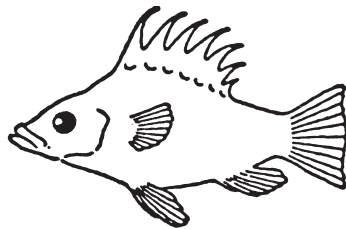


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Number I

Fishes of the Western North Atlantic



PART TEN

Order Belontiiformes

Needlefishes, Sauries, Halfbeaks, and Flyingfishes

BELONIDAE

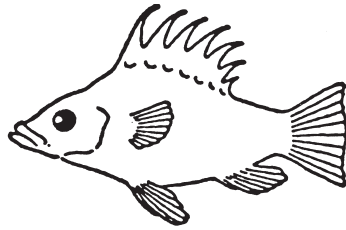
SCOMBERESOCIDAE

HEMIRAMPHIDAE

EXOCOETIDAE

PEABODY MUSEUM OF NATURAL HISTORY, YALE UNIVERSITY
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Fishes of the Western North Atlantic



Series Editors

BRUCE B. COLLETTE

*National Systematics Laboratory
National Marine Fisheries Service*

THOMAS J. NEAR

Yale University

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Table of Contents

Foreword	xi
Introduction	xiii
Acknowledgments	xiii
Order Beloniformes. BY BRUCE B. COLLETTE AND KATHERINE E. BEMIS	1
Key to the Western Atlantic Families of Beloniformes	4
Literature Cited	4
Family Belonidae. Needlefishes. BY BRUCE B. COLLETTE AND KATHERINE E. BEMIS	5
Introduction	5
Materials and Methods	6
Key to the Belonidae of the Western Atlantic	7
Genus <i>Ablennes</i>	8
<i>Ablennes hians</i>	8
Genus <i>Platybelone</i>	12
<i>Platybelone argalus argalus</i>	12
Genus <i>Strongylura</i>	18
<i>Strongylura hubbsi</i>	18
<i>Strongylura marina</i>	21
<i>Strongylura notata</i>	30
<i>Strongylura notata notata</i>	31
<i>Strongylura notata forsythia</i>	34
<i>Strongylura timucu</i>	37
Genus <i>Tylosurus</i>	42
<i>Tylosurus acus acus</i>	42
<i>Tylosurus crocodilus crocodilus</i>	48
Literature Cited	54
Family Scomberesocidae. Sauries. BY KATHERINE E. BEMIS AND BRUCE B. COLLETTE	79
Introduction	79
Materials and Methods	80
Key to the North Atlantic Sauries	80
Genus <i>Scomberesox</i>	80
<i>Scomberesox saurus saurus</i>	81
<i>Scomberesox simulans</i>	83
Literature Cited	86
Family Hemiramphidae. Halfbeaks. BY BRUCE B. COLLETTE AND KATHERINE E. BEMIS	89
Introduction	89
Materials and Methods	91
Key to the Hemiramphidae of the Western Atlantic	92
Genus <i>Chriodorus</i>	93
<i>Chriodorus atherinoides</i>	93
Genus <i>Euleptorhamphus</i>	96
<i>Euleptorhamphus velox</i>	96

Table of Contents

Genus <i>Hemiramphus</i>	98
<i>Hemiramphus balao</i>	99
<i>Hemiramphus bermudensis</i>	103
<i>Hemiramphus brasiliensis</i>	105
Genus <i>Hyporhamphus</i>	109
<i>Hyporhamphus brederi</i>	110
<i>Hyporhamphus collettei</i>	112
<i>Hyporhamphus meeki</i>	113
<i>Hyporhamphus mexicanus</i>	117
<i>Hyporhamphus roberti</i>	119
<i>Hyporhamphus roberti roberti</i>	119
<i>Hyporhamphus roberti hildebrandi</i>	122
<i>Hyporhamphus unifasciatus</i>	124
Genus <i>Oxyporhamphus</i>	127
<i>Oxyporhamphus micropterus similis</i>	127
Literature Cited	130
Family Exocoetidae. Flyingfishes.	
BY NIKOLAY V. PARIN, ILIA B. SHAKHOVSKOY, KATHERINE E. BEMIS, AND BRUCE B. COLLETTE	149
Introduction	149
Materials and Methods	150
Key to the Species of Exocoetidae in the Western Atlantic	151
Genus <i>Cheilopogon</i>	152
<i>Cheilopogon cyanopterus</i>	153
<i>Cheilopogon exsiliens</i>	160
<i>Cheilopogon furcatus furcatus</i>	165
<i>Cheilopogon heterurus</i>	170
<i>Cheilopogon melanurus</i>	176
<i>Cheilopogon pinnatibarbatus</i>	180
Genus <i>Cypselurus</i>	186
<i>Cypselurus comatus</i>	186
Genus <i>Exocoetus</i>	191
<i>Exocoetus obtusirostris</i>	191
<i>Exocoetus volitans</i>	196
Genus <i>Hirundichthys</i>	199
<i>Hirundichthys affinis</i>	199
<i>Hirundichthys rufipinnis</i>	206
<i>Hirundichthys speculiger</i>	209
<i>Hirundichthys volador</i>	214
Genus <i>Parexocoetus</i>	219
<i>Parexocoetus hillianus</i>	219
Genus <i>Prognichthys</i>	223
<i>Prognichthys glaphyrae</i>	224
<i>Prognichthys occidentalis</i>	228
Literature Cited	232
Index	241

Order Beloniformes

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Family Belonidae

NEEDLEFISHES

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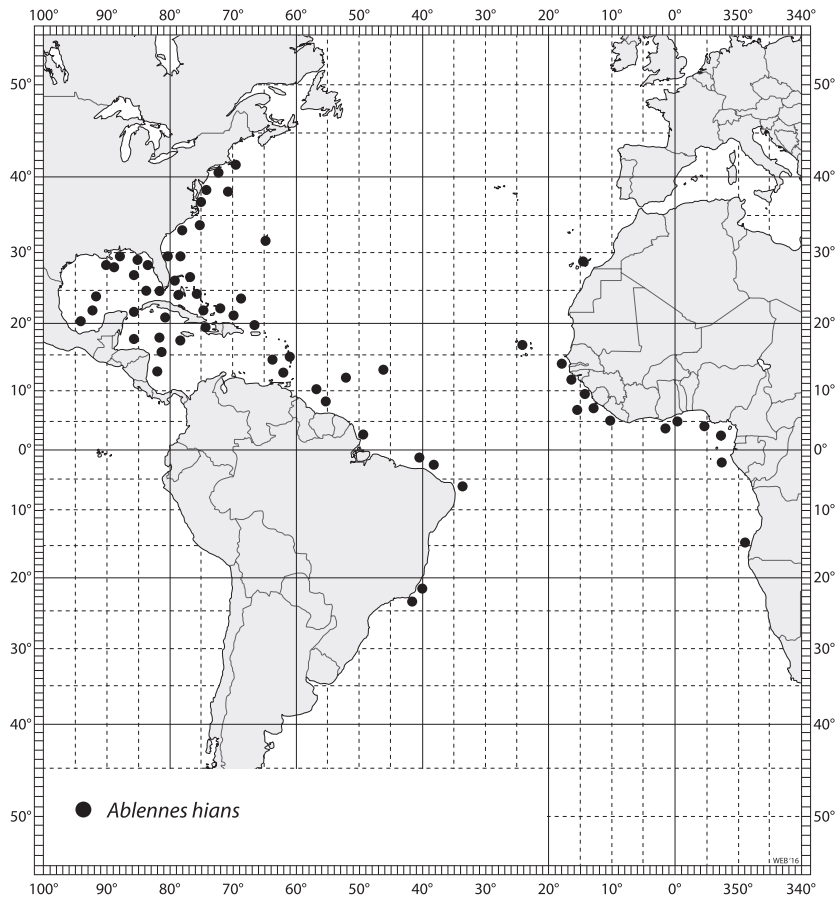


Figure 2.2. Atlantic distribution of Flat Needlefish, *Ablennes hians*, based on specimens examined by B. B. Collette. Map by W. E. Bemis.

Order Beloniformes: Needlefishes, Sauries, Halfbeaks, and Flyingfishes

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Fishes of the Western North Atlantic, Part 10

Chapter 2, Family Belonidae Needlefishes, Page 11.

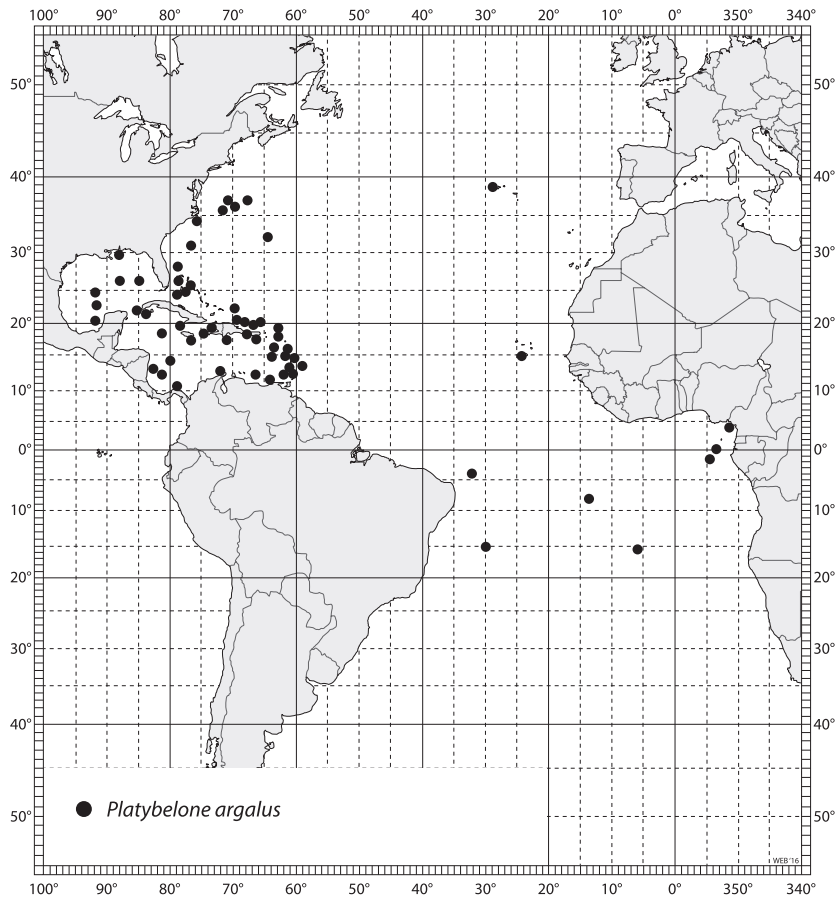


Figure 2.4. Atlantic distribution of Keeltail Needlefish, *Platybelone argalus*, based on specimens examined by B. B. Collette. Map by W. E. Bemis.

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Fishes of the Western North Atlantic, Part 10

Chapter 2, Family Belonidae Needlefishes, Page 15.

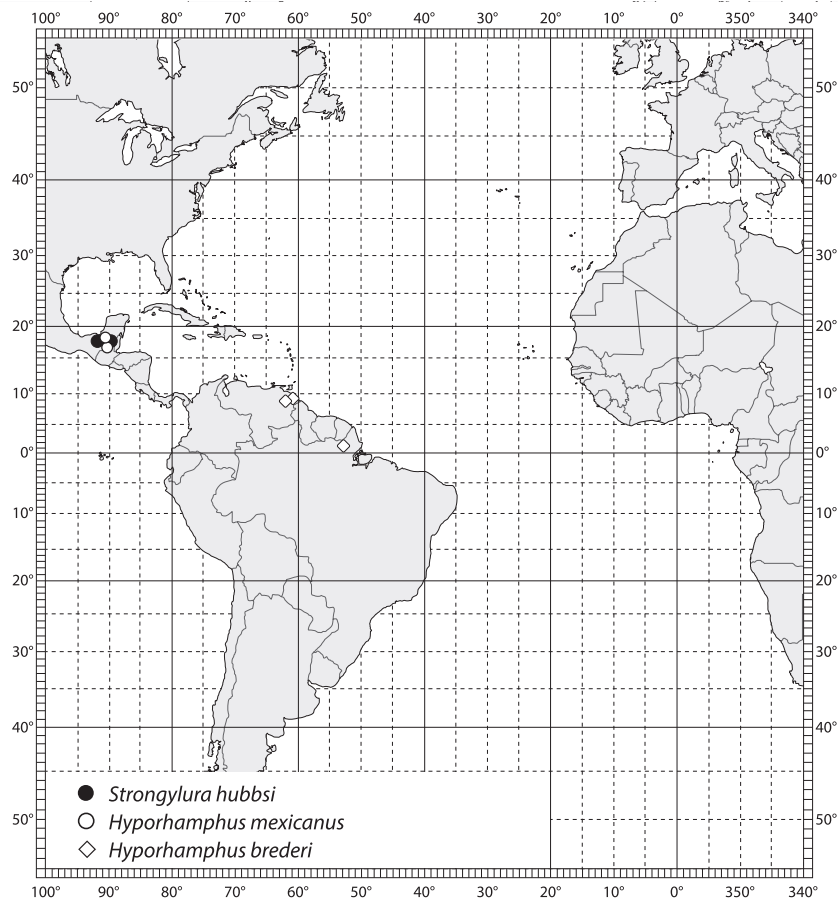


Figure 2.6. General distribution of three freshwater Beloniformes: Maya Needlefish, *Strongylura hubbsi*, El Petén Halfbeak, *Hyporhamphus mexicanus*, and Breder's Halfbeak, *Hyporhamphus brederi*; based on specimens examined by B. B. Collette. Map by W. E. Bemis.

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Fishes of the Western North Atlantic, Part 10

Chapter 2, Family Belonidae Needlefishes, Page 20.

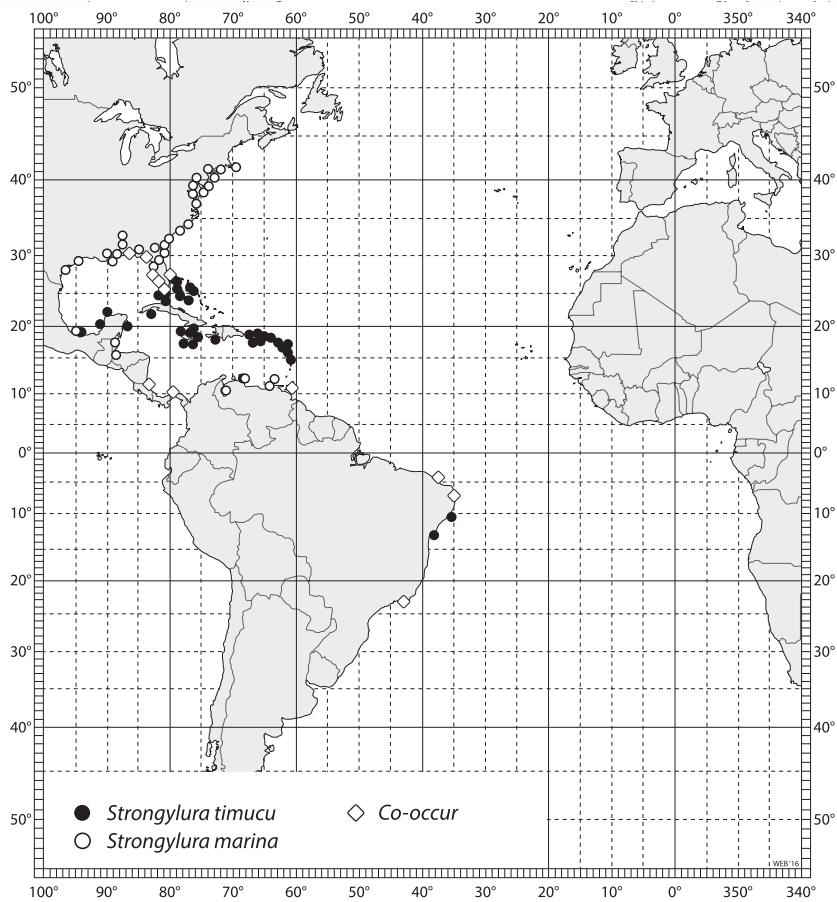


Figure 2.8. Distribution of Atlantic Needlefish, *Strongylura marina*, and Timucu, *Strongylura timucu*, based on specimens examined by B. B. Collette. Map by W. E. Bemis.

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Fishes of the Western North Atlantic, Part 10

Chapter 2, Family Belonidae Needlefishes, Page 30.

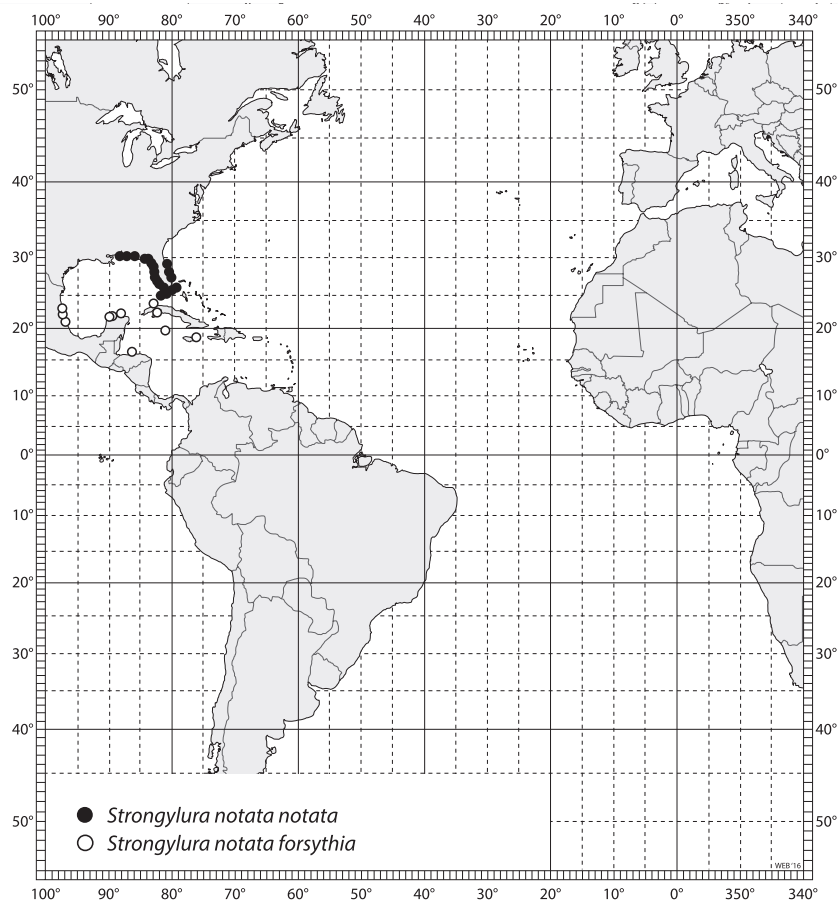


Figure 2.10. Distribution of Redfin Needlefish, *Strongylura notata notata* and *S. notata forsythia*, based on specimens examined by B. B. Collette. Map by W. E. Bemis.

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Fishes of the Western North Atlantic, Part 10

Chapter 2, Family Belonidae Needlefishes, Page 36.

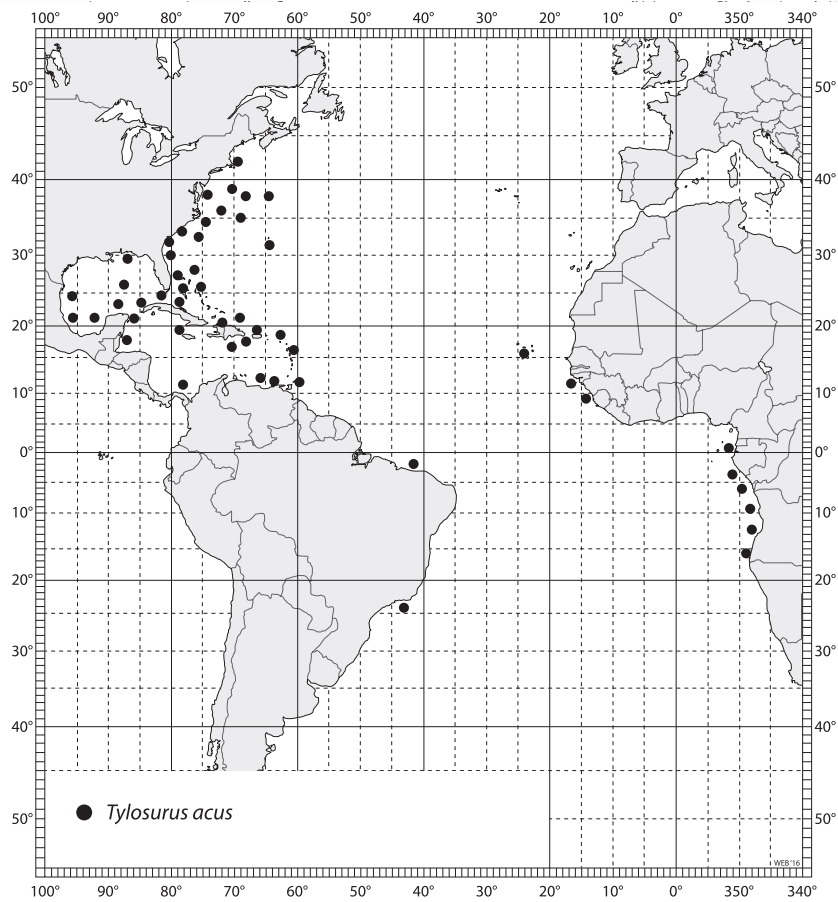


Figure 2.13. Atlantic distribution of Atlantic Agujon, *Tylosurus acus*, based on specimens examined by B. B. Collette. Map by W. E. Bemis.

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Fishes of the Western North Atlantic, Part 10

Chapter 2, Family Belonidae Needlefishes, Page 48.

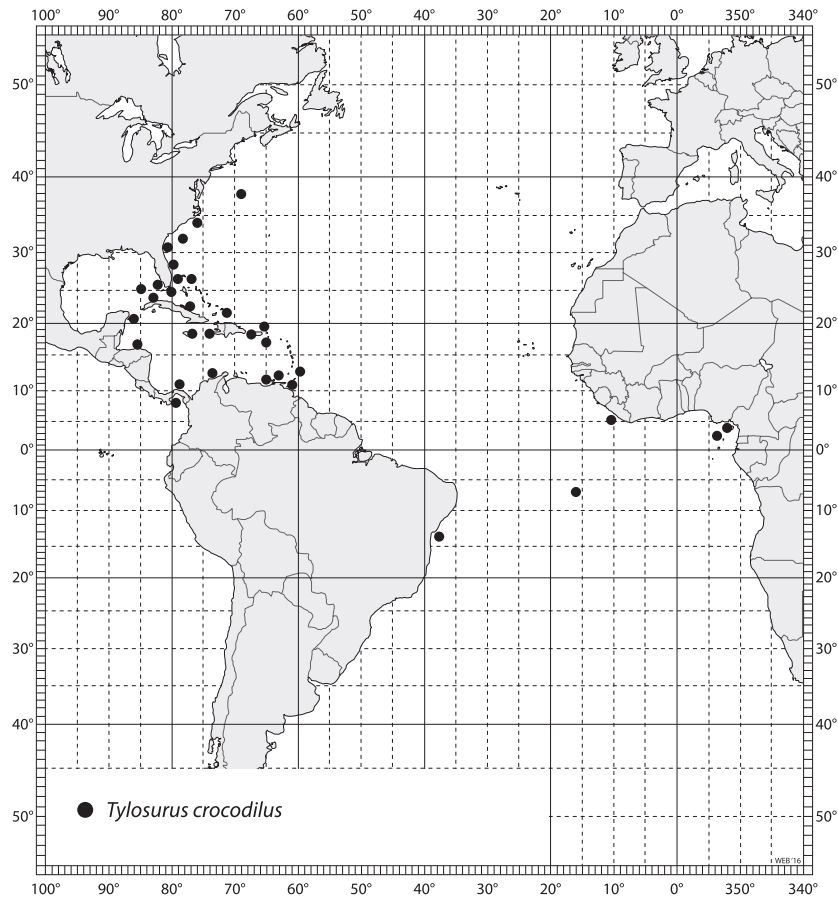


Figure 2.15. Atlantic distribution of Houndfish, *Tylosurus crocodilus*, based on specimens examined by B. B. Collette. Map by W. E. Bemis.

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Fishes of the Western North Atlantic, Part 10

Chapter 2, Family Belonidae Needlefishes, Page 54.

Family Scomberesocidae

SAURIES

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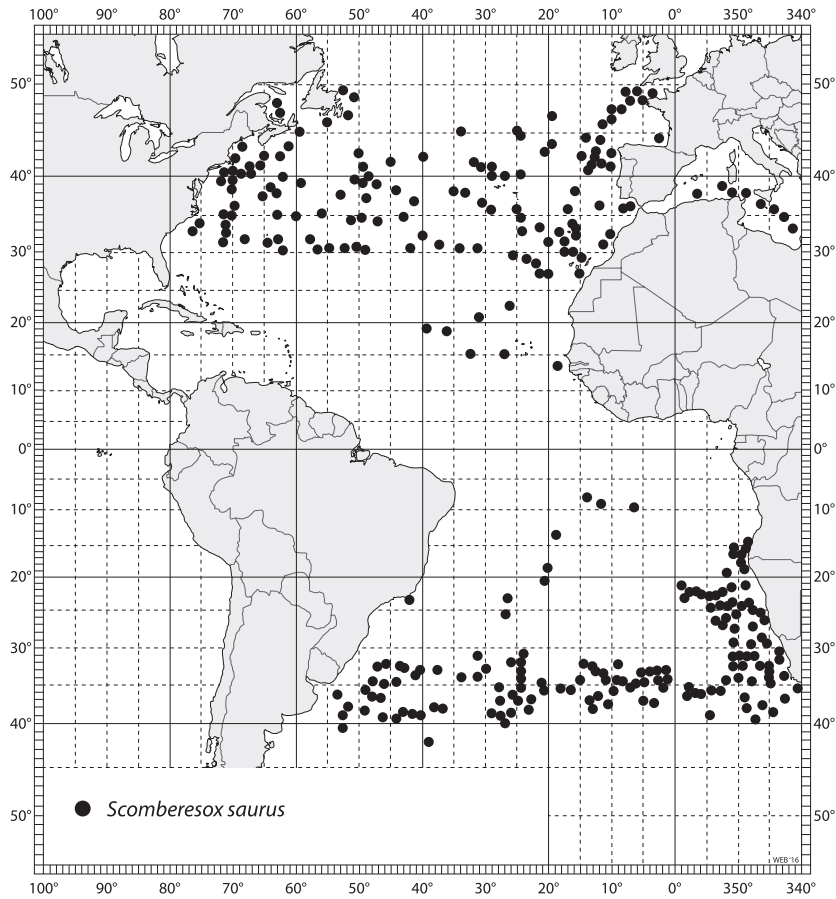


Figure 3.2. Atlantic distribution of Atlantic Saury, *Scomberesox saurus*, based on specimens examined by Hubbs and Wisner (1980). Map by W. E. Bemis.

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Fishes of the Western North Atlantic, Part 10

Chapter 3, Family Scomberesocidae Sauries, Page 83.

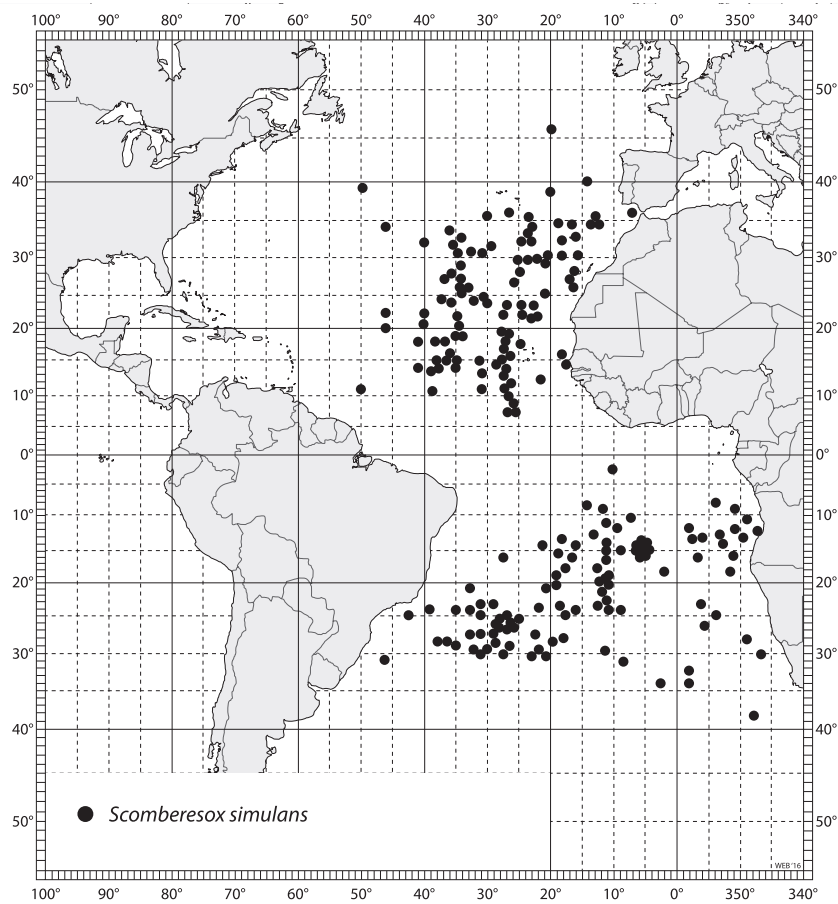


Figure 3.4. Atlantic distribution of Atlantic Dwarf Saury, *Scomberesox simulans*, based on specimens examined by Hubbs and Wisner (1980). Map by W. E. Bemis.

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Fishes of the Western North Atlantic, Part 10

Chapter 3, Family Scomberesocidae Sauries, Page 86.

Family Hemiramphidae

HALFBEAKS

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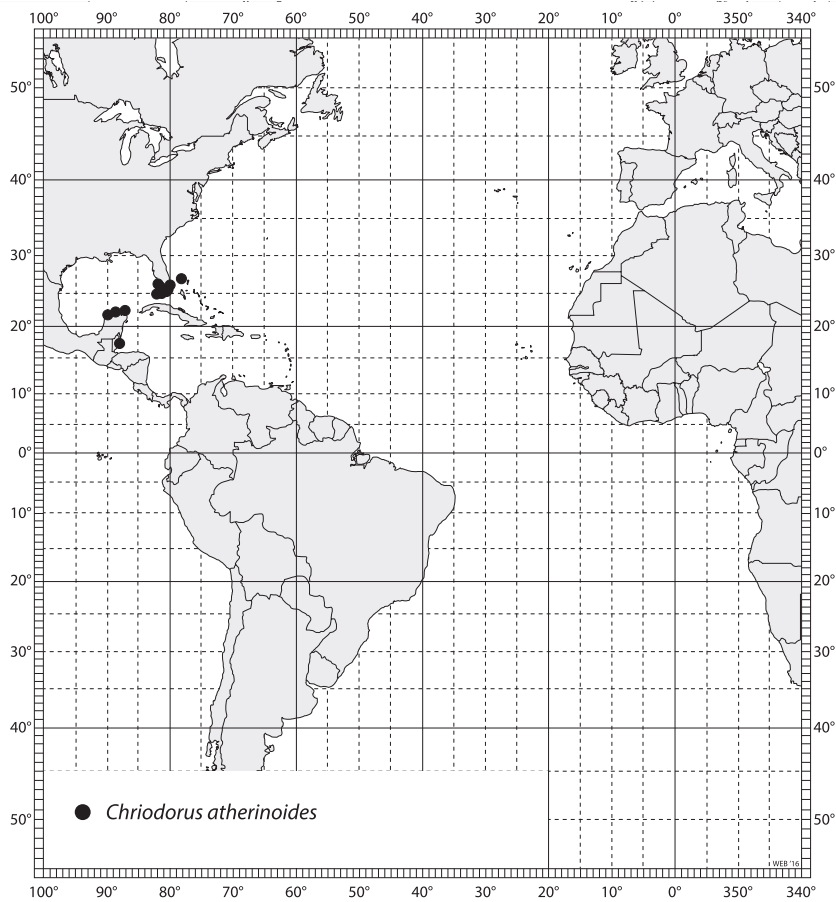


Figure 4.2. Distribution of Hardhead Half beak, *Chriodorus atherinoides*, based on specimens examined by B. B. Collette. Map by W. E. Bemis.

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Fishes of the Western North Atlantic, Part 10

Chapter 4, Family Hemiramphidae Halfbeaks, Page 95.

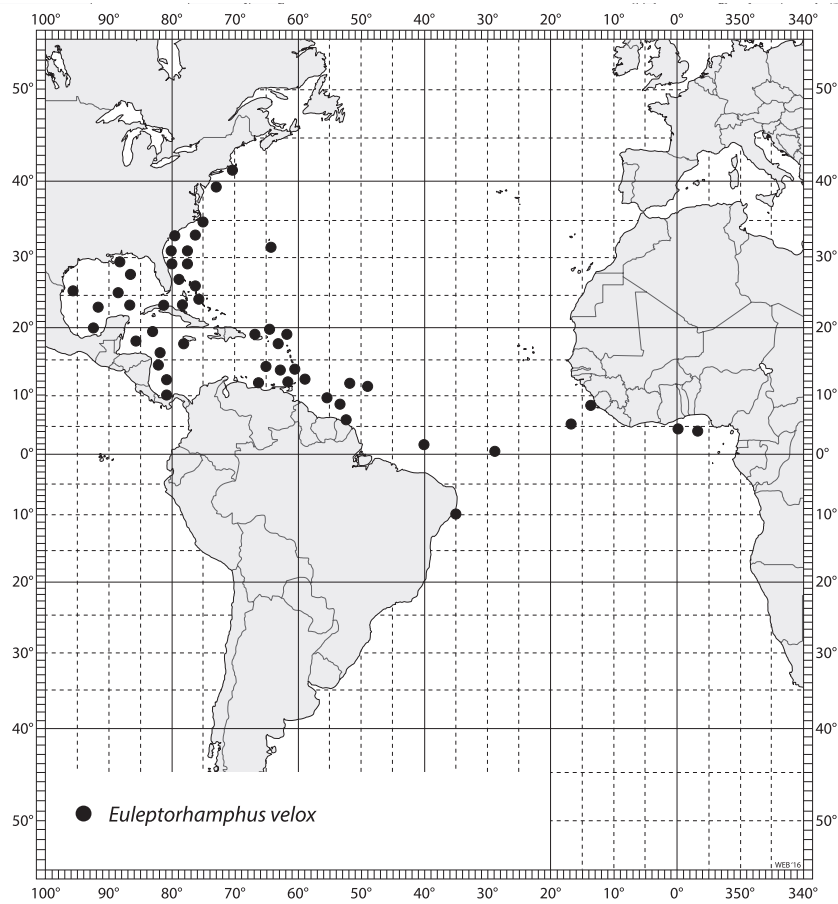


Figure 4.4. Distribution of Atlantic Ribbon Halfbeak, *Euleptorhamphus velox*, based on specimens examined by B. B. Collette. Map by W. E. Bemis.

Order Belontiiformes: Needlefishes, Sauries, Halfbeaks, and Flyingfishes

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Fishes of the Western North Atlantic, Part 10

Chapter 4, Family Hemiramphidae Halfbeaks, Page 98.

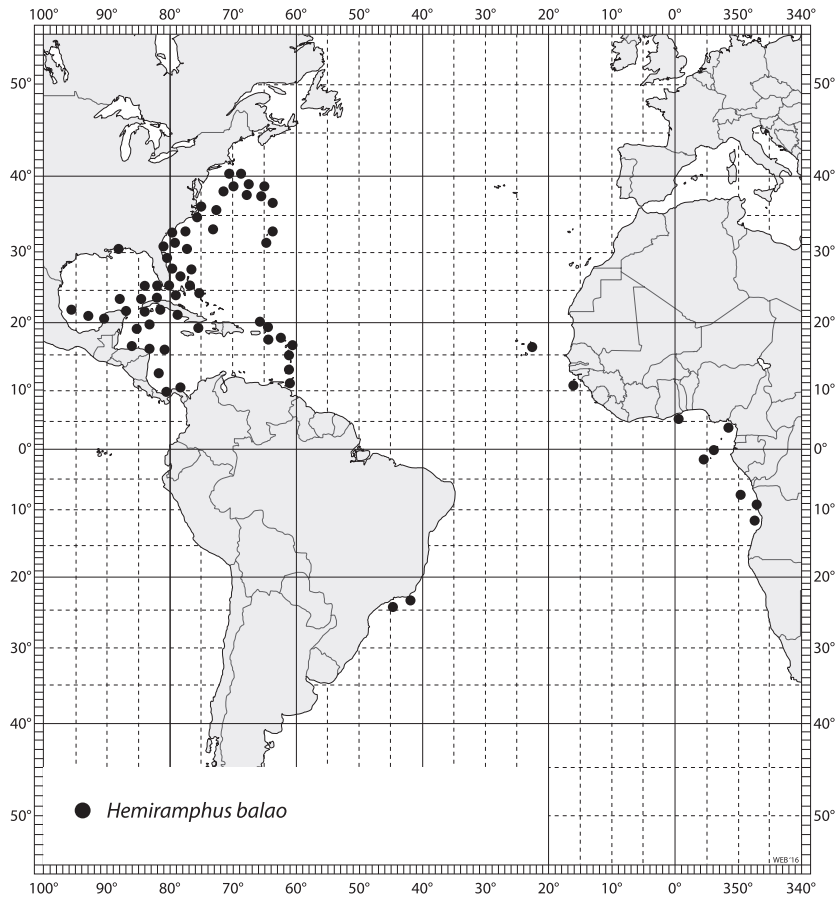


Figure 4.6. Distribution of Balao, *Hemiramphus balao*, based on specimens examined by B. B. Collette. Map by W. E. Bemis.

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Fishes of the Western North Atlantic, Part 10

Chapter 4, Family Hemiramphidae Halfbeaks, Page 102.

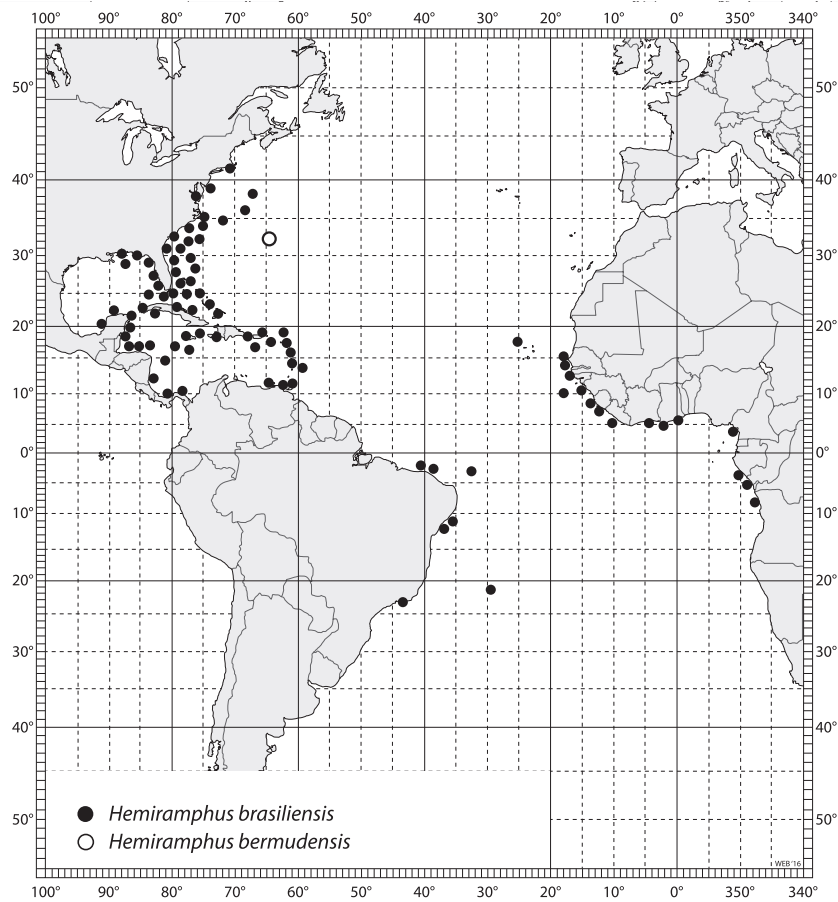


Figure 4.8. Distribution of Bermuda Ballyhoo, *Hemiramphus bermudensis*, and Redtail Ballyhoo, *Hemiramphus brasiliensis*, based on specimens examined by B. B. Collette. Map by W. E. Bemis.

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Fishes of the Western North Atlantic, Part 10

Chapter 4, Family Hemiramphidae Halfbeaks, Page 104.

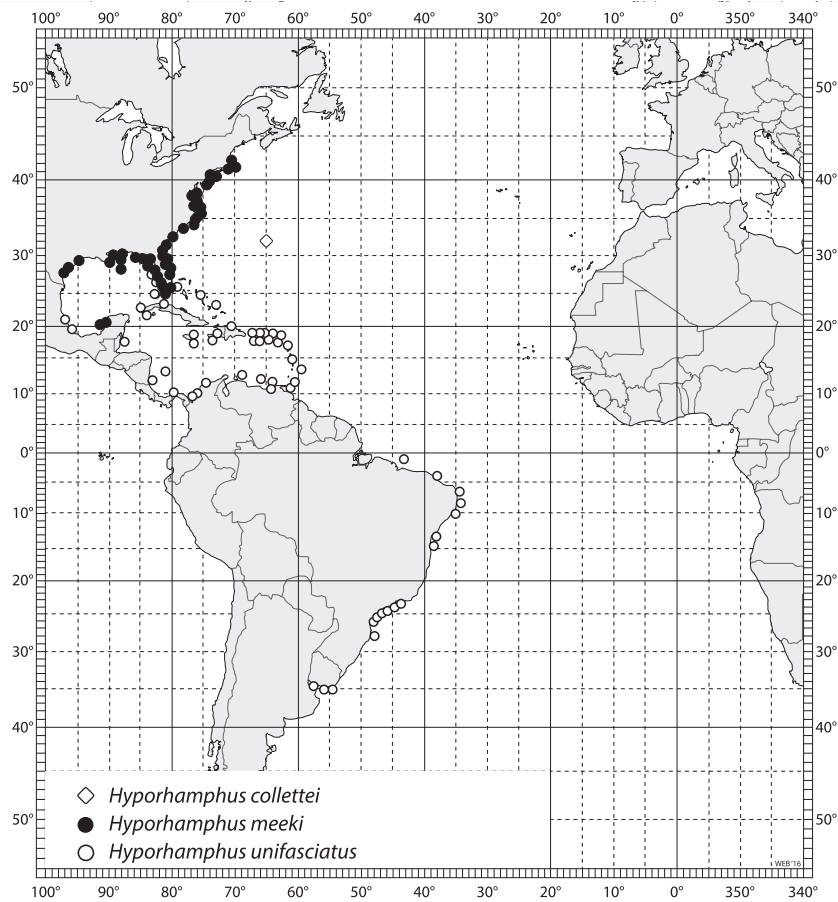


Figure 4.12. Distribution Collette's Bermuda Half beak, *Hyporhamphus collettei*, Meek's Halfbeak, *Hyporhamphus meeki*, and Atlantic Silverstripe Half beak, *Hyporhamphus unifasciatus*, based on specimens examined by B. B. Collette. Map by W. E. Bemis.

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Fishes of the Western North Atlantic, Part 10

Chapter 4, Family Hemiramphidae Halfbeaks, Page 113.

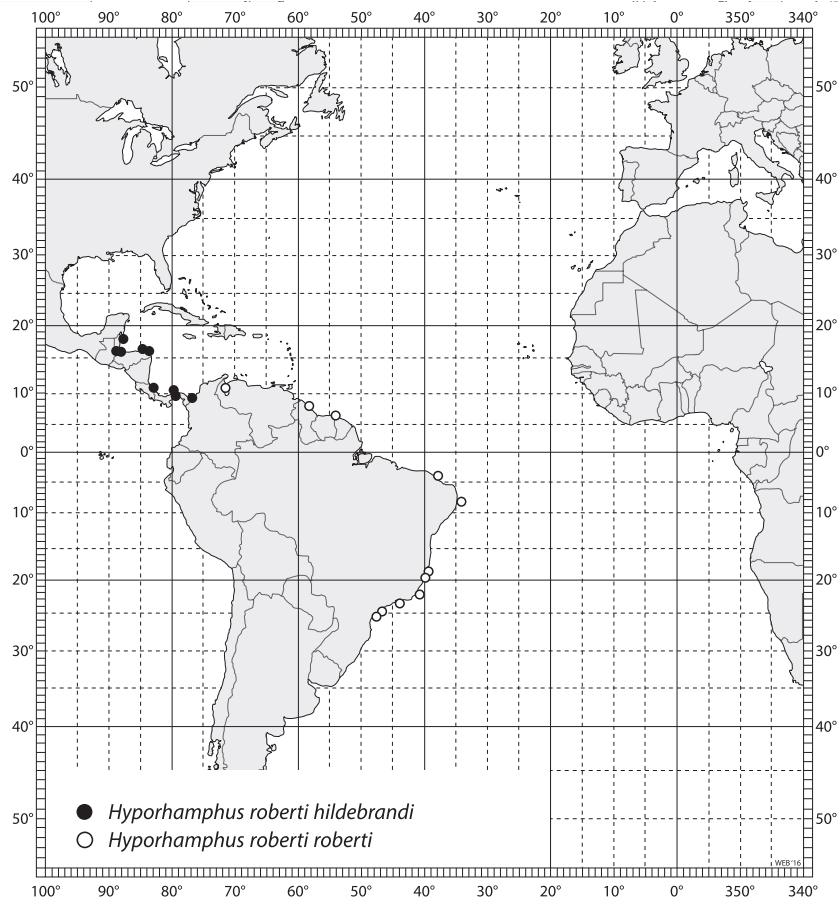


Figure 4.16. Distribution of Pajarito, *Hyporhamphus roberti roberti* and *H. roberti hildebrandi*, based on specimens examined by B. B. Collette. Map by W. E. Bemis.

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Fishes of the Western North Atlantic, Part 10

Chapter 4, Family Hemiramphidae Halfbeaks, Page 123.

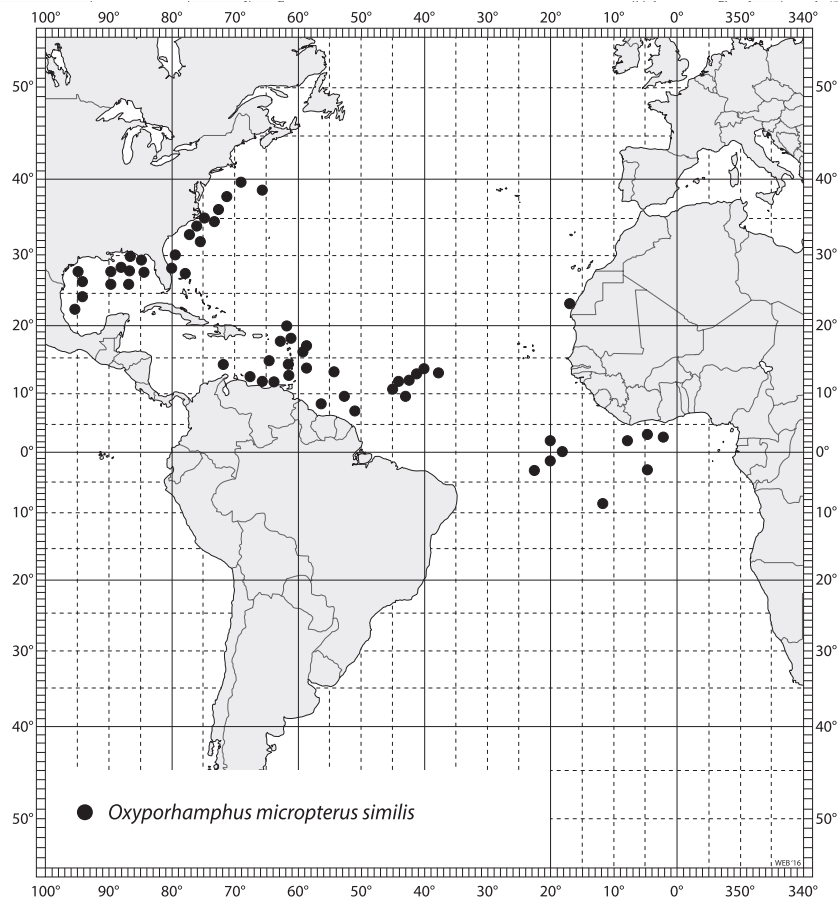


Figure 4.19. Distribution of Atlantic Bigwing Halfbeak, *Oxyporhamphus micropterus similis*, based on specimens examined by B. B. Collette. Map by W. E. Bemis.

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Fishes of the Western North Atlantic, Part 10

Chapter 4, Family Hemiramphidae Halfbeaks, Page 129.

Family Exocoetidae

FLYINGFISHES

NIKOLAY V. PARIN

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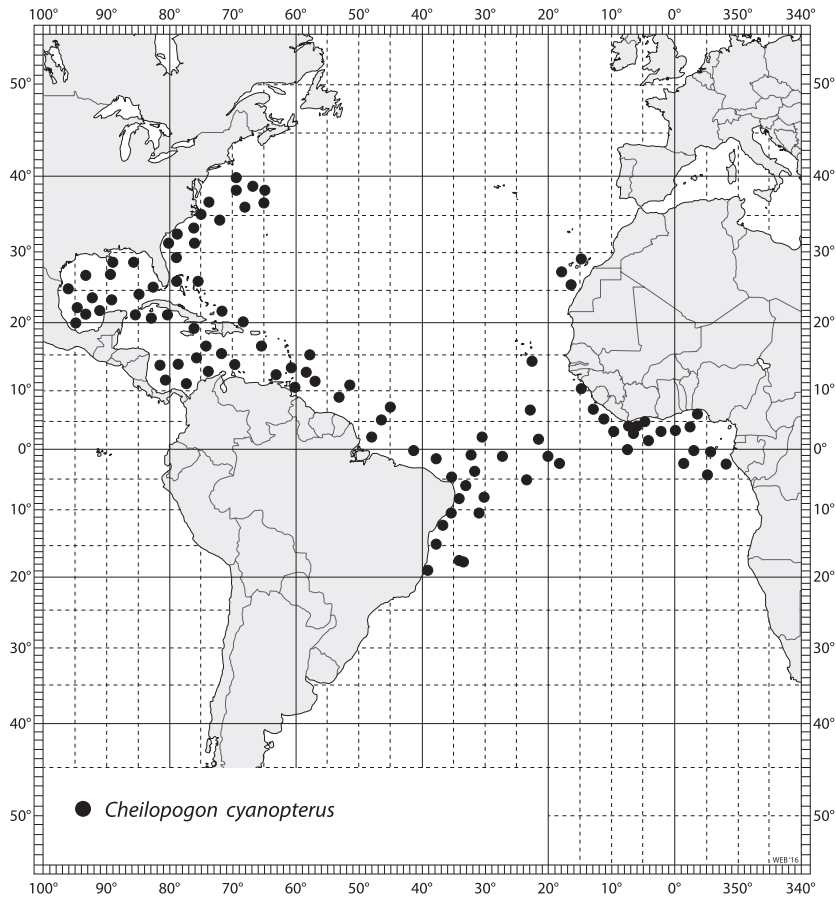


Figure 5.2. Atlantic distribution of Margined Flyingfish, *Cheilopogon cyanopterus*, based on Parin and Belyanina (1996). Map by W. E. Bemis.

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Fishes of the Western North Atlantic, Part 10

Chapter 5, Family Exocoetidae Flyingfishes, page 158.

Fishes of the Western North Atlantic • Order Beloniformes

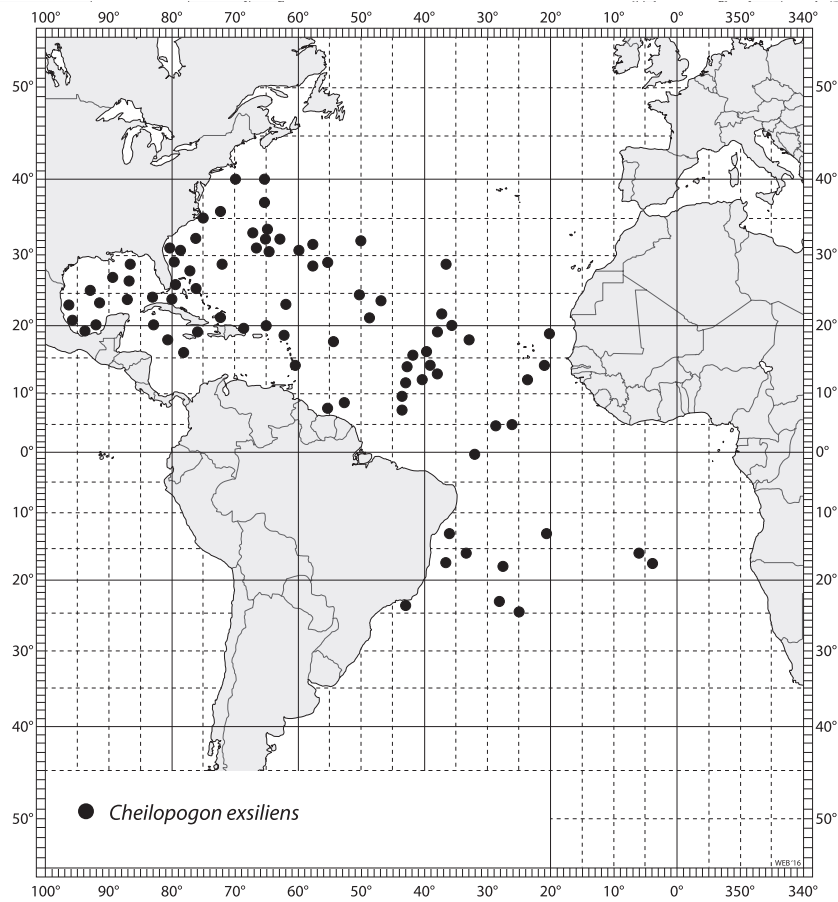


Figure 5.4. Distribution of Bandwing Flyingfish, *Cheilopogon exsiliens*, based on Parin and Belyanina (1996). Map by W. E. Bemis.

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Fishes of the Western North Atlantic, Part 10

Chapter 5, Family Exocoetidae Flyingfishes, page 164.

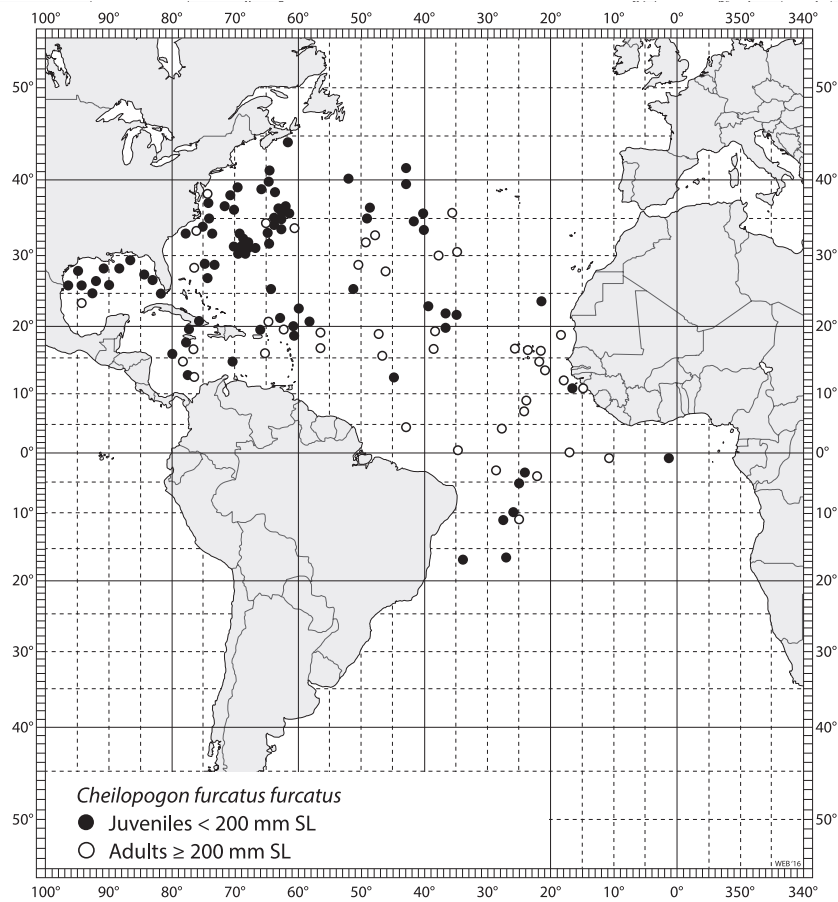


Figure 5.6. Distribution of Spotfin Flyingfish, *Cheilopogon furcatus furcatus*, based on Parin and Belyanina (1998). Map by W. E. Bemis.

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Fishes of the Western North Atlantic, Part 10

Chapter 5, Family Exocoetidae Flyingfishes, page 168

Fishes of the Western North Atlantic • Order Beloniformes

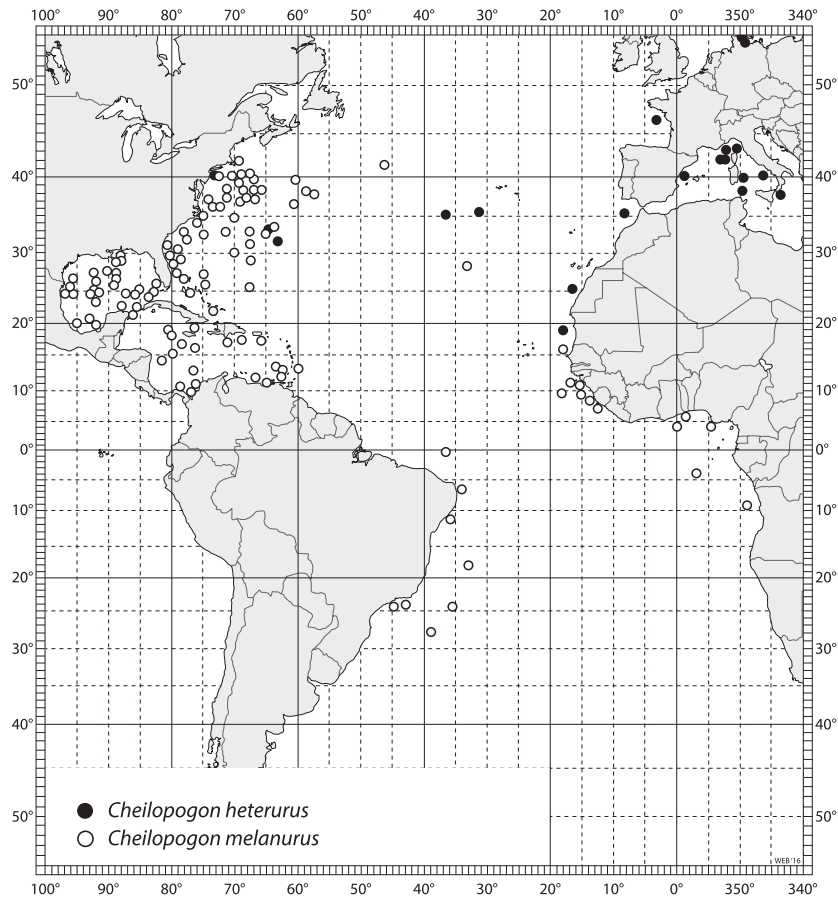


Figure 5.8. Distributions of Blotchwing Flyingfish, *Cheilopogon heterurus*, and Atlantic Flyingfish, *Cheilopogon melanurus*, based on Parin and Belyanina (2000) and Shakhovskoy and Malikova (2018). Map by W. E. Bemis.

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Fishes of the Western North Atlantic, Part 10

Chapter 5, Family Exocoetidae Flyingfishes, page 177.

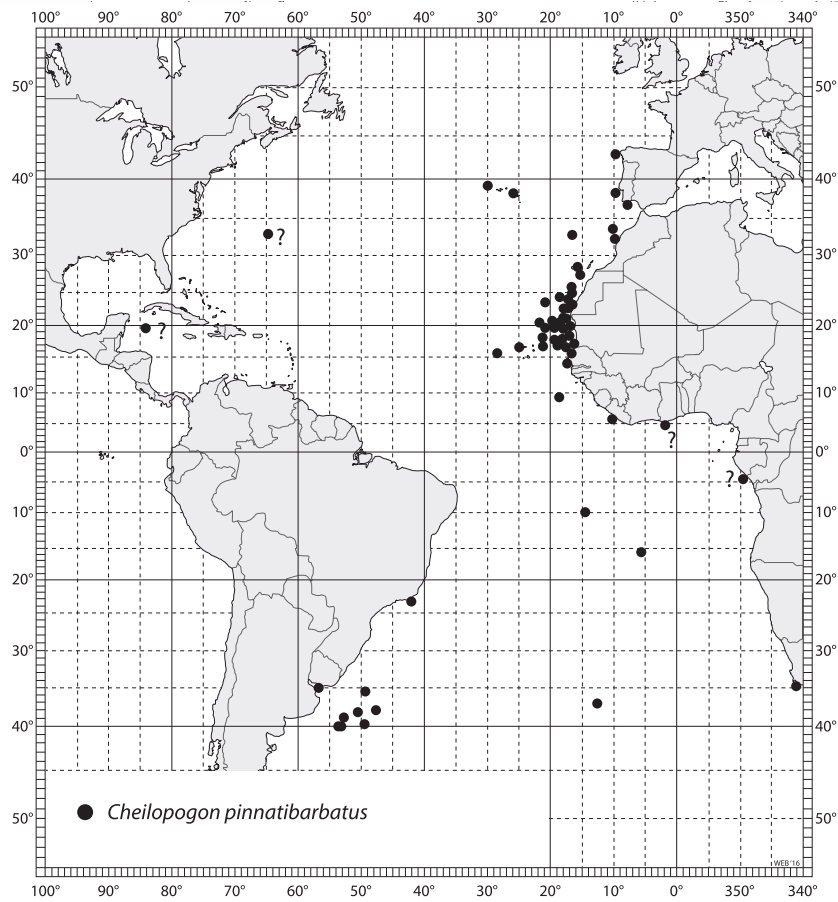


Figure 5.11. Distribution of Bennett's Flyingfish, *Cheilopogon pinnatibarbatus*, based on specimens identified by N. V. Parin and I. B. Shakhovskoy, as well as data from the scientific literature. Map by W. E. Bemis.

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Chapter 5, Family Exocoetidae Flyingfishes, page 185.

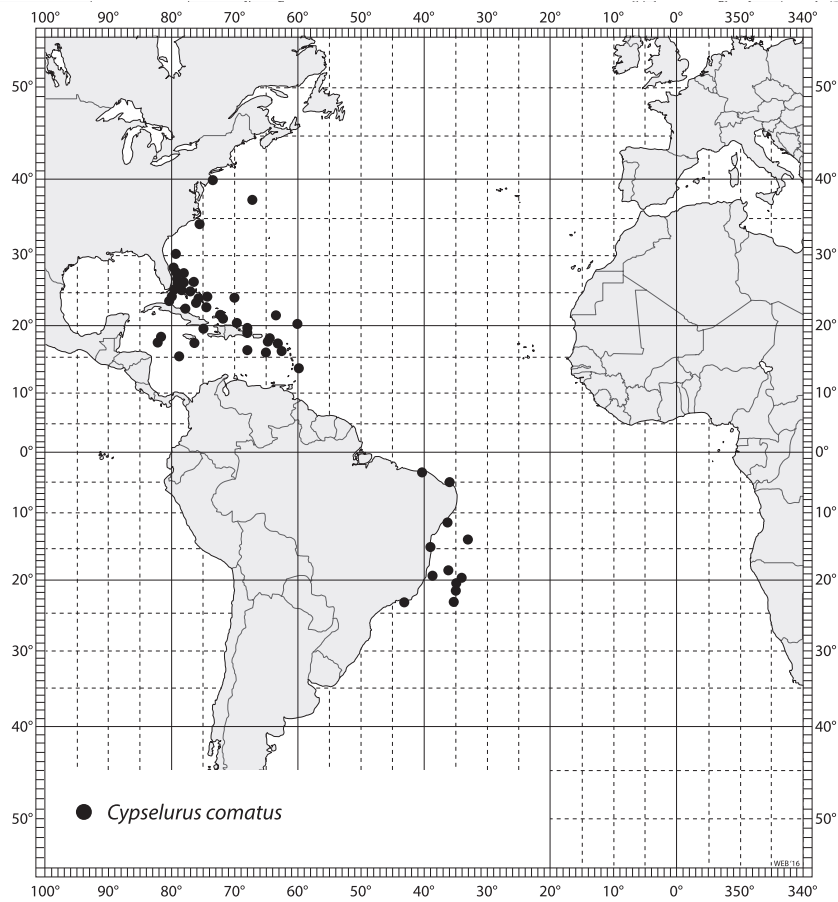


Figure 5.13. Distribution of Clearwing Flyingfish, *Cypselurus comatus*, based on specimens identified by N. V. Parin and I. B. Shakhovskoy, as well as data from the scientific literature. Map by W. E. Bemis.

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Fishes of the Western North Atlantic, Part 10

Chapter 5, Family Exocoetidae Flyingfishes, page 190.

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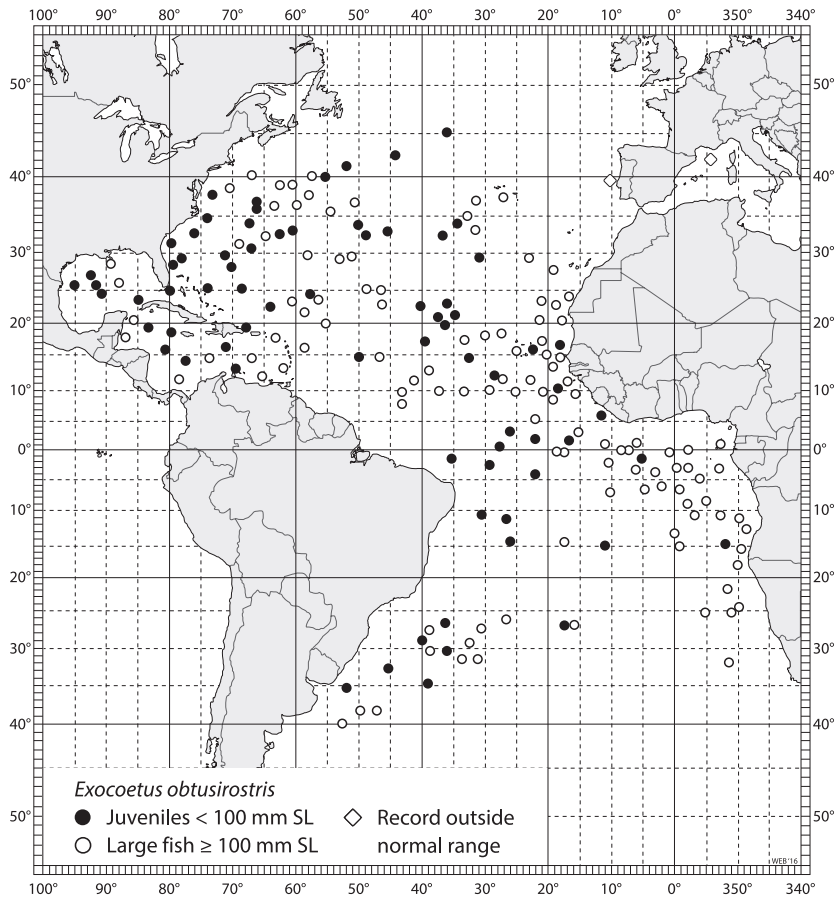


Figure 5.15. Distribution of Oceanic Two-wing Flyingfish, *Exocoetus obtusirostris*, based on Parin and Shakhovskoy (2000). Map by W. E. Bemis.

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Chapter 5, Family Exocoetidae Flyingfishes, page 195.

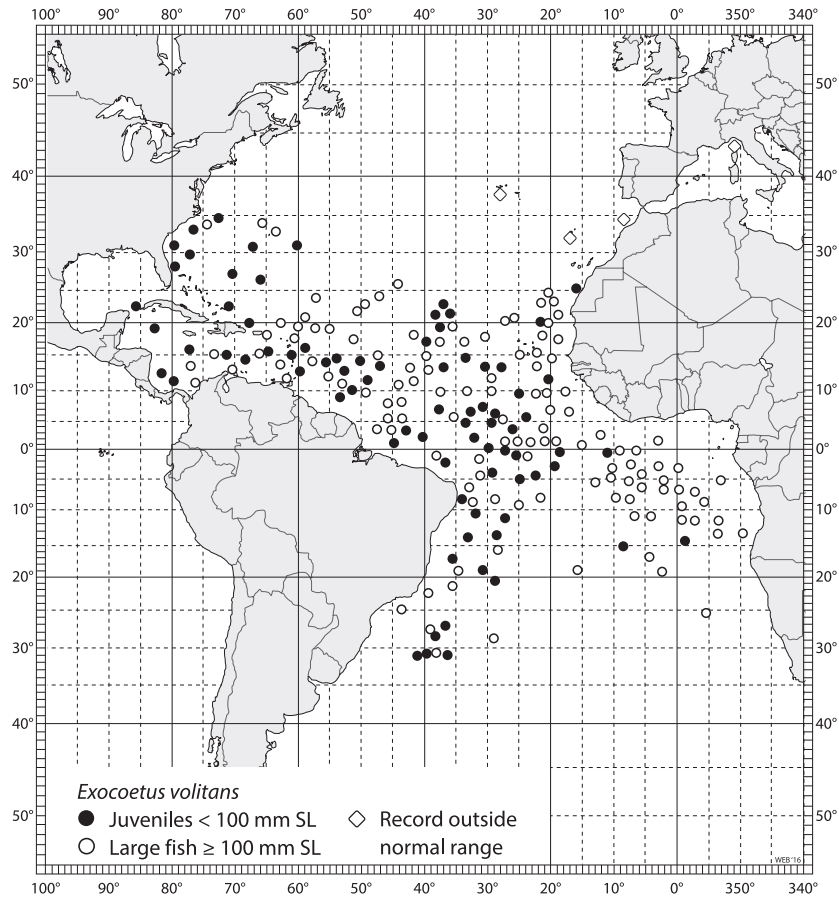


Figure 5.17. Atlantic distribution of Tropical Two-wing Flyingfish, *Exocoetus volitans*, based on Parin and Shakhovskoy (2000). Map by W. E. Bemis.

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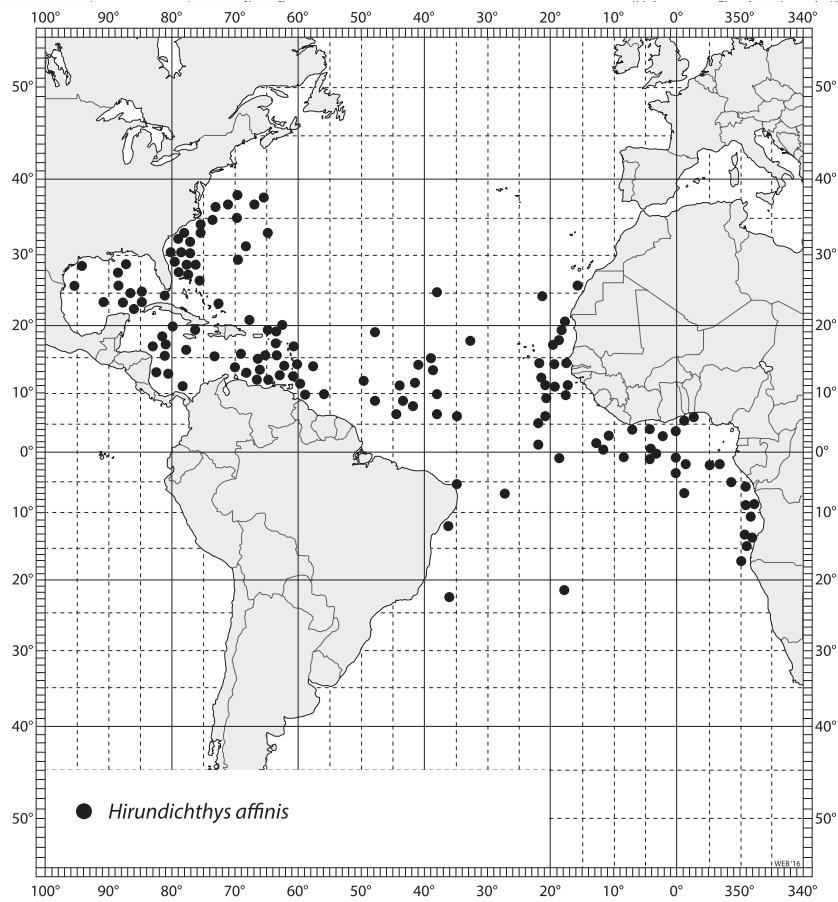


Figure 5.19. Distribution of Fourwing Flyingfish, *Hirundichthys affinis*, based on Shakhovskoy and Parin (2013b). Map by W. E. Bemis.

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Fishes of the Western North Atlantic, Part 10

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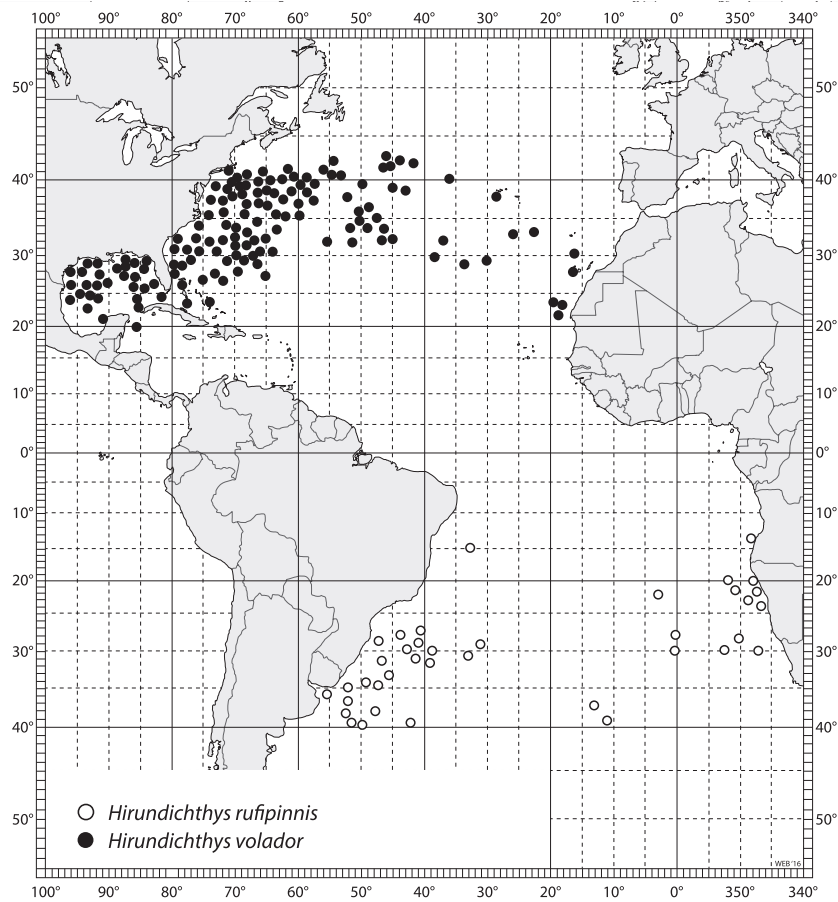


Figure 5.21. Atlantic distribution of Redfin Flyingfish, *Hirundichthys rufipinnis*, and Atlantic Blackwing Flying-fish, *Hirundichthys volador*, based on Parin and Belyanina (2002b). Map by W. E. Bemis.

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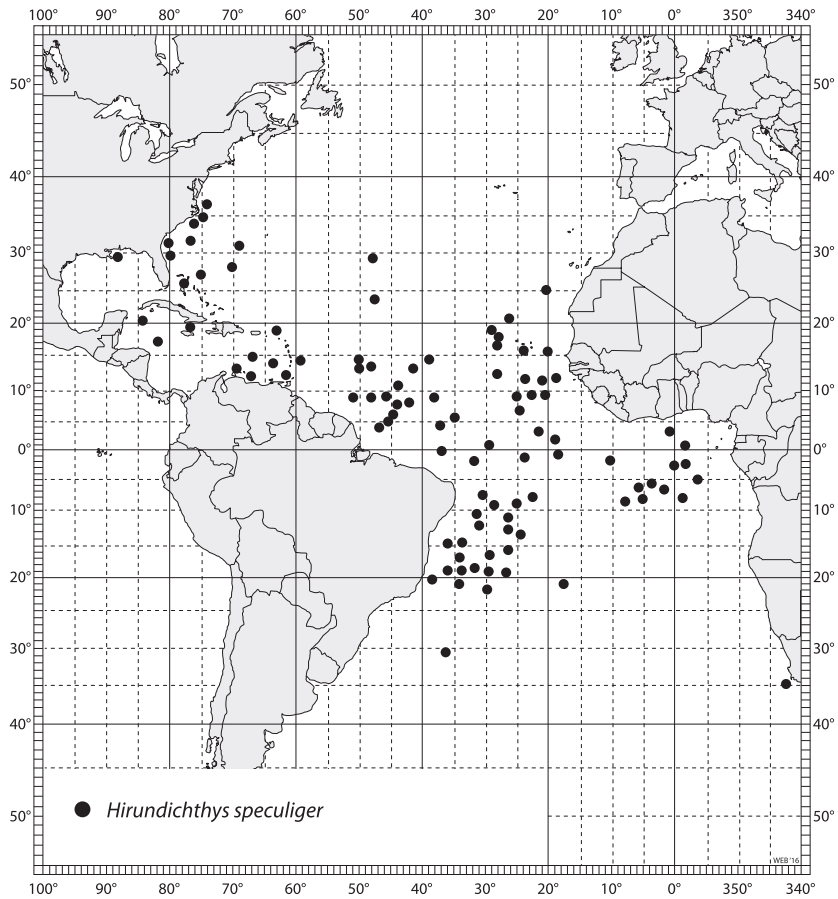


Figure 5.23. Atlantic distribution of Mirrorwing Flying-fish, *Hirundichthys speculiger*, based on Shakhovskoy and Parin (2013a). Map by W. E. Bemis.

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Chapter 5, Family Exocoetidae Flyingfishes, page 214.

Fishes of the Western North Atlantic • Order Beloniformes

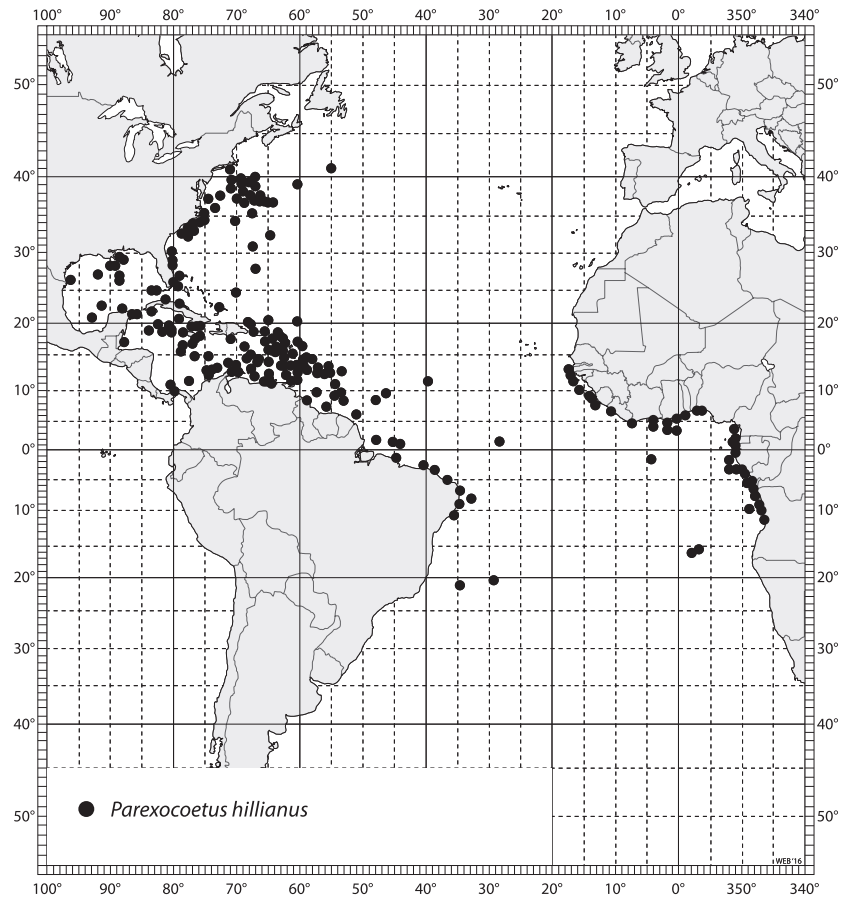


Figure 5.26. Distribution of Atlantic Sailfin Flyingfish, *Parexocoetus hillianus*, based on specimens identified by N. V. Parin and I. B. Shakhovskoy. Map by W. E. Bemis.

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Fishes of the Western North Atlantic, Part 10

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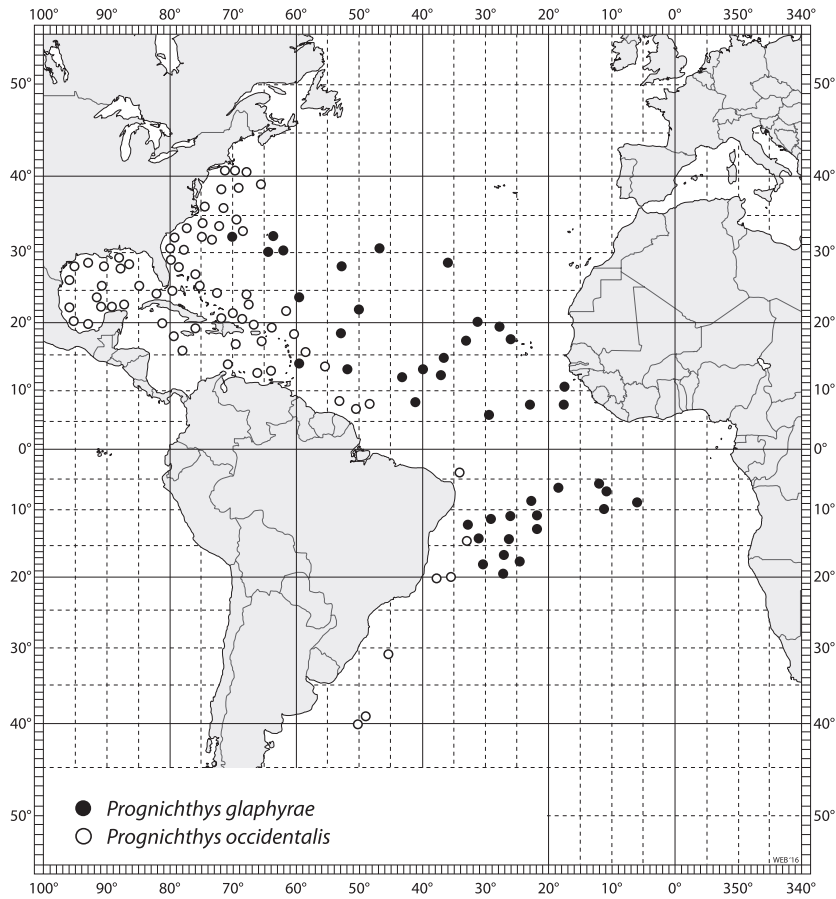


Figure 5.28. Distribution of Oceanic Bluntnose Flying-fish, *Prognichthys glaphyrae*, and Western Bluntnose Flyingfish, *Prognichthys occidentalis*, based on Parin (1999). Map by W. E. Bemis.

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Fishes of the Western North Atlantic, Part 10

Chapter 5, Family Exocoetidae Flyingfishes, page 228.

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Orders Iniomi and Lyomeri
Lizardfishes, Other Iniomi, Deepsea Gulpers

Part Six

Orders Heteromi (Notacanthiformes), Berycomorphi (Beryciformes),
Xenoberyces (Stephanoberyciformes), Anacanthini (Gadiformes)
*Halosauriforms, Killifishes, Squirrelfishes and Other Beryciforms,
Stephanoberyciforms, Grenadiers*

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Neoscopelids, Lanternfishes, and Atlantic Mesopelagic Zoogeography

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Order Gasterosteiformes
Pipefishes and Seahorses

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Orders Anguilliformes and Saccopharyngiformes

Part Nine, Volume Two

Leptocephali

Part Ten

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Needlefishes, Sauries, Halfbeaks, and Flyingfishes

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