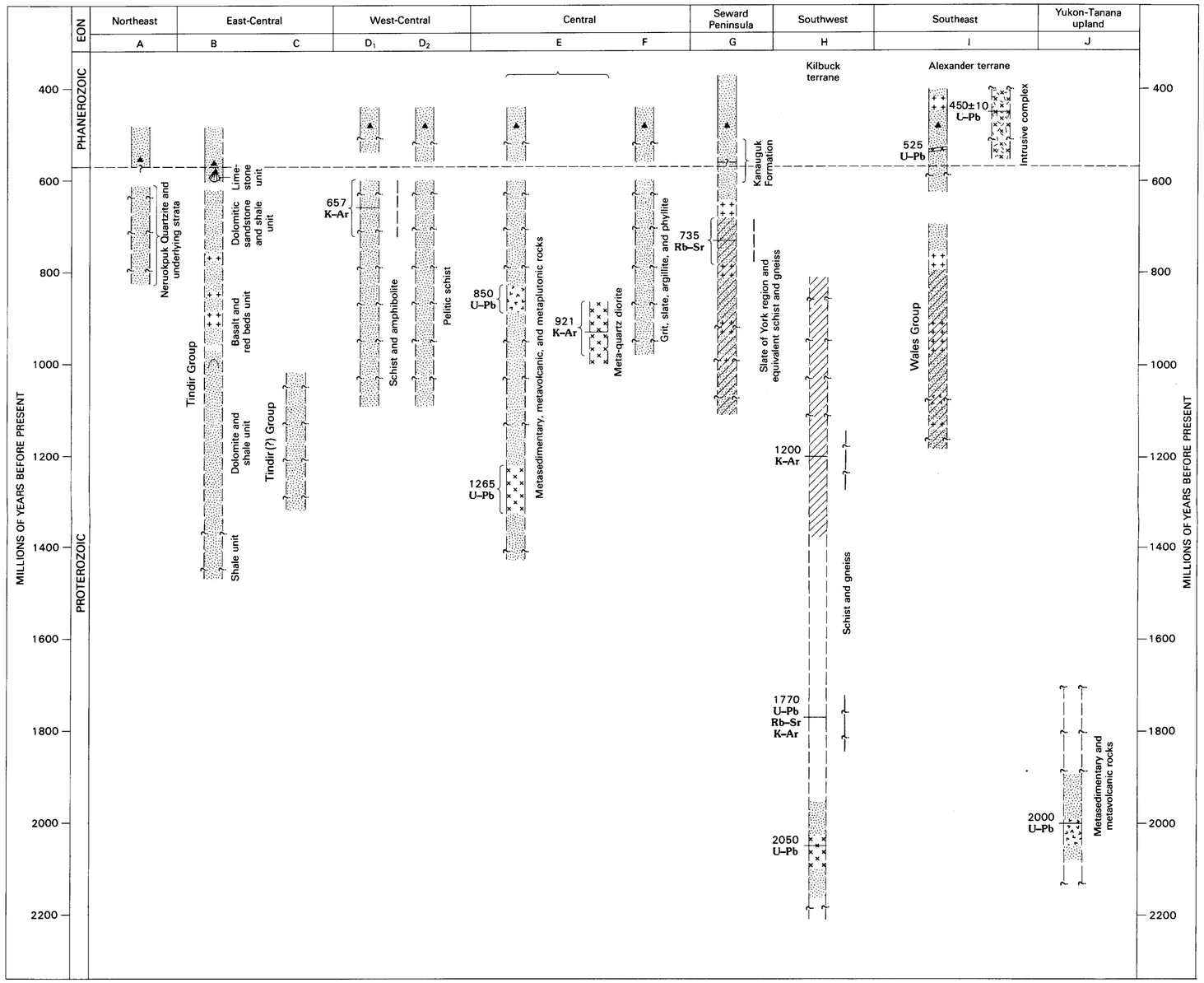


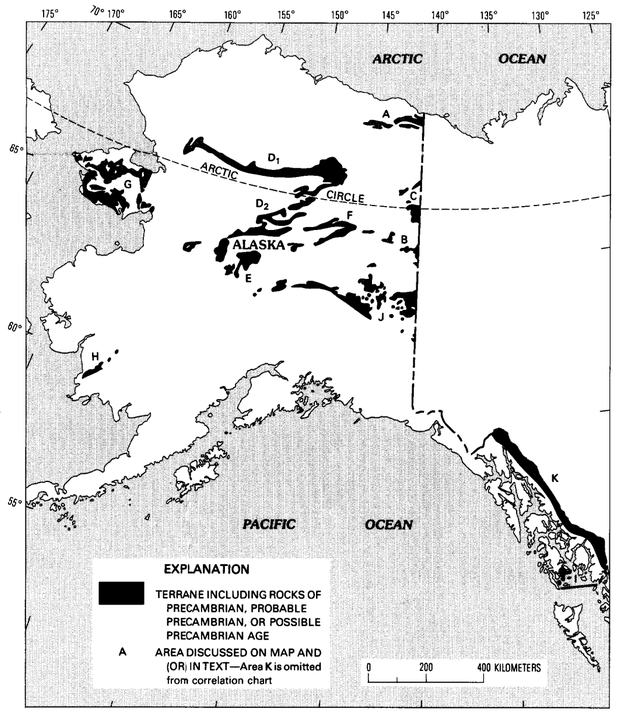
Compiled by G. D. Eberlein and M. A. Lanphere, 1976–1985

EXPLANATION

Note: Lithologic symbols may be combined

- SEDIMENTARY ROCKS—Includes low-grade (greenschist facies) metamorphic rocks where appropriate
- FELSIC VOLCANIC ROCKS
- MAFIC VOLCANIC ROCKS
- FELSIC INTRUSIVE ROCKS
- MAFIC INTRUSIVE ROCKS
- AMPHIBOLITE FACIES OR HIGHER GRADE METAMORPHIC ROCKS
- AGE OF ROCK BODY FALLS WITHIN RANGE SHOWN—May not represent a single or continuous rock-forming event
- AGE OF ROCK BODY PROBABLY FALLS WITHIN RANGE SHOWN—Isotopic ages, if available, do not define sharp age limits; queries indicate uncertainty in limit shown
- AGE OF ROCK BODY UNCERTAIN, MAY EXTEND BEYOND RANGE SHOWN—Rock body placed on chart by homotaxial correlation or use of nondefinitive isotopic data
- FIRST APPEARANCE OF SHELLY OR TRACE FOSSIL
- MICROFOSSIL
- STROMATOLITES
- METAMORPHIC EVENT PROBABLY FALLS WITHIN RANGE SHOWN[1]—Queries indicate greater uncertainty
- 921 K-Ar — AGE IN MILLIONS OF YEARS DETERMINED RADIOMETRICALLY BY METHOD INDICATED—**K-Ar**, potassium-argon; **U-Pb**, uranium-lead; **Rb-Sr**, rubidium-strontium; brace shows uncertainty

[1]Symbol applies only to column to left of symbol in a given subarea



CORRELATION CHART FOR PRECAMBRIAN ROCKS OF ALASKA