

North Carolina Shark Teeth Fossils Size and Frequency Checklist

Name	Scientific Name	Size	Frequency	Age					
				Cretaceous	Paleocene	Eocene	Oligocene	Miocene	Pliocene
Requiem	<i>Abdounia cnniskilleni</i>	1/8" - 1/2"	Singular			•			
Requiem	<i>Abdounia lapierrei</i>	1/8" - 1/4"	Very Rare			•			
Requiem	<i>Abdounia recticona</i>	1/4" - 3/8"	Occasional			•			
Thresher	<i>Alopias superciliosus</i>	1/4" - 1/2"	Rare					•	•
Thresher	<i>Alopias vulpinus</i>	1/2" - 3/4"	Very Rare					•	
Ray	<i>Brachyrhizodus wichitaensis</i>	1/2" - 1"	Rare	•					
Requiem	<i>Carcharhinus gibbesi</i>	1/4" - 3/8"	Singular			•			
Requiem	<i>Carcharhinus leucas</i>	1/4" - 1"	Plentiful					•	•
Sand	<i>Carcharias holmdelensis</i>	1/4" - 3/4"	†	•					
Sand Tiger	<i>Carcharias koerti</i>	1" - 2 1/2"	Very Rare			•			
Sand	<i>Carcharias taurus</i>	1/2" - 1 1/2"	Common					•	•
Sand Tiger	<i>Carcharias vincenti</i>	1/2" - 1"	Very Rare			•			
Giant White	<i>Carcharocles angustidens</i>	1" - 4 1/2"	Rare				•		
Giant White	<i>Carcharocles auriculatis</i>	1" - 4 1/2"	Occasional			•			
Giant White	<i>Carcharocles chubutensis</i>	1" - 4 1/2"	Occasional				•	•	
Giant White	<i>Carcharocles megalodon</i>	1" - 6 3/4"	Occasional					•	•
Giant White	<i>Carcharocles carcharias</i>	1/2" - 2 1/2"	Rare					•	•
Lamna	<i>Carcharoides caticus</i>	1/2" - 1"	Singular					•	
Mackerel	<i>Cretodus arcuata</i>	1/2" - 1"	Rare	•					
Mackerel	<i>Cretolamna appendiculata</i>	1/2" - 1"	Rare	•					
Mackerel	<i>Cretolamna biauriculata</i>	1/2" - 1"	Occasional	•					
String Ray	<i>Dasyatis jaekeli</i>	1/8" - 1/4"	Singular			•			
Bramble	<i>Echinorhinus blakei</i>	1/4" - 3/4"	Very Rare					•	•
Tiger	<i>Galeocerdo contortus</i>	1/2" - 1"	Plentiful			•	•	•	•
Tiger	<i>Galeocerdo cuvier</i>	1/2" - 1 1/2"	Common					•	•
Tiger	<i>Galeocerdo eaglesomei</i>	1/2" - 1"	Very Rare			•			
Tiger	<i>Galeocerdo latidens</i>	1/4" - 1/2"	Very Rare			•			
Nurse	<i>Ginglymostoma africanum</i>	1/8" - 1/4"	Singular	•					
Snaggletooth	<i>Hemipristis curvatus</i>	1/2" - 3/4"	Rare			•	•		
Snaggletooth	<i>Hemipristis serra</i>	1/2" - 2"	Common				•	•	•
Bullhead	<i>Heterodontus vincenti</i>	1/4" - 1/2"	Very Rare			•			
Cow - 6 Gill	<i>Hexanchus agassizi</i>	1/2" - 3/4"	Singular			•			
Cow - 6 Gill	<i>Hexanchus gigas</i>	3/4" - 1 3/4"	Very Rare					•	•
Hump-tooth	<i>Hybodus sp</i>	1/2" - 3/4"	Very Rare	•					
Sawfish	<i>Ischyrhiza mura</i>	1" - 3"	Rare	•					
Mako	<i>Isurus hastalis</i>	1/2" - 3 1/2"	Occasional					•	•
Mako	<i>Isurus oxvrinchus (desori)</i>	1/2" - 2 1/2"	Occasional					•	•
Mako	<i>Isurus praecursor</i>	1/2" - 1 1/2"	Occasional			•			
Mako	<i>Isurus retroflexus</i>	1/2" - 1 1/2"	Rare					•	•
Sting Ray	<i>Myliobatis spp.</i>	1/4" - 1 1/2"	Common		•	•	•	•	•
Megamouth	<i>Megachasma sp.</i>	1/2" - 3/4"	Singular						•
Nurse	<i>Nebrius thielensis</i>	1/4" - 1/2"	Very Rare			•			

North Carolina Shark Teeth Fossils Size and Frequency Checklist Continued

Name	Scientific Name	Size	Frequency	Age					
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Lemon	<i>Negaprion carybathrodon</i>	1/2" - 3/4"	Rare					•	•
Cow - 7 Gill	<i>Notorhynchus promogenius</i>	1/2" - 1 1/4"	Occasional				•	•	•
Sand Tiger	<i>Odontaspis winkleri</i>	1/2" - 1"	Very Rare			•			
Mackerel	<i>Otodus obliquus</i>	1" - 3"	‡ Very Rare		•				
Pigmy White	<i>Palaeocarcharodon orientalis</i>	1/2" - 1"	‡ Singular		•				
Sand Tiger	<i>Palaeohypotodus rutoci</i>	3/4" - 1 1/2"	Singular			•			
False Mako	<i>Parotodus benedeni</i>	3/4" - 3"	Very Rare					•	•
Sawfish	<i>Pristis fajumensis</i>	1" - 1 1/2"	Occasional				•		
Sawfish	<i>Pristis lathamii</i>	1" - 3 1/2"	Rare			•			
Whale	<i>Rhincodon cf. typus</i>	1/8" - 1/4"	Rare					•	•
Sharptosed	<i>Rhizoprionodon sp.</i>	1/8" - 1/4"	Very Rare					•	•
Sharptosed	<i>Rhizoprionodon sp.</i>	1/8" - 1/4"	Very Rare			•			
Ray	<i>rhombodus binkhorsti</i>	1/4" - 1/2"	Occasional	•					
Ray	<i>rhombodus laevis</i>	1/4" - 1/2"	†	•					
Goblin	<i>Scapanorhynchus texanus</i>	3/4" - 2"	Occasional	•					
Hammerhead	<i>Sphyrna laevissimus</i>	1/4" - 1/2"	Occasional					•	•
Crow	<i>Squalicorax kaupi</i>	1/4" - 3/4"	Occasional	•					
Crow	<i>Squalicorax pristodoncus</i>	1/2" - 1 1/2"	Occasional	•					
Angel	<i>Squatina hassei</i>	1/8" - 1/4"	†	•					
Angel	<i>Squatina occidentalis</i>	1/8" - 1/4"	Very Rare					•	•
Angel	<i>Squatina prima</i>	1/8" - 1/4"	Very Rare			•	•		
Sand Tiger	<i>Striatolamia macrota</i>	1/2" - 2"	Occasional			•			

† Although these have been reliably reported from North Carolina, we have been unable to locate any.

‡ Paleocene age fossils are very rare in North Carolina and almost all examples known have reworked into later formations.

Frequency Key

- Singular: Fewer than 10 ever found
- Very Rare: 6 found per year
- Rare: 15-20 found per year
- Occasional: Can be found with persistence
- Common: You finally quit picking them up