

• 65 Location of fossil collection—Locations 1-30 are approximate; numbers refer to collections listed in Table 1  
B-2 1:63,300-scale (1"=1 mile) topographic quadrangle

- EXPLANATION OF SYMBOLS FOR FOSSIL LOCATION MAP**
- EXPLANATION OF GEOLOGIC BASE MAP**
- LIST OF MAP UNITS**
- Quaternary Surficial Deposits**
- Qa Alluvium (Holocene)
  - Qt Terrace deposits (Holocene and Pleistocene)
  - Ql Loess? (Pleistocene)
- Tertiary and Cretaceous Sedimentary Rocks**
- TKs Sandstone, conglomerate, and mudstone (lower Tertiary and Upper Cretaceous)
- Mesozoic Sedimentary Rocks**
- Kaa Kadiak Group (Lower Cretaceous)
  - Kab Kadiak Group (Lower Cretaceous)
  - Kb Biederman Argillite (Lower Cretaceous)
  - Kk Keenan Quartzite (Lower Cretaceous)
  - ka Argillite (Lower Cretaceous)
  - Gls Glenn Shale (Lower Cretaceous to Middle Triassic)
  - Uj Upper part (Lower Cretaceous and Jurassic)
  - Lj Lower part (Upper and Middle Triassic)
- Mesozoic and/or Paleozoic Metamorphic Rocks**
- MpMm Metamorphic rocks, undivided (Mesozoic and/or Paleozoic)
- Paleozoic Sedimentary Rocks**
- Pt Tabikandil Limestone (Permian)
  - Pc Step Conglomerate (Permian)
  - Pal Limestone
  - FMcb Calico Bluff Formation (Lower Pennsylvanian and Upper Mississippian)
  - MDr Ford Lake Shale (Upper Mississippian to Upper Devonian)
  - NDR Nelson River Formation (Upper Devonian)
  - Dm McCann Hill Chert (Upper to Lower Devonian)
  - Do Ogilvie Formation of Cough (1980) (Middle and Lower Devonian)
  - ODR Road River Formation (Lower Devonian to Lower Ordovician)
  - OCr Jones Ridge Formation (Upper or Middle Ordovician to Lower Cambrian)
  - OCh Hilland Limestone (Lower Ordovician to Lower Cambrian)
  - Ca Adams Argillite (Lower Cambrian)
  - Cf Funnell Creek Limestone (Lower Cambrian)
- Cambrian(?) and Precambrian Sedimentary and Igneous Rocks**
- Tindir Group (Lower Cambrian to Middle Proterozoic)
  - Uj Upper part, undivided (Lower Cambrian? and Late Proterozoic)
  - CZju Quartzite (Lower Cambrian? and Late Proterozoic)
  - Lj Limestone and quartzite (Lower Cambrian? and Late Proterozoic)
  - CZja Quartzite and argillite (Lower Cambrian? and Late Proterozoic)
  - CZrb Red beds and quartzite (Lower Cambrian? and Late Proterozoic)
  - CZjh Basalt and sedimentary rocks of Washingtons Creek (Lower Cambrian? and Late Proterozoic)
  - Zal Dolomite and limestone (Late Proterozoic)
  - Zal Shale
  - Zl Laminated limestone (Late Proterozoic)
  - Zlc Limestone and conglomeratic rocks (Late Proterozoic)
  - Zla Dolomite (Late Proterozoic)
  - Zls Limestone (Late Proterozoic)
  - Zlr Basalt and red beds, undivided (Late Proterozoic)
  - Zr Red beds
  - Zb Basalt
  - Zbh Basalt and argillite (Late Proterozoic)
  - Zbc Basalt and clastic rocks (Late Proterozoic)
  - Zlp Lower part
  - Ysh Shale and aluminite (Middle Proterozoic)
  - Yul Stomatolitic limestone (Middle Proterozoic)

- Contact—Quarried where uncertain
- Bedding trace or marker bed
- High-angle fault (including listric normal fault)—Dashed where approximately located, dotted where concealed, queried where uncertain. Bar and ball on downthrown side
- Thrust fault—Dashed where approximately located, dotted where concealed, queried where uncertain. Sawtooth on upper plate
- Landslide—Hashmarks point into slide mass
- Strike and dip of beds—Ball indicates stratigraphic top as determined from sedimentary features
- Inclined
- Horizontal
- Vertical
- Overturned
- Determined from aerial photographs or estimated from a distance
- Strike and dip of inclined axial plane cleavage
- Major fold axis—Shows direction of plunge where known; dotted where concealed
- Anticline
- Overturned anticline
- Syncline
- Overturned syncline
- Minor fold axis—Shows direction of plunge where known
- Anticline
- Syncline
- Overturned
- Crenulations or group of minor folds

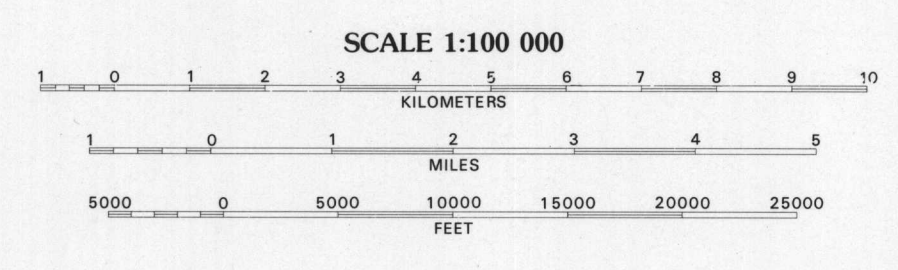
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Base from U.S. Geological Survey 1:63,300  
Charley River A-1, 2, 3; B-1, 2, 3; C-1, 2, 1956  
Universal Transverse Mercator projection



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**FOSSIL LOCALITY MAP AND FOSSIL DATA FOR THE SOUTHEASTERN CHARLEY RIVER QUADRANGLE, EAST-CENTRAL ALASKA**

By  
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1990

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