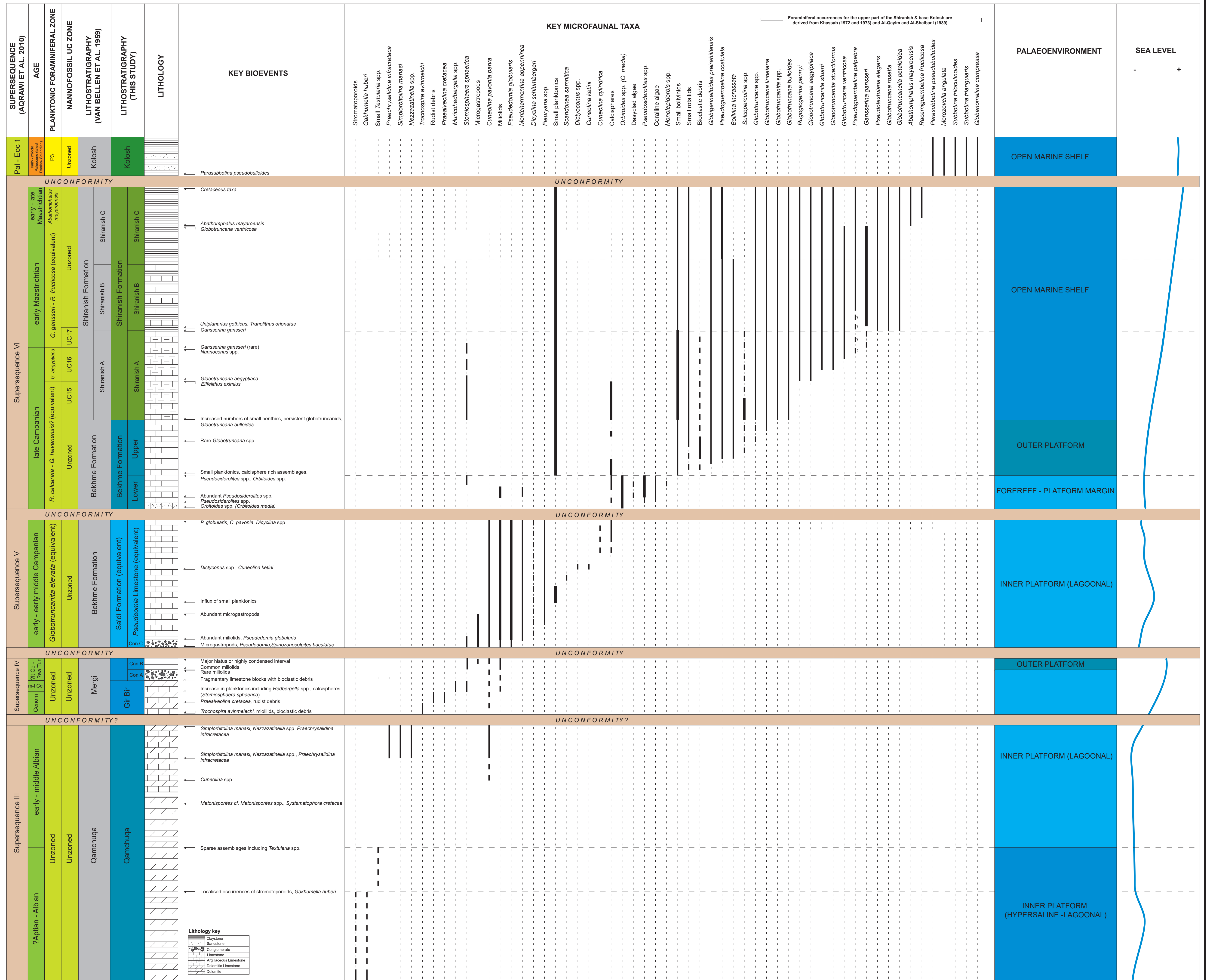


SUPPLEMENTAL FIGURE 6. STRATIGRAPHIC MODEL FOR THE CRETACEOUS (APTIAN - MAASTRICHTIAN) - BASAL PALEOGENE OF SHIRANISH ISLAM



SUPERSEQUENCE (AGRAWI ET AL. 2010)		AGE		PLANKTONIC FORAMINIFERAL ZONE		NANNOFOSSIL UC ZONE		LITHOSTRATIGRAPHY (VAN BELLEN ET AL. 1959)		LITHOSTRATIGRAPHY (THIS STUDY)		LITHOLOGY		KEY BIOEVENTS		KEY MICROFAUNAL TAXA		Foraminiferal occurrences for the upper part of the Shiranish & base Kolosh are derived from Khassab (1972 and 1973) and Al-Qayim and Al-Shalbani (1989)		PALAEOENVIRONMENT		SEA LEVEL	
Pal - Eoc 1		early - middle Pliocene (latest Danian - Selandian)		P3		Unzoned		Kolosh		Kolosh								OPEN MARINE SHELF					
UNCONFORMITY																							
Supersequence VI		early - late Maastirichtian Abathophthalmus mayaroensis		early Maastirichtian		G. gansseri - R. fructuosa (equivalent)		Unzoned		Shiranish Formation		Shiranish C						OPEN MARINE SHELF					
				G. gansseri - R. fructuosa (equivalent)		Unzoned		Shiranish Formation		Shiranish B		Shiranish C											
		G. aegyptiaca		UC17		Shiranish A		Shiranish B		Shiranish C													
		UC16		Shiranish A		Shiranish B		Shiranish C															
		UC15		Shiranish A		Shiranish B		Shiranish C															
late Campanian		R. calcarata - G. havanensis? (equivalent)		Unzoned		Bekhme Formation		Bekhme Formation		Lower				OUTER PLATFORM									
		Unzoned		Upper		Upper																	
early - middle Campanian		G. calcarata - G. havanensis? (equivalent)		Unzoned		Bekhme Formation		Bekhme Formation		Lower				FOREREEF - PLATFORM MARGIN									
		Unzoned		Upper		Upper																	
UNCONFORMITY																							
Supersequence V		early - early middle Campanian		G. calcarata - G. havanensis? (equivalent)		Unzoned		Bekhme Formation		Sa di Formation (equivalent)				INNER PLATFORM (LAGOONAL)									
		G. calcarata - G. havanensis? (equivalent)		Unzoned		Sa di Formation (equivalent)		Sa di Formation (equivalent)															
early - early middle Campanian		G. calcarata - G. havanensis? (equivalent)		Unzoned		Bekhme Formation		Sa di Formation (equivalent)		Sa di Formation (equivalent)													
		G. calcarata - G. havanensis? (equivalent)		Unzoned		Sa di Formation (equivalent)		Sa di Formation (equivalent)															
UNCONFORMITY																							
Supersequence IV		early - early middle Campanian		G. calcarata - G. havanensis? (equivalent)		Unzoned		Bekhme Formation		Sa di Formation (equivalent)				OUTER PLATFORM									
		G. calcarata - G. havanensis? (equivalent)		Unzoned		Sa di Formation (equivalent)		Sa di Formation (equivalent)															
UNCONFORMITY?																							
Supersequence III		early - middle Albian		Unzoned		Qamchuqa		Qamchuqa		Qamchuqa				INNER PLATFORM (LAGOONAL)									
		Unzoned		Qamchuqa		Qamchuqa		Qamchuqa															
early - middle Albian		Unzoned		Qamchuqa		Qamchuqa		Qamchuqa		Qamchuqa				INNER PLATFORM (HYPER-SALINE -LAGOONAL)									
		Unzoned		Qamchuqa		Qamchuqa		Qamchuqa		Qamchuqa													