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| Mesopredator | Locale of observations | Source of observations | Reference |
| African pompano *Alectis ciliaris* | Frying Pan Tower, NC | direct in situ (SharkCam) | observation from SharkCam |
| **almaco jack *Seriola rivoliana*** | Anchor Reef, GA | direct in situ (SCUBA) | Auster et al., 2009\* |
| South Atlantic Bight | not directly reported, inferred from unidentified teleosts in stomach contents | Manooch & Haimovici, 1983\* |
| Frying Pan Tower, NC | direct in situ (SharkCam) | observation from SharkCam |
| **Atlantic bonito *Sarda sarda*** | Tyrrhenian Sea, Italy (Mediterranean Sea) | stomach contents contain similar fishes (eg: *Trachurus* sp. [Carangidae]) | Campo et al., 2006\* |
| northeast Aegean Sea, Greece (Mediterranean Sea) | stomach contents contain similar fishes (eg: *Trachurus* sp. [Carangidae]) | Fletcher, Batjakas, & Pierce, 2013\* |
| bar jack *Carangoides ruber* | Anchor Reef, GA | direct in situ (SCUBA) | Auster et al., 2009\* |
| black sea bass *Centropristis striata* | Anchor Reef, GA | direct in situ (SCUBA) | Auster et al., 2009\* |
| hard bottoms in Long Bay, NC | direct in situ (SCUBA) or in stomach contents (pers. obs.) | in person observation |
| **blue runner *Caranx crysos*** | Anchor Reef, GA | direct in situ (SCUBA) | Auster et al., 2009\* |
| Frying Pan Tower, NC | direct in situ (SharkCam) | observation from SharkCam |
| Gulf of Gabes, Tunisia (Mediterranean Sea) | not directly reported, fed on similar prey | Sley et al., 2009\* |
| bluefish *Pomatomus saltatrix* | Onslow Bay, NC, to Long Bay, SC, northwest FL, LA | stomach contents | (Naughton & Saloman, 1985a)++ |
| cobia *Rachycentron canadum* | Anchor Reef, GA | direct in situ (SCUBA) | Auster et al., 2009\* |
| **crevalle jack *Caranx hippos*** | northwest FL, LA | stomach contents | Saloman & Naughton, 1984\* |
| gag *Mycteroperca microlepis* | Anchor Reef, GA | direct in situ (SCUBA) | Auster et al., 2009\* |
| hard bottoms in Long Bay, NC | direct in situ (SCUBA) or in stomach contents (pers. obs.) | in person observation |
| NC, northwest FL | stomach contents | (Naughton & Saloman, 1985b)++ |
| Frying Pan Tower, NC | direct in situ (SharkCam) | observation from SharkCam |
| Cape Hatteras, NC to GA | molecular identification of stomach contents | (Spanik, 2018)++ |
| great barracuda *Sphyraena barracuda* | Anchor Reef, GA | direct in situ (SCUBA) | Auster et al., 2009\* |
| Frying Pan Tower, NC | direct in situ (SharkCam) | observation from SharkCam |
| **greater amberjack *Seriola dumerili*** | Anchor Reef, GA | direct in situ (SCUBA) | Auster et al., 2009\* |
| South Atlantic Bight | stomach contents | Manooch & Haimovici, 1983\* |
| Frying Pan Tower, NC | direct in situ (SharkCam) | observation from SharkCam |
| king mackerel *Scomberomorus cavalla* | Cape Hatteras, NC, to Long Bay, SC, GA, northwest FL, LA, TX | stomach contents | (Saloman & Naughton, 1983)++ |
| red lionfish *Pterois volitans* | northern Gulf of Mexico | DNA barcoding of stomach contents | (Dahl et al., 2017)++ |
| hard bottoms in Long Bay, NC | direct in situ (SCUBA) or in stomach contents (pers. obs.) | in person observation |
| Onslow Bay, NC | stable isotopes on stomach contents | (Muñoz, Currin & Whitfield, 2011)++ |
| **little tunny *Euthynnus alletteratus*** | northern Gulf of Mexico | direct in situ (snorkel) | (Hirama & Witherington, 2012)++ |
| NC to TX | stomach contents | (Manooch, Mason & Nelson, 1985)++ |
| Frying Pan Tower, NC | direct in situ (SharkCam) | observation from SharkCam |
| loggerhead sea turtle *Caretta caretta* | northern Gulf of Mexico | direct in situ (snorkel) | (Hirama & Witherington, 2012)++ |
| sandbar shark *Carcharhinus plumbeus* | Frying Pan Tower, NC | direct in situ (SharkCam) | observation from SharkCam |
| scamp *Mycteroperca phenax* | Anchor Reef, GA | direct in situ (SCUBA) | Auster et al., 2009\* |
| hard bottoms in Long Bay, NC | direct in situ (SCUBA) or in stomach contents (pers. obs.) | in person observation |
| Cape Hatteras, NC to GA | stomach contents | Matheson, Huntsman, & Manooch, 1986\* |
| Cape Hatteras, NC to GA | molecular identification of stomach contents | (Spanik, 2018)++ |
| vermilion snapper *Rhomboplites aurorubens* | hard bottoms in Long Bay, NC | direct in situ (SCUBA) or in stomach contents (pers. obs.) | in person observation |
| yellow jack *Carangoides bartholomaei* | Frying Pan Tower, NC | direct in situ (SharkCam) | observation from SharkCam |

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