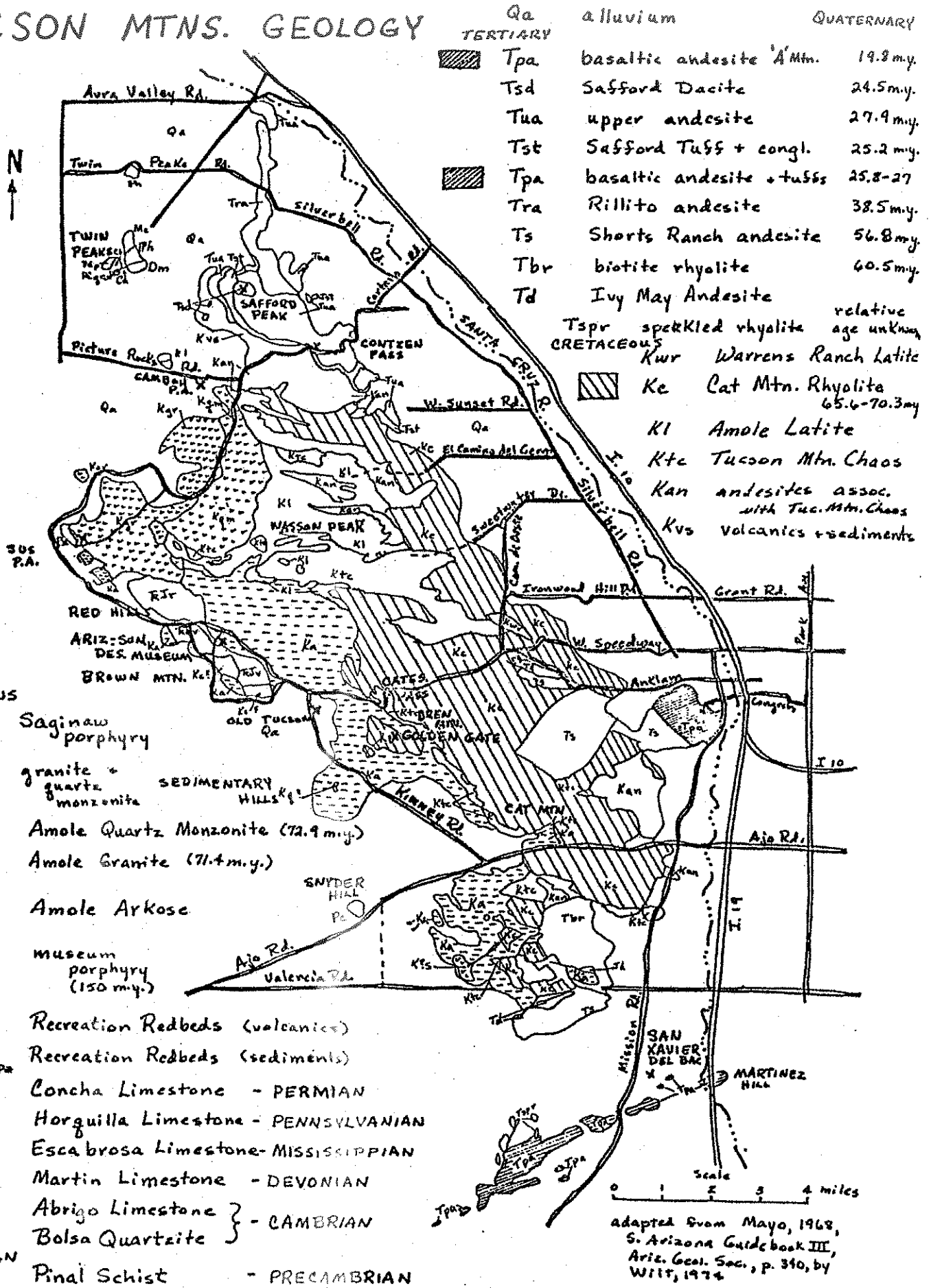


# TUCSON MOUNTAINS GEOLOGY



TERTIARY		QUATERNARY	
Qa	alluvium		
Tpa	basaltic andesite 'A' Mtn.	19.8 my.	
Tsd	Safford Dacite	24.5 my.	
Tua	upper andesite	27.4 my.	
Tst	Safford Tuff + congl.	25.2 my.	
Tpa	basaltic andesite + tuffs	25.8-27	
Tra	Rillito andesite	38.5 my.	
Ts	Shorts Ranch andesite	56.8 my.	
Tbr	biotite rhyolite	60.5 my.	
Td	Ivy May Andesite		relative age unknown
Tspr	speckled rhyolite		relative age unknown
CRETACEOUS			
Kwr	Warrens Ranch Latite		
Ke	Cat Mtn. Rhyolite	65.6-70.3 my	
Kl	Amole Latite		
Ktc	Tucson Mtn. Chaos		
Kan	andesites assoc. with Tuc. Mtn. Chaos		
Kvs	Volcanics + sediments		

## CRETACEOUS

- Ks? Saginaw porphyry
- Kq? granite + quartz monzonite
- Kg Amole Quartz Monzonite (72.9 my.)
- Kgr Amole Granite (71.4 my.)

## JURASSIC

- Ka Amole Arkose
- museum porphyry (150 my.)

## TRIASSIC

- TRJv Recreation Redbeds (volcanics)
- TRJv Recreation Redbeds (sediments)

## PALEOZOIC

- Pe Concha Limestone - PERMIAN
- IPh Horquilla Limestone - PENNSYLVANIAN
- Me Escabrosa Limestone - MISSISSIPPIAN
- Dm Martin Limestone - DEVONIAN
- Ca Abrigo Limestone } - CAMBRIAN
- Cb Bolsa Quartzite }

## PRECAMBRIAN

- RP Pinal Schist - PRECAMBRIAN

adapted from Mayo, 1968, S. Arizona Guidebook III, Ariz. Geol. Soc., p. 310, by Wilt, 1974