Database Management of the VIMS
The Nunnally Ichthyology Collection

Dr. Sarah Huber
Curatorial Associate and Collection Manager
Virginia Institute of Marine Science
Why a Fish Collection?

• Preserve the biodiversity of Virginia
• Voucher specimens for research
• Document invasive species and range expansions
• Serve the broader scientific community
• Education and outreach
Chesapeake Bay and Mid-Atlantic
Deep Sea
Larval Fishes
Orphaned Collections
Preparations

• Fluid preserved fishes: ~45,000 lots
Preparations

- Fluid preserved fishes: ~45,000 lots
- Skeletons: ~500 lots
Preparations

- Fluid preserved fishes: ~45,000 lots
- Skeletons: ~500 lots
- Cleared and stained: ~750 lots
Preparations

• Fluid preserved fishes:  
  ~45,000 lots
• Skeletons:  
  ~500 lots
• Cleared and stained:  
  ~750 lots
• Tissues:  
  ~4,000 individuals
ALLOWS FOR efficient computerization and management of biological collections and mobilization of specimen information onto the Internet.

http://www.specifysoftware.org

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CONSISTS OF a highly customizable, forms-based interface, powerful querying tools and robust report designer for printed output.

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ALLOWS FOR efficient computerization and management of biological collections and mobilization of specimen information onto the Internet.

CONSISTS OF a highly customizable, forms-based interface, powerful querying tools and robust report designer for printed output.

AIMS TO advance biological collections computing, communication, and collaboration through software and services.

http://www.specifysoftware.org

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Data is shared through relationships

Collection Object

Determination

Preparation

Collecting Event

Cataloger

Attributes

Taxon

Locality

Agent

Geography

Relationships

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Data is shared through relationships

Collection Object | Collecting Event | Locality
--- | --- | ---
96290 | 23 September 2004 | Norfolk Canyon
96590 | 21 September 2004 | Norfolk Canyon
96475 | 15 April 2005 | Roanoke River
96476 | 15 April 2005 | Roanoke River
96478 | 19 April 2005 | Roanoke River

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VIMS Nunnally Ichthyology Collection

Please use lower case letters only in the search fields.
• Collections management platform
• Track specimen usage and loans
• Multi-collection/discipline capable
• 3rd party applications - GEOLocate, Google Earth
• Web services and online providers
• Strategic Partnerships (e.g., Morphosource, BCoL)

http://www.specifysoftware.org
Collaborative Research: oVert
Collaborative Research: oVert

Image Ed Stanley
Specimen: vims:vims:13602, Zaprora silenus

Project

oVert: UW - CT Scan all Fishes

Specimen Information

**MorphoSource Identifier:** S19914
**Voucher:** S19914
**Type:** Yes
**Sex:** Male
**Occurrence ID:** d470bd9c-a4b7-4ed5-9bcb-4acd1f4fe918

**Notes:** imported from iDigBio. uuid:dc9e30df-956c-4e65-aefa-4d6f402896d3 Occurrence ID:d470bd9c-a4b7-4ed5-9bcb-4acd1f4fe918

**Locality:** alaska aleutian islands

**Institution:** The Virginia Institute of Marine Science, Gloucester Point, Virginia, USA
Specimen Record

Animalia > Chordata > Actinopterygii > Perciformes > Zaproridae

Zaprora silenus

From VIMS Namally Ichthyology Collection

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Institution Code: Vims
Collection Code: Vims
Catalog Number: 13802
Collected By: Nmis
Date Collected: 2010-07-16

Contents
Summary
Map
Attribution
Citation
All Data
Acknowledgements

- Eric Hilton
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- Zach Randall
- Ed Stanley
- Dave Blackburn
- Specify
- NSF