

ASSESSMENT FOR BELIZE

GROUPER STOCKS

Nassau grouper

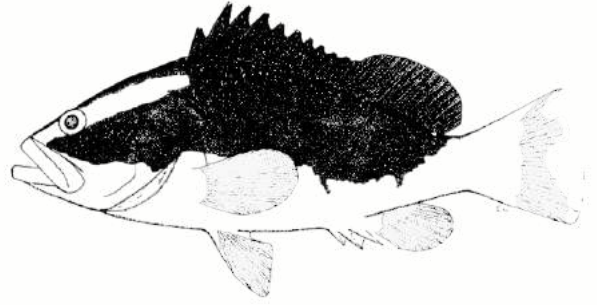
Overfished

Length at maturity: 47.5 cm

Maximum length: 122 cm

Optimal length: 57.9 cm

Longevity: 32 years



Black grouper

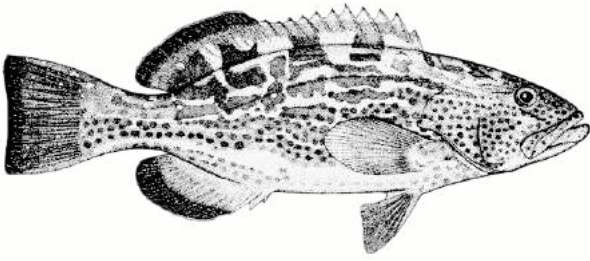
Overexploited

Length at maturity: 66.6 cm

Maximum length: 150 cm

Optimal length: 85.5 cm

Longevity: 17 years



Atlantic Goliath grouper

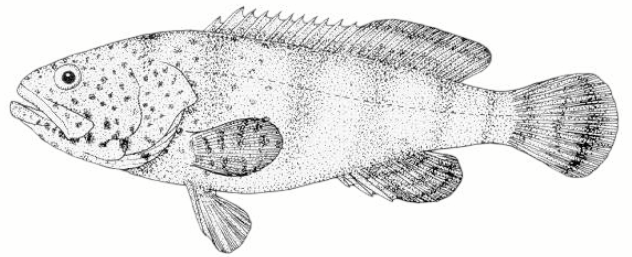
Overfished

Length at maturity: 97.8 cm

Maximum length: 250 cm

Optimal length: 133.6 cm

Longevity: 22 years



ASSESSMENT DATA SOURCES

Official assessment



Literature review



CPUE time series



Expert testimony



ASSESSMENT FOR BELIZE

SNAPPER STOCKS I

Dog snapper

Overfished

Length at maturity: 47.6 cm
Maximum length: 128 cm
Optimal length: 58 cm
Longevity: 29 years



Grey snapper

Overfished

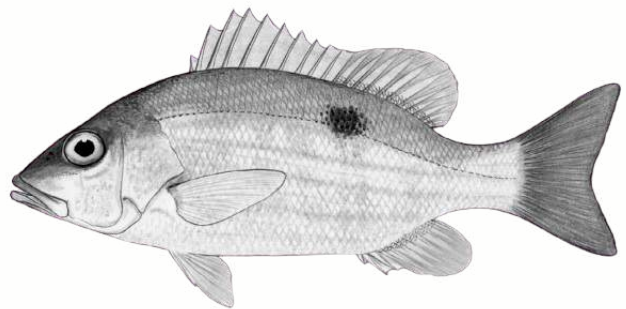
Length at maturity: 32.1 cm
Maximum length: 89 cm
Optimal length: 36.7 cm
Longevity: 12 years



Lane snapper

Overfished

Length at maturity: 26.4 cm
Maximum length: 60 cm
Optimal length: 29.3 cm
Longevity: 10 years



ASSESSMENT DATA SOURCES

Official assessment



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Expert testimony



ASSESSMENT FOR BELIZE

SNAPPER STOCKS II

Mutton snapper

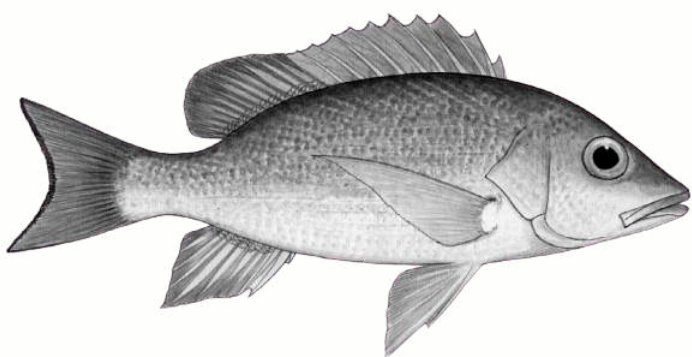
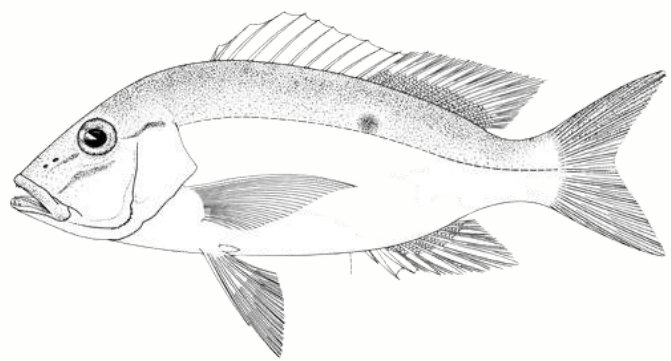
Overfished

Length at maturity: 46 cm

Maximum length: 94 cm

Optimal length: 55.8 cm

Longevity: 18 years



Silk snapper

Overfished

Length at maturity: 34 cm

Maximum length: 83 cm

Optimal length: 39.9 cm

Longevity: 9 years



ASSESSMENT DATA SOURCES

Official assessment



Literature review



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ASSESSMENT FOR BELIZE

SNAPPER STOCKS III

Northern red snapper

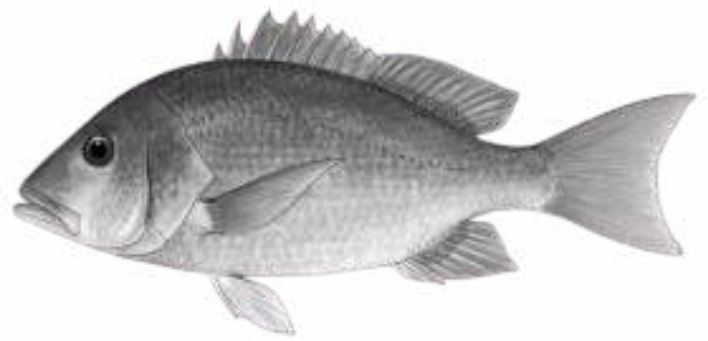
Overfished

Length at maturity: 49.5 cm

Maximum length: 100 cm

Optimal length: 60.6 cm

Longevity: 17 years



Southern red snapper

Overfished

Length at maturity: 45.2 cm

Maximum length: 100 cm

Optimal length: 54.6 cm

Longevity: 22 years



Yellowtail snapper

Overfished

Length at maturity: 29.3 cm

Maximum length: 86.3 cm

Optimal length: 33 cm

Longevity: 10 years



ASSESSMENT DATA SOURCES

Official assessment



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Expert testimony



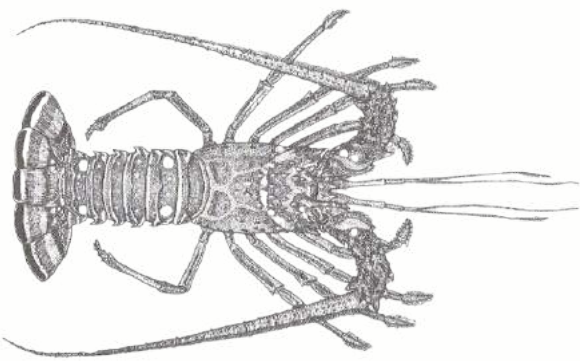
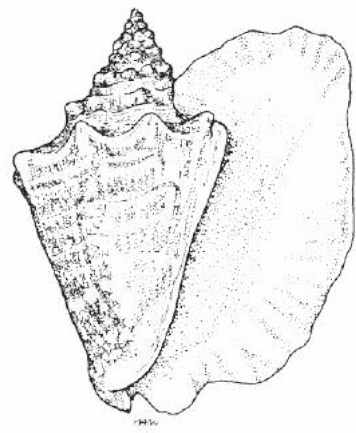
ASSESSMENT FOR BELIZE

CONCH & LOBSTER

Queen conch

Overfished

Maximum length: 20.4 cm
Longevity: 30 years



Caribbean spiny lobster

Overfished

Length at maturity: 8.2 cm
Maximum length: 45 cm
Longevity: 15 years



ASSESSMENT DATA SOURCES

Official assessment



Literature review



CPUE time series



Expert testimony

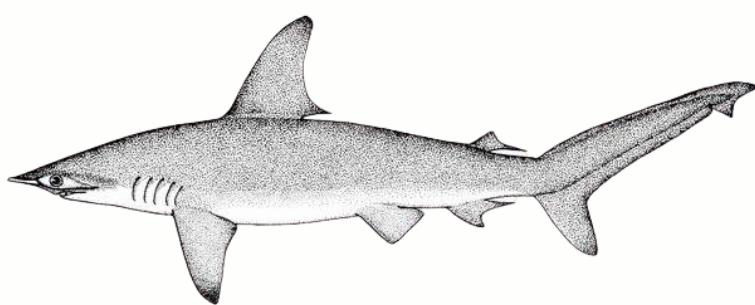


ASSESSMENT FOR BELIZE SHARKS

Scalloped hammerhead

Overfished

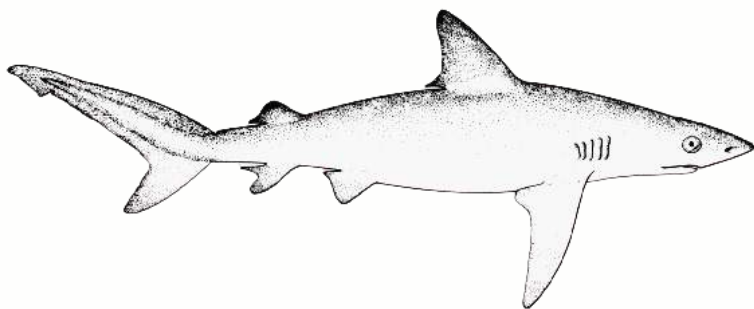
Length at maturity: 143.2 cm
 Maximum length: 430 cm
 Optimal length: 208.2 cm
 Longevity: 32 years



Caribbean reef shark

Overfished

Length at maturity: 141.1 cm
 Maximum length: 300 cm
 Optimal length: 205.1 cm
 Longevity: 24 years



ASSESSMENT DATA SOURCES

Official assessment



Literature review



CPUE time series

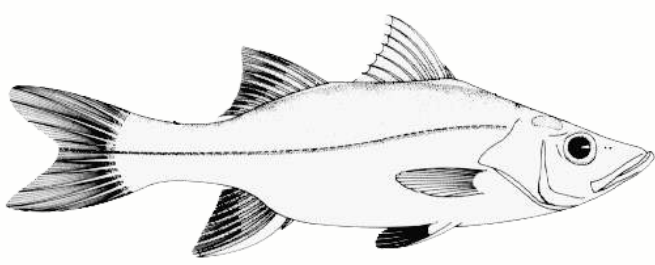


Expert testimony



ASSESSMENT FOR BELIZE

SNOOK & BARRACUDA



Common snook

Overfished

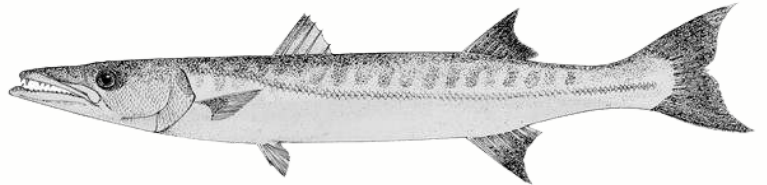
Length at maturity: 61.2 cm
Maximum length: 140 cm
Optimal length: 77.6 cm
Longevity: 10 years



Great barracuda

Overfished

Length at maturity: 75.7 cm
Maximum length: 200 cm
Optimal length: 99.3 cm
Longevity: 17 years



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Expert testimony

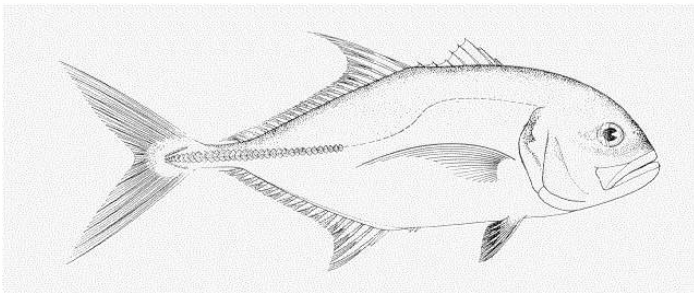
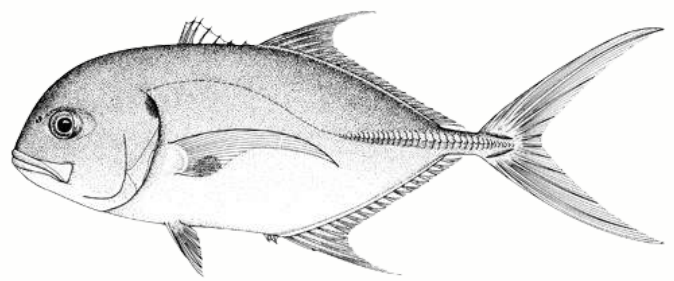


ASSESSMENT FOR BELIZE JACKS

Crevalle jack

Overfished

Length at maturity: 56 cm
Maximum length: 124 cm
Optimal length: 70 cm
Longevity: 8 years



Horse-eye jack

Healthy

Length at maturity: 54.1 cm
Maximum length: 101 cm
Optimal length: 67.2 cm
Longevity: 17 years



ASSESSMENT DATA SOURCES

Official
assessment



Literature
review



CPUE time
series



Expert
testimony

