 1:63360 quadrangle.
Northeast of Bear Bluff, Yukon River. Elevation 400ft (122m).
Latitude: 64° 41.00' N; Longitude: 156° 32.20' W;
Township: 9S; Range: 12E; Section: 30; NE quarter;
Collector: W. W. Patton, 1954. Field Identifier: 54APa168.

Map Locality Number: 234; USGS Mesozoic Locality: 25292.
Alaska, Nulato (B-5) 1:63360 quadrangle.
Head of tributary of Beaver Creek, Yukon River. Elevation 400ft (122m).
Latitude: 64° 41.30' N; Longitude: 156° 34.40' W;
Township: 9S; Range: 11E; Section: 25; NW quarter;
Collector: W. W. Patton, 1954. Field Identifier: 54APa178.

Map Locality Number: 235; USGS Mesozoic Locality: M7376.
Alaska, Nulato (C-2) 1:63360 quadrangle.
Lewis Bench mark on north side of Yukon River. Elevation 600ft (183m).
Latitude: 64° 41.00' N; Longitude: 156° 31.00' W;
Township: 9S; Range: 12E; Section: 32; NW quarter;
Collector: Sohio Oil Co., 1979. Field Identifier: ST241.

Map Locality Number: 235; USGS Mesozoic Locality: M8328.
Alaska, Nulato (C-2) 1:63360 quadrangle.
North bank of Yukon River. Elevation 400ft (122m).
Latitude: 64° 39.80' N; Longitude: 156° 32.10' W;
Township: 9S; Range: 12E; Section: 31; NW quarter;
Collector: Steve Box, 1985. Field Identifier: 85SB202.

Map Locality Number: 236; USGS Mesozoic Locality: 25287.
Alaska, Nulato (D-1) 1:63360 quadrangle.
Ridge north of Yukon River. Elevation 800ft (244m).
Latitude: 64° 45.30' N; Longitude: 156° 13.40' W;
Township: 8S; Range: 13E; Section: 34; Mid-west line;
Collector: W. W. Patton, 1954. Field Identifier: 54APa153

Map Locality Number: 237; USGS Mesozoic Locality: 25288.
Alaska, Nulato (C-1) 1:63360 quadrangle.
Ridge north of Dainty Island, Yukon River. Elevation 800ft (244m).
Latitude: 64° 44.30' N; Longitude: 156° 17.00' W;
Township: 9S; Range: 13E; Section: 4; SW quarter;
Collector: W. W. Patton, 1954. Field Identifier: 54APa150.

Map Locality Number: 237; USGS Mesozoic Locality: 25289.
Alaska, Nulato (C-1) 1:63360 quadrangle.
Ridge north of Dainty Island, Yukon River. Elevation 800ft (244m).
Latitude: 64° 42.80' N; Longitude: 156° 17.60' W;
Township: 9S; Range: 13E; Section: 17; NW quarter;
Collector: W. W. Patton, 1954. Field Identifier: 54APa159.

Map Locality Number: 238; USGS Mesozoic Locality: 25285.
Alaska, Ruby (C-6) 1:63360 quadrangle.
North shore of Yukon River. Elevation 200ft (61m).
Latitude: 64° 44.20' N; Longitude: 155° 57.70' W;
Township: 9S; Range: 14E; Section: 1; SE quarter;
Collector: W. W. Patton, 1954. Field Identifier: 54APa135.

Map Locality Number: 238; USGS Mesozoic Locality: 25286.
Alaska, Nulato (C-1) 1:63360 quadrangle.
Yukon River, sandstone bluff W of Yuki Island. Elevation 200ft (61m).
Latitude: 64° 43.90' N; Longitude: 156° .10' W;
Township: 9S; Range: 14E; Section: 2; SW quarter;
Collector: W. W. Patton, 1954. Field Identifier: 54APa149.

Map Locality Number: 239; USGS Mesozoic Locality: 25284.
Alaska, Ruby (D-6) 1:63360 quadrangle.
North shore of Yukon River. Elevation 200ft (61m).
Latitude: 64° 46.20' N; Longitude: 155° 47.80' W;
Township: 8S; Range: 15E; Section: 34; NE quarter;
Collector: W. W. Patton, 1954. Field Identifier: 54APa122.

Map Locality Number: 240; USGS Mesozoic Locality: M1054.
Alaska, Unalakleet (C-4) 1:63360 quadrangle.
Ridge north of Bear Creek.. Elevation 600ft (183m).
Latitude: 64° 47.75' N; Longitude: 156° 22.00' W;
Township: 7S; Range: 12E; Section: 2; NE quarter;
Collector: W. W. Patton, 1960. Field Identifier: 60APa27.

Map Locality Number: 241; USGS Mesozoic Locality: M1056.
Alaska, Kateel River (A-1) 1:63360 quadrangle.
Head of Holtnakatna Creek. Elevation 400ft (122m).
Latitude: 65° .75' N; Longitude: 156° 13.00' W;
Township: 5S; Range: 12E; Section: 34; NW quarter;
Collector: W. W. Patton, 1960. Field Identifier: 60APa80.

Map Locality Number: 242; USGS Mesozoic Locality: M1055.
Alaska, Kateel River (B-1) 1:63360 quadrangle.
SE of mouth of Dulbi River at Koyukuk River. Elevation 300ft (91m).
Latitude: 65° 21.25' N; Longitude: 156° 27.00' W;
Township: 1S; Range: 12E; Section: 32;
Collector: W. W. Patton, 1960. Field Identifier: 60APa78.

Map Locality Number: 243; USGS Mesozoic Locality: M545.
Alaska, Ruby (D-5) 1:63360 quadrangle.
Bear Creek. Elevation 1600ft (488m).
Latitude: 64° 55.50' N; Longitude: 155° 54.80' W;
Township: 6S; Range: 15E; Section: 31; NE quarter;
Collector: Bond Taber?, 1958. Field Identifier: 58ATb234.

Map Locality Number: 244; USGS Mesozoic Locality: M6997.
Alaska, Ruby (D-6) 1:63360 quadrangle.
On 2,610ft ridge, 21km north of Yukon River. Elevation 2610ft (796m).
Latitude: 64° 58.00' N; Longitude: 157° 39.50' W;
Township: 6S; Range: 16E; Section: 17; SE quarter;
Collector: R. M. Chapman, 1977. Field Identifier: 77ACh99.

Map Locality Number: 245; USGS Mesozoic Locality: M6995.
Alaska, Ruby (D-5) 1:63360 quadrangle.
East bank of Melozitna River in Melozitna Canyon. Elevation 400ft (122m).
Latitude: 64° 52.00' N; Longitude: 155° 28.00' W;
Township: 7S; Range: 17E; Section: 20; SE quarter;
Collector: R. M. Chapman, 1977. Field Identifier: 77ACh40.

Map Locality Number: 245; USGS Mesozoic Locality: M6996.
Alaska, Ruby (D-5) 1:63360 quadrangle.
North bank of Melozitna River. Elevation 400ft (122m).
Latitude: 64° 52.00' N; Longitude: 155° 23.50' W;
Township: 7S; Range: 17E; Section: 30; SE quarter;
Collector: R. M. Chapman, 1977. Field Identifier: 77ACh42.

Map Locality Number: 246; USGS Mesozoic Locality: M5040.
Alaska, Melozitna (B-5) 1:63360 quadrangle.
NE of head of Nayuka River. Elevation 1400ft (427m).
Latitude: 65° 27.00' N; Longitude: 155° 27.00' W;
Township: 1N; Range: 37W; Section: 26; SW quarter;
Collector: W. W. Patton, 1968. Field Identifier: 68APa38.

Map Locality Number: 247; USGS Mesozoic Locality: M5041.
Alaska, Melozitna (A-5) 1:63360 quadrangle.
Ridge north of Turnaround Creek. Elevation 1400ft (427m).
Latitude: 65° 3.00' N; Longitude: 155° 3.00' W;
Township: 5S; Range: 19E; Section: 17; SE quarter;
Collector: T. P. Miller, 1968. Field Identifier: 68AMm61.

Map Locality Number: 247; USGS Mesozoic Locality: M5858.
Alaska, Melozitna (A-5) 1:63360 quadrangle.
Ridge north of Turnaround Creek. Elevation 1400ft (427m).
Latitude: 65° 3.00' N; Longitude: 155° 3.00' W;
Township: 5S; Range: 19E; Section: 17; SE quarter;
Collector: Humble Oil Co., 1971. Field Identifier: Ko71-562.

Map Locality Number: 248; USGS Mesozoic Locality: M6273.
Alaska, Melozitna (C-2) 1:63360 quadrangle.
N of mouth of Bacon Creek at Melozitna River. Elevation 800ft (244m).
Latitude: 65° 36.50' N; Longitude: 153° 40.00' W;
Township: 2N; Range: 25E; Section: 4; NW quarter;
Collector: Union Oil Co., 1973. Field Identifier: RRR 1597.

Map Locality Number: 249; USGS Mesozoic Locality: M2963.
Alaska, Melozitna (D-3) 1:63360 quadrangle.
Koyukuk River at Indian River. Elevation 400ft (122m).
Latitude: 65° 51.50' N; Longitude: 154° 23.20' W;
Township: 5N; Range: 21W; Section: 2; NE quarter;
Collector: T. P. Miller, 1965. Field Identifier: 65AMm14.

Map Locality Number: 250; USGS Mesozoic Locality: M2962.
Alaska, Melozitna (D-3) 1:63360 quadrangle.
Koyukuk River at Indian River. Elevation 400ft (122m).
Latitude: 65° 51.50' N; Longitude: 154° 23.20' W;
Township: 5N; Range: 21W; Section: 2; NE quarter;
Collector: T. P. Miller, 1965. Field Identifier: 65AMm10.

Map Locality Number: 250; USGS Mesozoic Locality: M7837.
Alaska, Melozitna (D-4) 1:63360 quadrangle.
West bank of Koyukuk River. Elevation 400ft (122m).
Latitude: 65° 52.20' N; Longitude: 154° 34.05' W;
Township: 5N; Range: 20E; Section: 1; NW quarter;
Collector: W. W. Patton, 1983. Field Identifier: 83CC52.

Map Locality Number: 250; USGS Mesozoic Locality: M7838.
Alaska, Melozitna (D-4) 1:63360 quadrangle.
West bank of Koyukuk River. Elevation 400ft (122m).
Latitude: 65° 52.15' N; Longitude: 154° 34.05' W;
Township: 5N; Range: 20E; Section: 1; NW quarter;
Collector: Steve Box, 1983. Field Identifier: 83SB51.

Map Locality Number: 251; USGS Mesozoic Locality: 24686.
Alaska, Melozitna (D-3) 1:63360 quadrangle.
Koyukuk River at Indian River. Elevation 400ft (122m).
Latitude: 65° 51.50' N; Longitude: 154° 23.20' W;
Township: 5N; Range: 21W; Section: 2; NE quarter;
Collector: W. W. Patton, 1953. Field Identifier: 53APa433.

Map Locality Number: 251; USGS Mesozoic Locality: 24687.
Alaska, Melozitna (D-3) 1:63360 quadrangle.
Koyukuk River at Indian River. Elevation 400ft (122m).
Latitude: 65° 51.50' N; Longitude: 154° 23.20' W;
Township: 5N; Range: 21W; Section: 2; NE quarter;
Collector: W. W. Patton, 1953. Field Identifier: 53APa436.

Map Locality Number: 252; USGS Mesozoic Locality: 24685.
Alaska, Hughes (A-3) 1:63360 quadrangle.
Koyukuk River, 4 mi. downstream from Hughes. Elevation 300ft (91m).
Latitude: 66° 7.50' N; Longitude: 154° 19.40' W;
Township: 7N; Range: 22E; Section: 18; NW quarter;
Collector: W. W. Patton, 1953. Field Identifier: 53APa422.

Map Locality Number: 252; USGS Mesozoic Locality: M1788.
Alaska, Hughes (A-3) 1:63360 quadrangle.
Koyukuk River, 4 mi. downstream from Hughes. Elevation 300ft (91m).
Latitude: 66° 7.50' N; Longitude: 154° 19.40' W;
Township: 7N; Range: 22E; Section: 18; NW quarter;
Collector: W. W. Patton, 1962. Field Identifier: 62APa309.

Map Locality Number: 252; USGS Mesozoic Locality: M7834.
Alaska, Hughes (A-3) 1:63360 quadrangle.
West bank of Koyukuk River. Elevation 400ft (122m).
Latitude: 66° .50' N; Longitude: 154° 19.20' W;
Township: 7N; Range: 22E; Section: 18; SE/NW quarter;
Collector: W. W. Patton, 1983. Field Identifier: 83CC116H.

Map Locality Number: 253; USGS Mesozoic Locality: M7835.
Alaska, Hughes (A-3) 1:63360 quadrangle.
North bank of Hughes Creek. Elevation 400ft (122m).
Latitude: 66° 7.25' N; Longitude: 154° 19.10' W;
Township: 8N; Range: 22E; Section: 6; NE/SW quarter;
Collector: Steve Box, 1983. Field Identifier: 83SB104B.

Map Locality Number: 253; USGS Mesozoic Locality: M7836.
Alaska, Hughes (A-3) 1:63360 quadrangle.
NW bank of Hughes Creek. Elevation 400ft (122m).
Latitude: 66° 9.00' N; Longitude: 154° 29.10' W;
Township: 9N; Range: 20E; Section: 25; NE/SE quarter;
Collector: W. W. Patton, 1983. Field Identifier: 83CC109B.

Map Locality Number: 254; USGS Mesozoic Locality: 24684.
Alaska, Hughes (A-3) 1:63360 quadrangle.
Koyukuk River, 3 mi. upstream from Hughes. Elevation 300ft (91m).
Latitude: 66° 5.00' N; Longitude: 154° 13.00' W;
Township: 8N; Range: 22W; Section: 2; SW quarter;
Collector: W. W. Patton, 1953. Field Identifier: 53APa401.

Map Locality Number: 254; USGS Mesozoic Locality: M1786.
Alaska, Hughes (A-3) 1:63360 quadrangle.
Koyukuk River, 3 mi. upstream from Hughes. Elevation 300ft (91m).
Latitude: 66° 5.00' N; Longitude: 154° 13.00' W;
Township: 8N; Range: 22W; Section: 2; SW quarter;
Collector: W. W. Patton, 1962. Field Identifier: 62APa304.

Map Locality Number: 254; USGS Mesozoic Locality: M1787.
Alaska, Hughes (A-3) 1:63360 quadrangle.
Koyukuk River, 2.5 mi. upstream from Hughes. Elevation 300ft (91m).
Latitude: 66° 4.50' N; Longitude: 154° 13.50' W;
Township: 8N; Range: 22W; Section: 27; NW quarter;
Collector: W. W. Patton, 1962. Field Identifier: 62APa305.

Map Locality Number: 255; USGS Mesozoic Locality: 24682.
Alaska, Hughes (B-3) 1:63360 quadrangle.
Koyukuk River, 16 mi. upstream from Hughes. Elevation 300ft (91m).
Latitude: 66° 15.50' N; Longitude: 154° 3.00' W;
Township: 10N; Range: 23W; Section: 19; NW quarter;
Collector: W. W. Patton, 1953. Field Identifier: 53APa384.

Map Locality Number: 255; USGS Mesozoic Locality: 24683.
Alaska, Hughes (B-3) 1:63360 quadrangle.
Koyukuk River, 16 mi. upstream from Hughes. Elevation 300ft (91m).
Latitude: 66° 15.50' N; Longitude: 154° 3.00' W;
Township: 10N; Range: 23W; Section: 19; NW quarter;
Collector: W. W. Patton, 1953. Field Identifier: 53APa385.

Map Locality Number: 255; USGS Mesozoic Locality: M1785.
Alaska, Hughes (B-3) 1:63360 quadrangle.
Koyukuk River, 16 mi. upstream from Hughes. Elevation 300ft (91m).
Latitude: 66° 15.50' N; Longitude: 154° 3.00' W;
Township: 10N; Range: 23W; Section: 19; NW quarter;
Collector: W. W. Patton, 1962. Field Identifier: 62APa301.

Map Locality Number: 255; USGS Mesozoic Locality: M7833.
Alaska, Hughes (B-3) 1:63360 quadrangle.
Koyukuk River, south of Waite Island. Elevation 400ft (122m).
Latitude: 66° 15.40' N; Longitude: 154° 3.10' W;
Township: 10N; Range: 23E; Section: 19; NE quarter;
Collector: Steve Box, 1983. Field Identifier: 83SB119.

Map Locality Number: 256; USGS Mesozoic Locality: M2068.
Alaska, Hughes (A-3) 1:63360 quadrangle.
Hughes Creek. Elevation 1000ft (305m).
Latitude: 66° 10.85' N; Longitude: 154° 24.70' W;
Township: 9N; Range: 21E; Section: 17; SE quarter;
Collector: T. P. Miller, 1963. Field Identifier: 63AMm276A.

Map Locality Number: 256; USGS Mesozoic Locality: M2069.
Alaska, Hughes (A-3) 1:63360 quadrangle.
Hughes Creek. Elevation 800ft (244m).
Latitude: 66° 11.15' N; Longitude: 154° 24.00' W;
Township: 9N; Range: 21E; Section: 9; SW quarter;
Collector: T. P. Miller, 1963. Field Identifier: 63AMm276.

Map Locality Number: 256; USGS Mesozoic Locality: M2070.
Alaska, Hughes (A-3) 1:63360 quadrangle.
Hughes Creek. Elevation 800ft (244m).
Latitude: 66° 11.15' N; Longitude: 154° 24.00' W;
Township: 9N; Range: 21E; Section: 9; SW quarter;
Collector: T. P. Miller, 1963. Field Identifier: 63AMm278.

Map Locality Number: 257; USGS Mesozoic Locality: M2075.
Alaska, Melozitna (D-4) 1:63360 quadrangle.
Isahultila Mountains. Elevation 2100ft (640m).
Latitude: 65° 59.40' N; Longitude: 154° 49.33' W;
Township: 7N; Range: 19E; Section: 23; SE quarter;
Collector: W. W. Patton, 1963. Field Identifier: 63Apa212.

Map Locality Number: 258; USGS Mesozoic Locality: 26008.
Alaska, Lake Clark 1956 1:250000 quadrangle.
Locality data too poor for precise relocation. Mulchatna River. Elevation 1200ft (366m).
Latitude: 60° 33.50' N; Longitude: 155° 38.00' W;
Collector: R. P. Ottenstein, 1955. Field Identifier: RPO-6.

Map Locality Number: 259; USGS Mesozoic Locality: 7823.
Alaska, Ophir (C-1) 1:63360 quadrangle.
Ridge north of Folger Creek. Data too poor for precise relocation. Elevation 1200ft (366m).
Latitude: 63° 30.00' N; Longitude: 156° 16.00' W;
Township: 23S; Range: 13W; Section: 13; NW quarter;
Collector: H. M. Eakin, 1912. Field Identifier: 12AE3.

Map Locality Number: 260; USGS Mesozoic Locality: M7768.
Alaska, Lake Clark (B-3) 1:63360 quadrangle.
Ridge northeast of Portage Creek. Elevation 4000ft (1220m).
Latitude: 60° 24.25' N; Longitude: 153° 48.30' W;
Township: 4N; Range: 27W; Section: 28; Center S half;
Collector: Wes Wallace, 1982. Field Identifier: 82BB242.

Map Locality Number: 261; USGS Mesozoic Locality: M8635.
Alaska, Bethel (D-2) 1:63360 quadrangle.
Sandstone in saddle at 2450', 1/3 mi. SW on ridge from Peak 3014'. Elevation 2450ft (747m).
Latitude: 60° 57.67' N; Longitude: 159° 44.00' W;
Township: 10N; Range: 59W; Section: 15; NW/NW quarter;
Collector: John Murphy, 1988. Field Identifier: 88AJM202B.

Map Locality Number: 262; USGS Mesozoic Locality: M2959.
Alaska, Shugnak (C-1) 1:63360 quadrangle.
North of Zane Pass. Elevation 1500ft (457m).
Latitude: 66° 31.40' N; Longitude: 156° 32.50' W;
Collector: T. P. Miller, 1965. Field Identifier: 65AMm69.

Map Locality Number: 262; USGS Mesozoic Locality: M2960.
Alaska, Shugnak (C-1) 1:63360 quadrangle.
North of Zane Pass. Elevation 1500ft (457m).
Latitude: 66° 31.40' N; Longitude: 156° 30.30' W;
Collector: T. P. Miller, 1965. Field Identifier: 65AMm71.

Map Locality Number: 262; USGS Mesozoic Locality: M2961.
Alaska, Shugnak (C-1) 1:63360 quadrangle.
North of Zane Pass. Elevation 1500ft (457m).
Latitude: 66° 31.40' N; Longitude: 156° 30.30' W;
Collector: T. P. Miller, 1965. Field Identifier: 65AMm72.

Map Locality Number: 263; USGS Mesozoic Locality: 2681.
Alaska, Nulato (D-4) 1:63360 quadrangle.
Yukon River bank east of Big Island. Elevation 400ft (122m).
Latitude: 64° 45.30' N; Longitude: 157° 10.00' W;
Township: 8S; Range: 5E; Section: 32; NW quarter;
Collector: A. J. Collier, 1902. Field Identifier: 02AC252.

Map Locality Number: 264; USGS Mesozoic Locality: M7692.
Alaska, Goodnews Bay (C-5) 1:63360 quadrangle.
Kanektok River. Elevation 450ft (137m).
Latitude: 59° 44.00' N; Longitude: 160° 55.00' W;
Township: 5S; Range: 69W; Section: 20; E central section;
Collector: Steve Box, 1982. Field Identifier: 82SB129.

Map Locality Number: 265; USGS Mesozoic Locality: 26247.
Alaska, Ophir (D-6) 1:63360 quadrangle.
North of Quail Island, W bank of Yukon River. Elevation 100ft (30m).
Latitude: 63° 55.80' N; Longitude: 158° 27.40' W;
Township: 18S; Range: 1W; Section: 18; NW quarter;
Collector: W. W. Patton, 1956. Field Identifier: 56APa170.

Map Locality Number: 266; USGS Mesozoic Locality: 26248.
Alaska, Unalakleet (D-1) 1:63360 quadrangle.
South of Quail Island, E bank of Yukon River. Elevation 100ft (30m).
Latitude: 64° 51.30' N; Longitude: 159° 9.30' W;
Township: 18S; Range: 2W; Section: 8; SW quarter;
Collector: W. W. Patton, 1956. Field Identifier: 56APa174.

Map Locality Number: 267; USGS Mesozoic Locality: M8666.
Alaska, Russian Mission (A-2) 1:63360 quadrangle.
Two miles N of Dominion Creek. Elevation 1,500ft (457m).
Latitude: 60° 2.57' N, longitude: 159° 35.30' W.
Township: 11N; Range: 58W; Section 16, SW quarter;
Collector: Barret Cievtat, 1989. Field Identifier: 9-338.

Map Locality Number: 268; USGS Mesozoic Locality: M1780.
Alaska, Unalakleet (B-3) 1:63360 quadrangle.
Anvik River. Elevation 600ft (183m).
Latitude: 63° 17.50' N; Longitude: 160° 41.40' W;
Township: 25S; Range: 11W; Section: 27; Middle;
Collector: A. R. Tagg, 1962. Field Identifier: 62ATg101.

Map Locality Number: 269; USGS Mesozoic Locality: 20716.

Alaska, Bethel (D-3) 1:63360 quadrangle.

Dredge tailing 50 m S of Tuluksak River across from bluffs. Elevation 350ft (107m).

Latitude: 60° 58.95' N; Longitude: 160° 3.08' W;

Township: 10N; Range: 61W; Section: 2; NE/SW quarter;

Collector: J. Hoare, 1946. Field Identifier: 46AHR64.