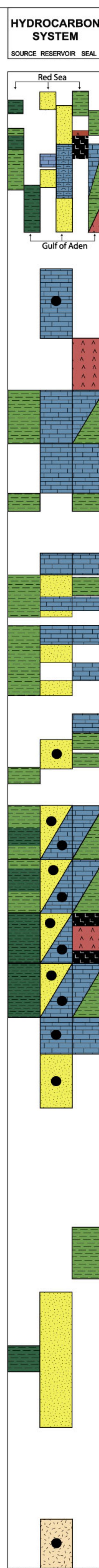
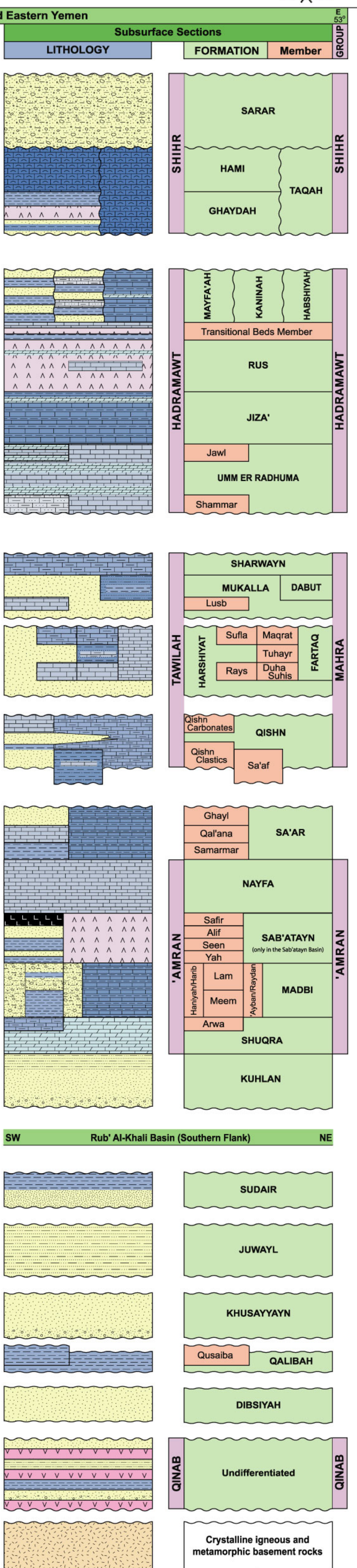
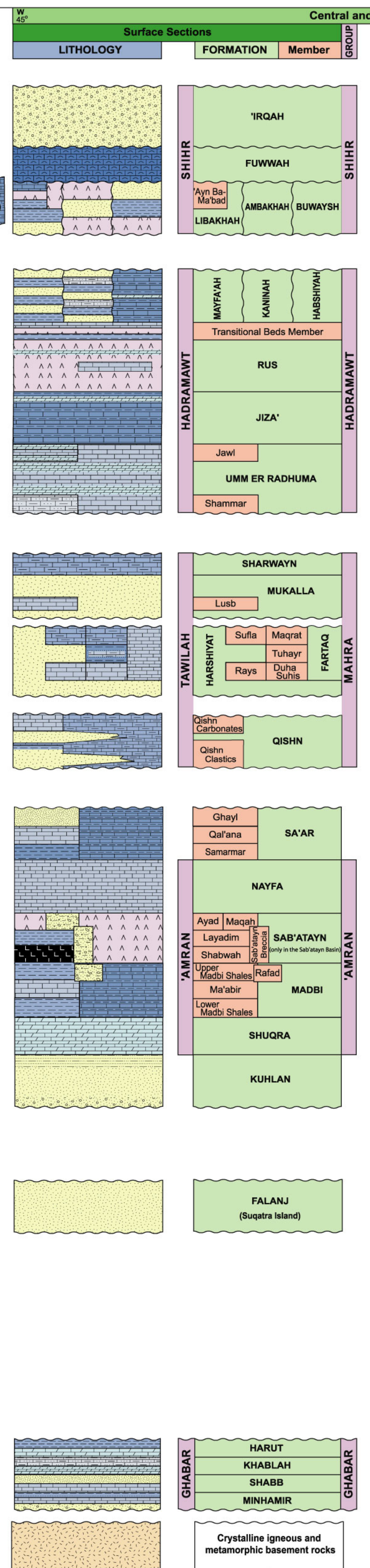
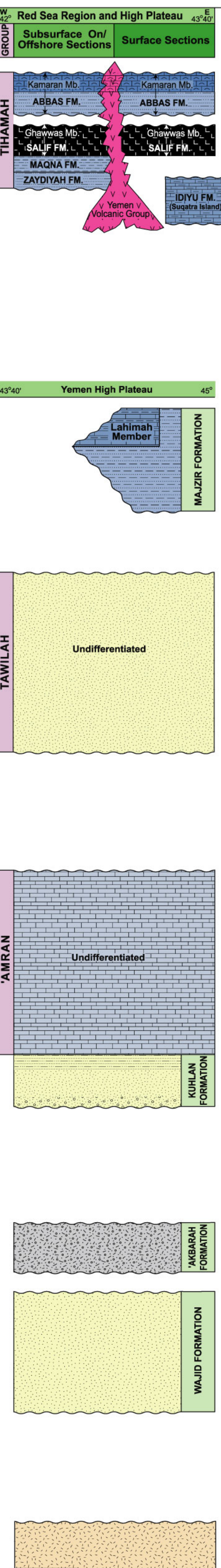


Epoch	System / Period	Series / Epoch	Stage / Age	Ages Ma	Stage Notation		
Cenozoic	Neogene	Quaternary	Holocene	0.0118			
			Pleistocene	1.806			
		Neogene	Pliocene	Gelasian	2.588	np	
				Piacenzian	3.600	np	
			Miocene	Zanclean	5.332	nz	
				Messinian	7.246	ms	
				Tortonian	11.608	nt	
				Serravallian	13.65	ns	
				Langhian	15.97	nl	
				Burdigalian	20.43	nb	
Paleogene	Oligocene	Aquitanian	23.03	ni			
		Chattian	28.4±0.1	eo			
	Eocene	Rupelian	33.9±0.1	er			
		Lutetian	48.6±0.2	es			
	Paleocene	Priabonian	37.2±0.1	ep			
		Bartonian	40.4±0.2	ec			
		Eocene	Ypresian	55.8±0.2	ey		
			Thanetian	58.7±0.2	et		
		Oligocene	Selandian	61.7±0.2	el		
			Danian	65.5±0.3	ed		
Cretaceous		Upper	Maastrichtian	70.6±0.6	ku		
			Campanian	83.5±0.7	ks		
	Santonian		85.8±0.7	kt			
	Coniacian		89.3±0.1	kc			
	Turonian		93.5±0.8	kt			
	Lower	Cenomanian	99.6±0.9	kl			
		Albian	112.0±0.1	bc			
		Aptian	125.0±0.1	bs			
		Barremian	130.0±1.5	ba			
		Hauterivian	136.4±2.0	bs			
Mesozoic	Upper	Valanginian	140.2±3.0	bz			
		Berriasian	145.5±4.0	br			
		Tithonian	Tithonian	150.8±4.0	jt		
			Kimmeridgian	155.7±4.0	jk		
			Oxfordian	161.2±4.0	jo		
	Middle	Callovian	164.7±4.0	jk			
		Bathonian	167.7±3.5	js			
		Bajocian	171.7±3.0	jj			
		Aalenian	175.6±2.0	ji			
		Toarcian	183.0±1.5	ia			
Lower	Pliensbachian	189.6±1.5	ib				
	Sinemurian	196.5±1.0	il				
	Hettangian	199.6±0.6	ih				
	Triassic	251.0±0.4					
	Permian	299.0±0.8					
Paleozoic	Carboniferous	Devonian	Silurian	Ordovician	Cambrian		
						Carboniferous	359.2±2.5
						Devonian	416.0±2.8
						Silurian	443.7±1.5
						Ordovician	488.3±1.7
Cambrian	542.0±1.0						
Precambrian							



The International Stratigraphic Chart is adopted from the publication of the International Commission on Stratigraphy (ICS) of the International Union of Geological Sciences (IUGS), 2006.

This chart illustrates the formal names of the lithostratigraphic units in the surface and subsurface sections used in Yemen and demonstrates the unified nomenclature scheme of Yemen stratigraphy (the used pattern of the geological formations and members represents only the major lithologies)

**Legend:**

Conglomerate	Shale	Limestone	Reefal limestone	Volcanic rocks (Upper Oligocene/Recent)	<b>SOURCE ROCKS</b>	<b>RESERVOIR ROCKS</b>	<b>SEAL</b>
Sandstone	Shale / Sandy shale	Limestone / Dolomite	Gypsum / Anhydrite	Volcanic rocks (Infra-Cambrian)	Proven source	Carbonate reservoir	Carbonate seal
Sandstone / Sandy shale	Shale / Sandstone	Limestone / Shale	Salt	Basement (Precambrian)	Potential source	Clastic reservoir	Mudstone seal
Turbidite / Breccia	Limestone / Shale / Sandstone	Marly limestone	Glacial deposits	Unconformity		Fractured basement reservoir	Evaporites seal

This chart is compiled after Beydoun et al. (1996, 1998); Beydoun and As-Saruri (1998); As-Saruri and Beydoun (1998); As-Saruri et al. (1998, 1999, 2006); As-Saruri and Sorkhabi (2006); and As-Saruri (1998, 1999).

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