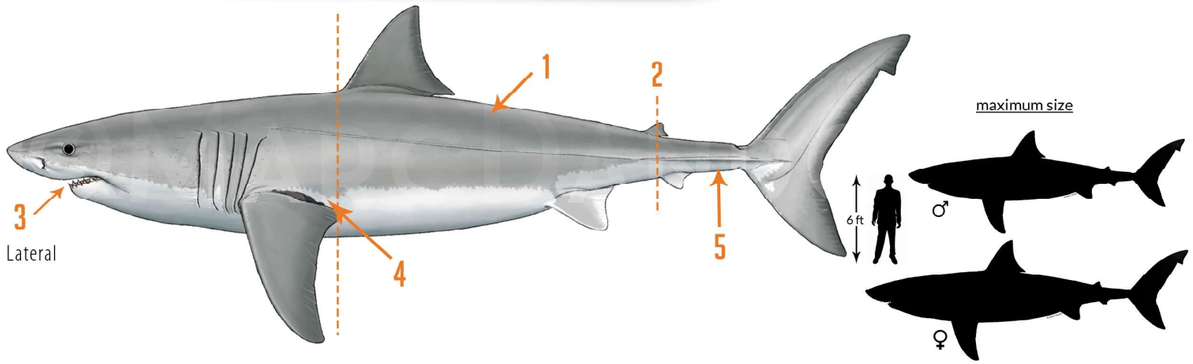
GREAT WHITE SHARK

CARCHARODON CARCHARIAS

MULTISPECIES RESEARCH GROUP



W. ATLANTIC OCEAN DISTRIBUTION

Cosmopolitan in most seas and oceans, concentrating in temperate waters. Highly migratory with trans-oceanic movements. [i, v]

SPECIES CHARACTERISTICS

IDENTIFICATION

1. No dorsal ridge
2. 2nd dorsal fin rear base in front of anal fin origin
3. Teeth strongly serrated
4. Black spot at rear of base of pectoral fin
5. Well-developed keel on caudal peduncle
6. Dark gray color [ii, iii]

MAXIMUM SIZE

Females up to 21 feet (6.4 m) and males up to 18 feet (5.5 m) [iii]

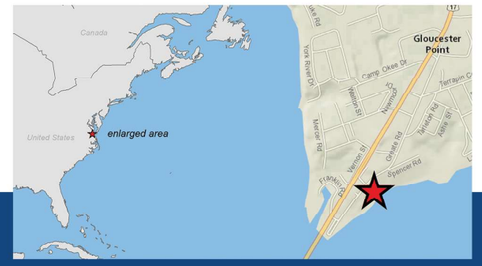
HABITAT

Occupies pelagic shelf waters, from the surfline to far offshore from surface waters down to over 250 m depth. Avoids freshwater, but can penetrate bays and estuaries. [i, iii]

FOR MORE INFORMATION

VIMS | WILLIAM & MARY

VIRGINIA INSTITUTE OF MARINE SCIENCE

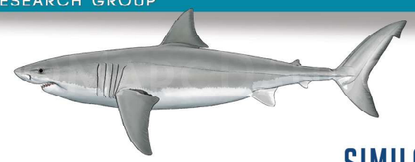


PO Box 1346 | 1375 Greate Rd | Gloucester Point, VA 23062-1346
804.684.7000
www.vims.edu/fisheries/sharks

GREAT WHITE SHARK

CARCHARODON CARCHARIAS

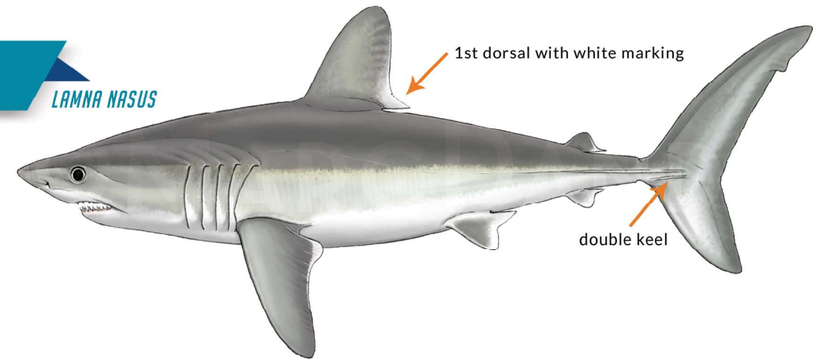
MULTISPECIES RESEARCH GROUP



SIMILAR SPECIES [III, IV]

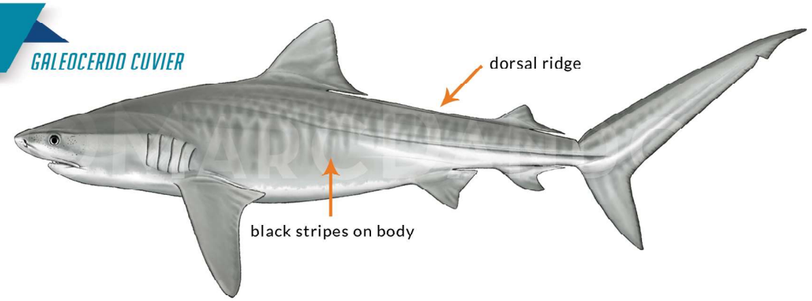
PORBEAGLE

LAMNA NASUS



TIGER SHARK

GALEOCERDO CUVIER



REFERENCES

i. Fergusson, I., Compagno, L.J.V. & Marks, M. 2009.Carcharodon carcharias. The IUCN Red List of Threatened Species 2009: e.T3855A10133872.http://dx.doi.org/10.2305/IUCN.UK.2009-2.RLTS.T3855A10133872.en.Downloaded on12 July 2017.

ii. Burgess, G.H. 2017. Field Key to Sharks Encountered in the U.S. Atlantic Bottom Longline Shark Fishery and by Recreational Anglers, Florida Museum-University of Florida. www.floridamuseum.ufl.edu/fish/discover/sharks/id-key-sharks/

iii. Compagno, L.J.V. 1984. FAO species catalogue. Vol. 4. Sharks of the world. An annotated and illustrated catalogue of shark species known to date. Part 2. Carcharhiniformes. FAO Fish. Synop., (125) Vol. 4, Pt. 2: 251-655.

iv. Driggers, W. B. III, E. R. Hoffmayer, J. I. Castro, K. S. Davis, M. Clark, and P. Cooper. 2016 National Marine Fisheries Service. http://www.nmfs.noaa.gov/sta/hms

v. Kaschner, K., K. Kesner-Reyes, C. Garilao, J. Rius-Barile, T. Rees, and R. Froese. 2016 AquaMaps: Predicted range maps for aquatic species. World Wide Web electronic publication, www.aquamaps.org. Version 08/2016.

VIMS | WILLIAM & MARY

VIRGINIA INSTITUTE OF MARINE SCIENCE

PO Box 1346 | 1375 Greate Rd | Gloucester Point, VA 23062-1346 | 804.684.7000

www.vims.edu/fisheries/sharks