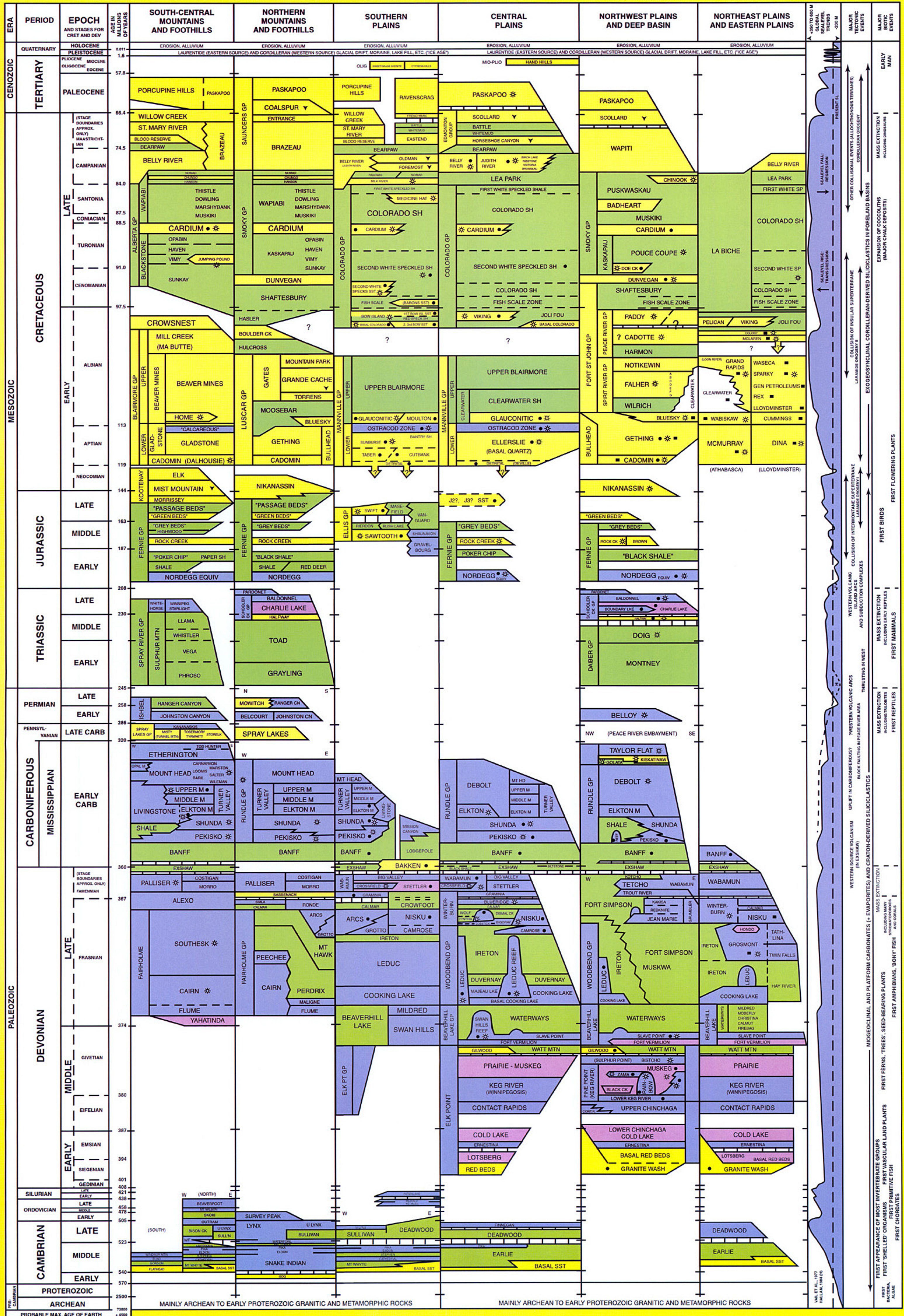


TABLE OF FORMATIONS OF ALBERTA

APEGGA Registered
SCC/CAEAL Accredited - AIHA Accredited - ISO 9002



SANDSTONE
SHALE, "BASINAL" CARBONATES, SILTS
CARBONATE, LIMESTONE, DOLOMITE
EVAPORITE, ANHYDRITE, HALITE

• OIL
■ HEAVY OIL (MAJOR)
* GAS
▼ COAL (MAJOR)

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This stratigraphic chart is based on the Table of Formations produced by the Energy Resources Conservation Board of Alberta. For industry conformity, it retains the six major geomorphic subdivisions of Alberta used by the ERCB. The chart has been updated where possible to the latest revisions by the Geological Survey of Canada. Some of these changes are controversial, and subject to alternative interpretations. The shift in the position of the Middle-Upper Devonian boundary is based on a new international convention, and is currently being adopted by the industry. The epochs, stages (Cretaceous and Devonian only), and radiometric ages added at the left are for interest and possible debate. Absolute Age: The absolute time scale in millions of years at left uses the ages adopted by the Geological Society of America in 1963 for the Decade of North American Geology (DNAG) publication series. Error ranges are not shown. Global Sealevel: The global sealevel plot at right is modified from Vail et al (1977) and Hallam (1984); because the absolute ages adopted for DNAG do not match Vail's base, the plot must be considered an approximation only. We express our thanks to the ERCB for the inspiration for this chart, and to geologists at the Institute of Sedimentary and Petroleum Geology of the GSC and other industry geologists who contributed their knowledge to this chart. We solicit and welcome comment and critiques of the chart; a second edition is planned. Vail, P.R. et al, 1977, AAPG Mem. 26, edit. Payton, C.E., p. 83-97. Hallam, A., 1984 Ann. Rev. Earth Planet. Sci., v. 12, p. 205-243.