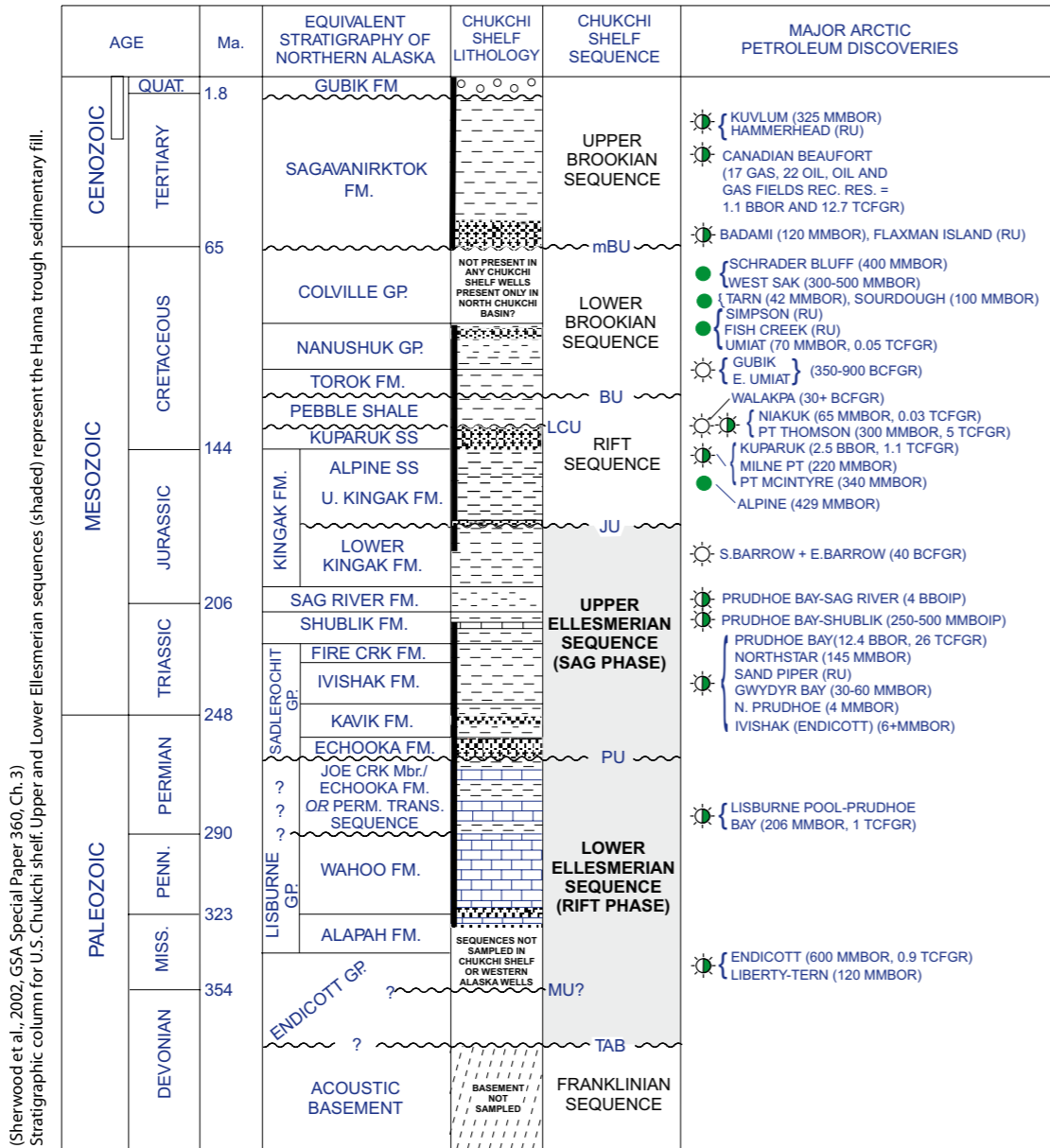


U.S. Chukchi shelf stratigraphic column

Russian Northern Chukchi shelf inferred stratigraphic column



EXPLANATION

MBU: MID-BROOKIAN UNCONFORMITY		SANDSTONE		OIL FIELD (RESERVES)
BU: BROOKIAN UNCONFORMITY		CONGLOMERATE		GAS FIELD (RESERVES)
LCU: LOWER CRETACEOUS UNCONFORMITY		SHALE		OIL AND GAS FIELDS (RESERVES)
JU: JURASSIC UNCONFORMITY		SILTSTONE		
PU: PERMIAN UNCONFORMITY		LIMESTONE		
MU: MISSISSIPPIAN (?) UNCONFORMITY		INFERRED METAMORPHIC/IGNEOUS		
TAB: TOP OF ACOUSTIC BASEMENT				

MMBOR: MILLIONS OF BARRELS OF OIL, RECOVERAB
 MMBOIP: MILLIONS OF BARRELS OF OIL, IN PLACE
 BBOR: BILLIONS OF BARRELS OF OIL, RECOVERABLE
 BBOIP: BILLIONS OF BARRELS OF OIL, IN PLACE
 BCFGR: BILLION CUBIC FEET OF GAS, RECOVERABLE
 TCFGR: TRILLION CUBIC FEET OF GAS, RECOVERABL
 RU: RESERVES UNKNOWN

ABSOLUTE TIME FROM PALMER (1998); RESERVES FROM ALASKA DIVISION OF OIL AND GAS (1998) AND NEWS SOURCES AS OF DECEMBER 1999

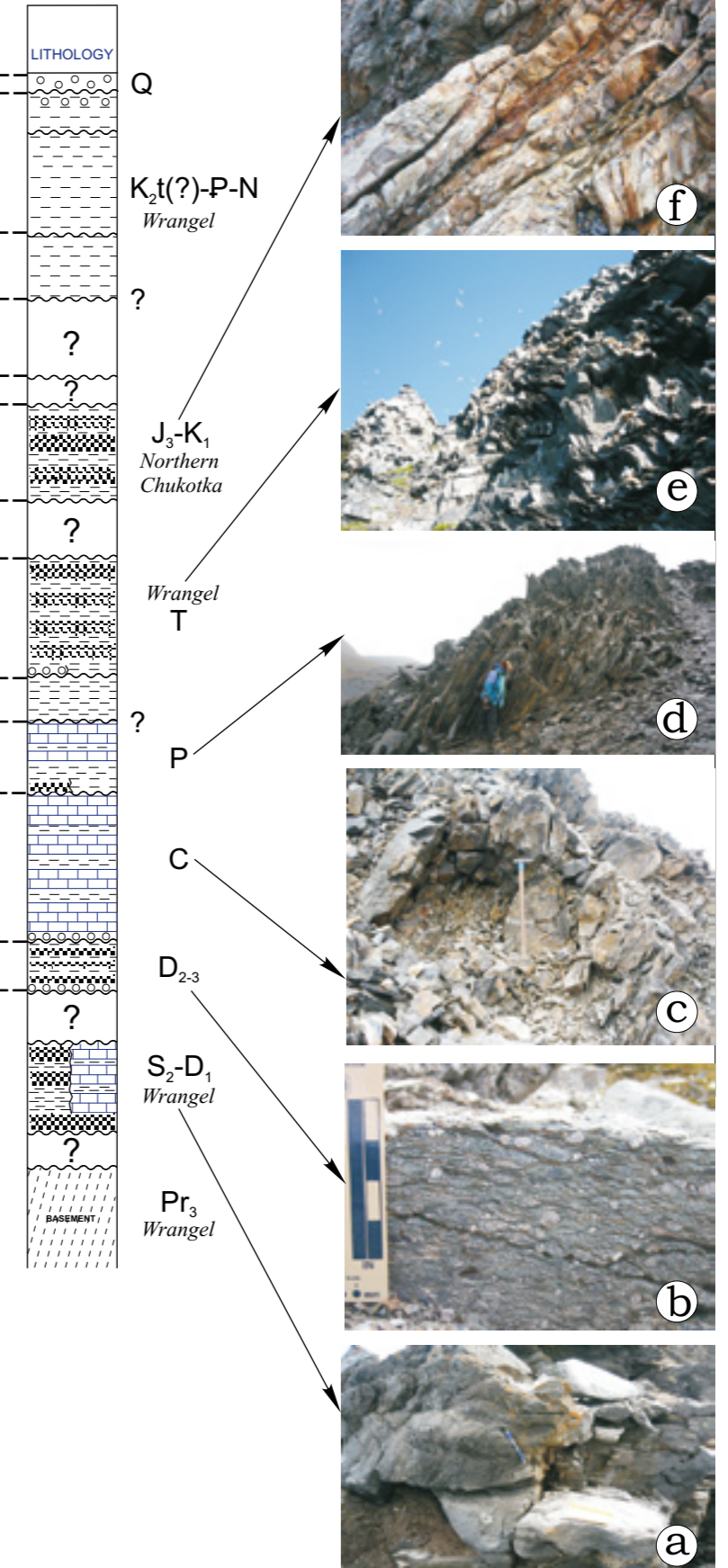


Illustration: Vladimir Verzhbitsky