



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Name of Data **Bush Adult scale archive**  
Sample Collection

Information Description  
(e.g. including location of data/sample collection, # of samples)  
Scales of returning adults from River Bush Adult trap

Information Type **Biological Samples**

Data Type

- Assessment Data
- Tag Release/Recovery
- Freshwater Surveys
- Marine Surveys
- Index River Monitoring
- Genetic Baselines
- Other

Biological Sample Type

- Scales
- Otoliths
- Tissue
- Stomach Contents
- Parasites
- Plankton
- Other

Start Year of Information **1973**

End Year of Information **2019**

Information Source **National**

Jurisdictions included in Data/Samples:

- Canada
- Denmark
- Faroe Islands
- Finland
- France
- Germany
- Greenland
- Ireland
- Norway
- Portugal
- Russia
- Spain
- Sweden
- England & Wales
- N. Ireland
- Scotland
- USA
- Iceland
- St.Pierre et Miquelon
- Unknown
- Potentially All

Information Location, i.e. Institute or Laboratory

**Bushmills**

Information Manager's Name **Dennis Ensing**

Information Manager Email **dennis.ensing@afbini.gov.uk**

Accessibility of Information **On Request**



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Additional Information

**Bush Adult scale archive**

On Request



# IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Name of Data **Bush Smolt scale archive**  
Sample Collection

Information Description  
(e.g. including location of data/sample collection, # of samples)

Scales of descending smolts from River Bush smolt trap

Information Type **Biological Samples**

Data Type

- Assessment Data
- Tag Release/Recovery
- Freshwater Surveys
- Marine Surveys
- Index River Monitoring
- Genetic Baselines
- Other

Biological Sample Type

- Scales
- Otoliths
- Tissue
- Stomach Contents
- Parasites
- Plankton
- Other

Start Year of Information **1973**

End Year of Information **2019**

Information Source **National**

Jurisdictions included in Data/Samples:

- Canada
- Denmark
- Faroe Islands
- Finland
- France
- Germany
- Greenland
- Ireland
- Norway
- Portugal
- Russia
- Spain
- Sweden
- England & Wales
- N. Ireland
- Scotland
- USA
- Iceland
- St.Pierre et Miquelon
- Unknown
- Potentially All

Information Location, i.e. Institute or Laboratory

**Bushmills**

Information Manager's Name **Dennis Ensing**

Information Manager Email **dennis.ensing@afbini.gov.uk**

Accessibility of Information **On Request**



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Additional Information

**Bush Smolt scale archive**

On Request



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Name of Data Sample Collection **Estimated survival of wild smolts (%) to return to homewaters (prior to coastal fisheries) for River Dee (Wales)**

Information Description (e.g. including location of data/sample collection, # of samples) Estimates based on tag recovery rates

Information Type **Data**

Data Type  Assessment Data  
 Tag Release/Recovery  
 Freshwater Surveys  
 Marine Surveys  
 Index River Monitoring  
 Genetic Baselines  
 Other

Biological Sample Type  Scales  
 Otoliths  
 Tissue  
 Stomach Contents  
 Parasites  
 Plankton  
 Other

Start Year of Information **1993**

End Year of Information **Ongoing**

Information Source **National**

Jurisdictions included in Data/Samples:  Canada  
 Denmark  
 Faroe Islands  
 Finland  
 France  
 Germany  
 Greenland  
 Ireland  
 Norway  
 Portugal  
 Russia  
 Spain  
 Sweden  
 England & Wales  
 N. Ireland  
 Scotland  
 USA  
 Iceland  
 St. Pierre et Miquelon  
 Unknown  
 Potentially All

Information Location, i.e. Institute or Laboratory  
**Natural Resources Wales**

Information Manager's Name **Ian Davidson**

Information Manager Email **Ian.Davidson@cyfoethnaturiolcymru.gov.uk**

Accessibility of Information **On Request**



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Additional Information

**Estimated survival of wild smolts (%) to return to homewaters (prior to coastal fisheries) for River Dee (Wales)**

On Request



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Name of Data Sample Collection **Estimated survival of wild smolts (%) to return to homewaters (prior to coastal fisheries) for River Frome (England)**

Information Description (e.g. including location of data/sample collection, # of samples) Estimates based on smolt output from trapping & adult detections at resistivity counter to 2012, on PIT tag detections (2012 onwards)

Information Type **Data**

Data Type  Assessment Data  
 Tag Release/Recovery  
 Freshwater Surveys  
 Marine Surveys  
 Index River Monitoring  
 Genetic Baselines  
 Other

Biological Sample Type  Scales  
 Otoliths  
 Tissue  
 Stomach Contents  
 Parasites  
 Plankton  
 Other

Start Year of Information **2002**

End Year of Information **Ongoing**

Information Source **National**

Jurisdictions included in Data/Samples:  Canada  
 Denmark  
 Faroe Islands  
 Finland  
 France  
 Germany  
 Greenland  
 Ireland  
 Norway  
 Portugal  
 Russia  
 Spain  
 Sweden  
 England & Wales  
 N. Ireland  
 Scotland  
 USA  
 Iceland  
 St. Pierre et Miquelon  
 Unknown  
 Potentially All

Information Location, i.e. Institute or Laboratory  
**Game & Wildlife Conservation Trust / Cefas**

Information Manager's Name **Rasmus Lauridsen**

Information Manager Email **rlauridsen@gwct.org.uk**

Accessibility of Information **On Request**



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Additional Information

**Estimated survival of wild smolts (%) to return to homewaters (prior to coastal fisheries) for River Frome (England)**

On Request





## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Name of Data Sample Collection **Estimated survival of wild smolts (%) to return to homewaters (prior to coastal fisheries) for River Tamar (England)**

Information Description (e.g. including location of data/sample collection, # of samples) Estimates based on tag recovery rates

Information Type **Data**

Data Type  Assessment Data  
 Tag Release/Recovery  
 Freshwater Surveys  
 Marine Surveys  
 Index River Monitoring  
 Genetic Baselines  
 Other

Biological Sample Type  Scales  
 Otoliths  
 Tissue  
 Stomach Contents  
 Parasites  
 Plankton  
 Other

Start Year of Information **2002**

End Year of Information **Ongoing**

Information Source **National**

Jurisdictions included in Data/Samples:  Canada  
 Denmark  
 Faroe Islands  
 Finland  
 France  
 Germany  
 Greenland  
 Ireland  
 Norway  
 Portugal  
 Russia  
 Spain  
 Sweden  
 England & Wales  
 N. Ireland  
 Scotland  
 USA  
 Iceland  
 St. Pierre et Miquelon  
 Unknown  
 Potentially All

Information Location, i.e. Institute or Laboratory  
**Environment Agency**

Information Manager's Name **Rob Hillman**

Information Manager Email **rob.hillman@environment-agency.gov.uk**

Accessibility of Information **On Request**



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Additional Information

**Estimated survival of wild smolts (%) to return to homewaters (prior to coastal fisheries) for River Tamar (England)**

On Request



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Name of Data Sample Collection **External tag recoveries from tagging programmes in Canada, USA, EU, Norway and Russia and International adult salmon tagging at Faroes and Greenland.**

Information Description (e.g. including location of data/sample collection, # of samples) Information on 2,696 external tag recoveries at Faroes and 5,080 tag recoveries from Greenland from smolt releases in homewater countries of EU, N. America, Norway and Russia

Information Type **Data**

Data Type

- Assessment Data
- Tag Release/Recovery
- Freshwater Surveys
- Marine Surveys
- Index River Monitoring
- Genetic Baselines
- Other

Biological Sample Type

- Scales
- Otoliths
- Tissue
- Stomach Contents
- Parasites
- Plankton
- Other

Start Year of Information **1960**

End Year of Information **Ongoing**

Information Source **International**

Jurisdictions included in Data/Samples:

- Canada
- Denmark
- Faroe Islands
- Finland
- France
- Germany
- Greenland
- Ireland
- Norway
- Portugal
- Russia
- Spain
- Sweden
- England & Wales
- N. Ireland
- Scotland
- USA
- Iceland
- St.Pierre et Miquelon
- Unknown
- Potentially All

Information Location, i.e. Institute or Laboratory

Various international laboratories. Centralised database being developed with ICES

Information Manager's Name **Dr Niall Ó Maoiléidigh**

Information Manager Email **niall.omaileidigh@marine.ie**

Accessibility of Information **Developing Protocols**



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Additional Information

**External tag recoveries from tagging programmes in Canada, USA, EU, Norway and Russia and International adult salmon tagging at Faroes and Greenland.**

Parish, B.B. and Horsted, S.A. (eds.). 1980. ICES/ICNAF Joint Investigation on North Atlantic salmon. Rapports et Proces-Verbaux des Reunions du Conseil International pour l'Exploration de la Mer. 176. 146 p.



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Name of Data **Faroes CWT recoveries**  
Sample Collection

Information Description  
(e.g. including location of data/sample collection, # of samples)

Information on 348 tag recoveries of coded wire tags at Faroes from mid 1980's to mid 1990's

Information Type **Data**

Data Type

- Assessment Data
- Tag Release/Recovery
- Freshwater Surveys
- Marine Surveys
- Index River Monitoring
- Genetic Baselines
- Other

Biological Sample Type

- Scales
- Otoliths
- Tissue
- Stomach Contents
- Parasites
- Plankton
- Other

Start Year of Information **1984**

End Year of Information **1996**

Information Source **International**

Jurisdictions included in Data/Samples:

- Canada
- Denmark
- Faroe Islands
- Finland
- France
- Germany
- Greenland
- Ireland
- Norway
- Portugal
- Russia
- Spain
- Sweden
- England & Wales
- N. Ireland
- Scotland
- USA
- Iceland
- St.Pierre et Miquelon
- Unknown
- Potentially All

Information Location, i.e. Institute or Laboratory

Faroes Marine Research Institute  
Marine Institute Ireland

Information Manager's Name **Dr Niall Ó Maoiléidigh**

Information Manager Email **niall.omaileidigh@marine.ie**

Accessibility of Information **Developing Protocols**



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Additional Information

### Faroes CWT recoveries

Jacobsen, J. A., Hansen, L. P., Bakkestuen, V., Halvorsen, R., Reddin, D. G., White, J., O'Maoiléidigh, N., Russell, I.C., Potter, E. C. E., Fowler, M., Smith, G.W., Mork, K. A., Isaksson, A., Oskarsson, S., Karlsson, L., and Pedersen, S. 2012. Distribution by origin and sea age of Atlantic salmon (*Salmo salar*) in the sea around the Faroe Islands based on analysis of historical tag recoveries. *ICES Journal of Marine Science*, 69: 1598 – 1608.  
<http://icesjms.oxfordjournals.org/content/69/9/1598.abstract>



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Name of Data Sample Collection **Fry indexes primary salmon rivers**

Information Description (e.g. including location of data/sample collection, # of samples) Annual assessment of juvenile production of primary salmon rivers in NI

Information Type **Data**

Data Type

- Assessment Data
- Tag Release/Recovery
- Freshwater Surveys
- Marine Surveys
- Index River Monitoring
- Genetic Baselines
- Other

Biological Sample Type

- Scales
- Otoliths
- Tissue
- Stomach Contents
- Parasites
- Plankton
- Other

Start Year of Information **1980**

End Year of Information **2019**

Information Source **National**

Jurisdictions included in Data/Samples:

- Canada
- Denmark
- Faroe Islands
- Finland
- France
- Germany
- Greenland
- Ireland
- Norway
- Portugal
- Russia
- Spain
- Sweden
- England & Wales
- N. Ireland
- Scotland
- USA
- Iceland
- St.Pierre et Miquelon
- Unknown
- Potentially All

Information Location, i.e. Institute or Laboratory

**Bushmills**

Information Manager's Name **Dennis Ensing**

Information Manager Email **dennis.ensing@afbini.gov.uk**

Accessibility of Information **On Request**



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Additional Information

**Fry indexes primary salmon rivers**

On Request





## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Name of Data **Greenland catch data**  
Sample Collection

Information Description (e.g. including location of data/sample collection, # of samples)  
Logbook data and catch data

Information Type **Data**

Data Type

- Assessment Data
- Tag Release/Recovery
- Freshwater Surveys
- Marine Surveys
- Index River Monitoring
- Genetic Baselines
- Other

Biological Sample Type

- Scales
- Otoliths
- Tissue
- Stomach Contents
- Parasites
- Plankton
- Other

Start Year of Information **1960**

End Year of Information **Ongoing**

Information Source **International**

Jurisdictions included in Data/Samples:

- Canada
- Denmark
- Faroe Islands
- Finland
- France
- Germany
- Greenland
- Ireland
- Norway
- Portugal
- Russia
- Spain
- Sweden
- England & Wales
- N. Ireland
- Scotland
- USA
- Iceland
- St.Pierre et Miquelon
- Unknown
- Potentially All

Information Location, i.e. Institute or Laboratory  
**Greenland Institute of Natural Resources, Nuuk, Greenland**

Information Manager's Name **Rasmus Nygaard**

Information Manager Email **rany@natur.gl**

Accessibility of Information **On Request**



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Additional Information

**Greenland catch data**

ICES. 2014. Report of the Working Group on North Atlantic Salmon (WGNAS), 19 – 28 March 2014, Copenhagen, Denmark. ICES CM 2014/ACOM:09. 433 pp.

[Http://www.ices.dk/community/groups/Pages/WGNAS.aspx](http://www.ices.dk/community/groups/Pages/WGNAS.aspx)



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Name of Data **Greenland tag recaptures**  
Sample Collection

Information Description (e.g. including location of data/sample collection, # of samples)  
All known recaptures of CWTs and external tags in the West Greenland fishery

Information Type **Data**

Data Type

- Assessment Data
- Tag Release/Recovery
- Freshwater Surveys
- Marine Surveys
- Index River Monitoring
- Genetic Baselines
- Other

Biological Sample Type

- Scales
- Otoliths
- Tissue
- Stomach Contents
- Parasites
- Plankton
- Other

Start Year of Information **1963**

End Year of Information **Ongoing**

Information Source **International**

Jurisdictions included in Data/Samples:

- Canada
- Denmark
- Faroe Islands
- Finland
- France
- Germany
- Greenland
- Ireland
- Norway
- Portugal
- Russia
- Spain
- Sweden
- England & Wales
- N. Ireland
- Scotland
- USA
- Iceland
- St.Pierre et Miquelon
- Unknown
- Potentially All

Information Location, i.e. Institute or Laboratory

**Cefas. Lowestoft, UK**

Information Manager's Name **Ian Russell**

Information Manager Email **ian.russell@cefas.co.uk**

Accessibility of Information **On Request**



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Additional Information

### Greenland tag recaptures

Reddin, D. G., Hansen, L. P., Bakkestuen, V., Russell, I., White, J., Potter, E. C. E., Dempson, J. B., Sheehan, T. F., O' Maoiléidigh, N., Smith, G. W., Isaksson, A., Jacobsen, J. A., Fowler, M., Mork, K. A., and Amiro, P. 2012. Distribution and biological characteristics of Atlantic salmon (*Salmo salar*) at Greenland based on the analysis of historical tag recoveries. *ICES Journal of Marine Science*, 69: 1589 – 1597.

<http://icesjms.oxfordjournals.org/content/69/9/1589.abstract>



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Name of Data Sample Collection **Kolarctic Coastal samples**

Information Description (e.g. including location of data/sample collection, # of samples) Scale samples collected from coastal fisheries for Atlantic salmon in Nordland, Troms and Finnmark counties, Norway. In total over 26,000 samples were collected, analysed for origin (wild/farmed), smolt and sea age. Scales were also used for genetic analysis, and individual fish were assigned to region and river origin by comparison to a comprehensive genetic baseline of 185 rivers.

Information Type **Biological Samples**

Data Type

- Assessment Data
- Tag Release/Recovery
- Freshwater Surveys
- Marine Surveys
- Index River Monitoring
- Genetic Baselines
- Other

Biological Sample Type

- Scales
- Otoliths
- Tissue
- Stomach Contents
- Parasites
- Plankton
- Other

Start Year of Information **2008**

End Year of Information **2012**

Information Source **International**

Jurisdictions included in Data/Samples:

- Canada
- Denmark
- Faroe Islands
- Finland
- France
- Germany
- Greenland
- Ireland
- Norway
- Portugal
- Russia
- Spain
- Sweden
- England & Wales
- N. Ireland
- Scotland
- USA
- Iceland
- St.Pierre et Miquelon
- Unknown
- Potentially All

Information Location, i.e. Institute or Laboratory  
**Institute of Marine Research, Bergen, Norway**

Information Manager's Name **Vidar Wennevik**

Information Manager Email **Vidar.Wennevik@imr.no**

Accessibility of Information **On Request**



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Additional Information

**Kolarctic Coastal samples**

[http://prosjekt.fylkesmannen.no/Documents/Kolarctic%20salmon/Dokument/Scientific%20reports/KO197\\_Kolarctic%20salmon\\_summary%202011-2012%20-%20Report%20III\\_12.3%20Web.pdf](http://prosjekt.fylkesmannen.no/Documents/Kolarctic%20salmon/Dokument/Scientific%20reports/KO197_Kolarctic%20salmon_summary%202011-2012%20-%20Report%20III_12.3%20Web.pdf)



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Name of Data Sample Collection **Long-term variation in population dynamics, life history and exploitation of salmon stock in the index river Ätran, Sweden**

Information Description (e.g. including location of data/sample collection, # of samples) The objective is to estimate long-term variation of survival in different life stages, life history characteristics, stock/recruitment and growth of wild salmon in the Index River Ätran with its major tributary Högvadsån. Estimates of sea survival and exploitation are provided from pit tags as of 2018 (previously Carlin tags).

Information Type **Data**

Data Type

- Assessment Data
- Tag Release/Recovery
- Freshwater Surveys
- Marine Surveys
- Index River Monitoring
- Genetic Baselines
- Other

Biological Sample Type

- Scales
- Otoliths
- Tissue
- Stomach Contents
- Parasites
- Plankton
- Other

Start Year of Information **1954**

End Year of Information **Ongoing**

Information Source **National**

Jurisdictions included in Data/Samples:

- Canada
- Denmark
- Faroe Islands
- Finland
- France
- Germany
- Greenland
- Ireland
- Norway
- Portugal
- Russia
- Spain
- Sweden
- England & Wales
- N. Ireland
- Scotland
- USA
- Iceland
- St. Pierre et Miquelon
- Unknown
- Potentially All

Information Location, i.e. Institute or Laboratory

Swedish University of Agricultural Sciences, Department of aquatic resources.

Information Manager's Name **Erik Degerman**

Information Manager Email **erik.degerman@slu.se**

Accessibility of Information **On Request**



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Additional Information

**Long-term variation in population dynamics, life history and exploitation of salmon stock in the index river Ätran, Sweden**

On Request





# IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Name of Data Sample Collection **Marine Survival Timeseries Bush wild/hatchery**

Information Description (e.g. including location of data/sample collection, # of samples) Data on marine survival of River Bush wild and hatchery smolts

Information Type **Data**

- Data Type
- Assessment Data
  - Tag Release/Recovery
  - Freshwater Surveys
  - Marine Surveys
  - Index River Monitoring
  - Genetic Baselines
  - Other

- Biological Sample Type
- Scales
  - Otoliths
  - Tissue
  - Stomach Contents
  - Parasites
  - Plankton
  - Other

Start Year of Information **1973**

End Year of Information **2020**

Information Source **National**

- Jurisdictions included in Data/Samples:
- Canada
  - Denmark
  - Faroe Islands
  - Finland
  - France
  - Germany
  - Greenland
  - Ireland
  - Norway
  - Portugal
  - Russia
  - Spain
  - Sweden
  - England & Wales
  - N. Ireland
  - Scotland
  - USA
  - Iceland
  - St.Pierre et Miquelon
  - Unknown
  - Potentially All

Information Location, i.e. Institute or Laboratory

**Bushmills**

Information Manager's Name **Dennis Ensing**

Information Manager Email **dennis.ensing@afbini.gov.uk**

Accessibility of Information **On Request**



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Additional Information

**Marine Survival Timeseries Bush wild/hatchery**



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Name of Data **North American Run Reconstruction Data**  
Sample Collection

Information Description (e.g. including location of data/sample collection, # of samples) Seven base files in Excel format that contain catch data, returns data, and spawners data by jurisdiction

Information Type **Data**

Data Type  Assessment Data  
 Tag Release/Recovery  
 Freshwater Surveys  
 Marine Surveys  
 Index River Monitoring  
 Genetic Baselines  
 Other

Biological Sample Type  Scales  
 Otoliths  
 Tissue  
 Stomach Contents  
 Parasites  
 Plankton  
 Other

Start Year of Information **1970**

End Year of Information **Ongoing**

Information Source **National**

Jurisdictions included in Data/Samples:  Canada  
 Denmark  
 Faroe Islands  
 Finland  
 France  
 Germany  
 Greenland  
 Ireland  
 Norway  
 Portugal  
 Russia  
 Spain  
 Sweden  
 England & Wales  
 N. Ireland  
 Scotland  
 USA  
 Iceland  
 St.Pierre et Miquelon  
 Unknown  
 Potentially All

Information Location, i.e. Institute or Laboratory

ICES Working Group North Atlantic Salmon Reports and ICES Sharepoint site

Information Manager's Name **ICES**

Information Manager Email **info@ices.dk**

Accessibility of Information **On Request**



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Additional Information

### North American Run Reconstruction Data

Rago, P.J., Meerburg, D.J., Reddin, D.G., Chaput, G.J., Marshal, T.L., Dempson, B., Caron, F., Porter, T.R., Friedland, K.D. and Baum, E.T. 1993. A continental run reconstruction model for the non-maturing component of North American Atlantic salmon: analysis of fisheries in Greenland and Newfoundland Labrador, 1974 – 1991. ICES CM 1993/M: 24, 21 pp.

Rago, P.J., Reddin, D.G., Porter, T.R., Meerburg, D.J., Friedland, K.D. and Potter, E.C.E. 1993. Estimation and analysis of pre-fishery abundance of the two-sea-winter populations of North American Atlantic salmon (*Salmo salar* L.), 1974 – 1991. ICES CM 1993/M: 25, 33 pp.

Chaput, G., Legault, C.M., Reddin, D.G., Caron, F. and Amiro, P.G. 2005. Provision of catch advice taking account of non-stationarity in productivity of Atlantic salmon (*Salmo salar* L.) in the Northwest Atlantic. ICES Journal of Marine Science 62: 131 – 143.

<http://icesjms.oxfordjournals.org/content/62/1/131.full>

ICES. 2014. Report of the Working Group on North Atlantic Salmon (WGNAS), 19 – 28 March 2014, Copenhagen, Denmark. ICES CM 2014/ACOM:09. 433 pp.

<Http://www.ices.dk/community/groups/Pages/WGNAS.aspx>



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Name of Data **North-East Atlantic run reconstruction data**  
Sample Collection

Information Description (e.g. including location of data/sample collection, # of samples) National catches, non-reporting rates, exploitation rates, return times, sex ratios, fecundities, smolt age composition

Information Type **Data**

Data Type  Assessment Data  
 Tag Release/Recovery  
 Freshwater Surveys  
 Marine Surveys  
 Index River Monitoring  
 Genetic Baselines  
 Other

Biological Sample Type  Scales  
 Otoliths  
 Tissue  
 Stomach Contents  
 Parasites  
 Plankton  
 Other

Start Year of Information **1970**

End Year of Information **Ongoing**

Information Source **International**

Jurisdictions included in Data/Samples:  Canada  
 Denmark  
 Faroe Islands  
 Finland  
 France  
 Germany  
 Greenland  
 Ireland  
 Norway  
 Portugal  
 Russia  
 Spain  
 Sweden  
 England & Wales  
 N. Ireland  
 Scotland  
 USA  
 Iceland  
 St.Pierre et Miquelon  
 Unknown  
 Potentially All

Information Location, i.e. Institute or Laboratory  
**ICES WGNAS Reports and ICES Sharepoint site**

Information Manager's Name **ICES**

Information Manager Email **info@ices.dk**

Accessibility of Information **On Request**



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Additional Information

### North-East Atlantic run reconstruction data

Potter, E.C.E., Crozier, W.W., Schön, P-J., Nicholson, M.D., Prévost, E., Erkinaro, J., Gudbergsson, G., Karlsson, L., Hansen, L.P., MacLean, J.C., Ó Maoiléidigh, N., and Prusov, S. 2004. Estimating and forecasting pre-fishery abundance of Atlantic salmon (*Salmo salar* L.) in the Northeast Atlantic for the management of mixed stock fisheries. *ICES Journal of Marine Science* 61: 1359 – 1369.

<http://icesjms.oxfordjournals.org/content/61/8/1359.full>

ICES. 2014. Report of the Working Group on North Atlantic Salmon (WGNAS), 19 – 28 March 2014, Copenhagen, Denmark. ICES CM 2014/ACOM:09. 433 pp.

[Http://www.ices.dk/community/groups/Pages/WGNAS.aspx](http://www.ices.dk/community/groups/Pages/WGNAS.aspx)



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Name of Data Sample Collection **Northern Ireland CWT programme**

Information Description (e.g. including location of data/sample collection, # of samples) Data on CWT recovery in the Northern Irish commercial salmon fisheries

Information Type **Data**

Data Type  Assessment Data  
 Tag Release/Recovery  
 Freshwater Surveys  
 Marine Surveys  
 Index River Monitoring  
 Genetic Baselines  
 Other

Biological Sample Type  Scales  
 Otoliths  
 Tissue  
 Stomach Contents  
 Parasites  
 Plankton  
 Other

Start Year of Information **1980**

End Year of Information **2012**

Information Source **International**

Jurisdictions included in Data/Samples:  Canada  
 Denmark  
 Faroe Islands  
 Finland  
 France  
 Germany  
 Greenland  
 Ireland  
 Norway  
 Portugal  
 Russia  
 Spain  
 Sweden  
 England & Wales  
 N. Ireland  
 Scotland  
 USA  
 Iceland  
 St.Pierre et Miquelon  
 Unknown  
 Potentially All

Information Location, i.e. Institute or Laboratory

**Bushmills**

Information Manager's Name **Dennis Ensing**

Information Manager Email **dennis.ensing@afbini.gov.uk**

Accessibility of Information **On Request**



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Additional Information

**Northern Ireland CWT programme**

On Request





# IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Name of Data Sample Collection **Northern Ireland SALSEA baseline**

Information Description (e.g. including location of data/sample collection, # of samples) Genetic baseline of NI salmon populations using the SALSEA panel of microsatellites

Information Type **Data**

- Data Type
- Assessment Data
  - Tag Release/Recovery
  - Freshwater Surveys
  - Marine Surveys
  - Index River Monitoring
  - Genetic Baselines
  - Other

- Biological Sample Type
- Scales
  - Otoliths
  - Tissue
  - Stomach Contents
  - Parasites
  - Plankton
  - Other

Start Year of Information **2006**

End Year of Information **2015**

Information Source **National**

- Jurisdictions included in Data/Samples:
- Canada
  - Denmark
  - Faroe Islands
  - Finland
  - France
  - Germany
  - Greenland
  - Ireland
  - Norway
  - Portugal
  - Russia
  - Spain
  - Sweden
  - England & Wales
  - N. Ireland
  - Scotland
  - USA
  - Iceland
  - St.Pierre et Miquelon
  - Unknown
  - Potentially All

Information Location, i.e. Institute or Laboratory  
**Bushmills**

Information Manager's Name **Dennis Ensing**

Information Manager Email **dennis.ensing@afbini.gov.uk**

Accessibility of Information **On Request**



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Additional Information

**Northern Ireland SALSEA baseline**

On Request



# IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Name of Data Sample Collection **Northern Irish CL monitoring**

Information Description (e.g. including location of data/sample collection, # of samples) **Assessment of compliance against CL and MT of NI salmon rivers**

Information Type **Data**

- Data Type
- Assessment Data
  - Tag Release/Recovery
  - Freshwater Surveys
  - Marine Surveys
  - Index River Monitoring
  - Genetic Baselines
  - Other

- Biological Sample Type
- Scales
  - Otoliths
  - Tissue
  - Stomach Contents
  - Parasites
  - Plankton
  - Other

Start Year of Information **2004**

End Year of Information **2019**

Information Source **National**

- Jurisdictions included in Data/Samples:
- Canada
  - Denmark
  - Faroe Islands
  - Finland
  - France
  - Germany
  - Greenland
  - Ireland
  - Norway
  - Portugal
  - Russia
  - Spain
  - Sweden
  - England & Wales
  - N. Ireland
  - Scotland
  - USA
  - Iceland
  - St.Pierre et Miquelon
  - Unknown
  - Potentially All

Information Location, i.e. Institute or Laboratory

**Bushmills**

Information Manager's Name **Dennis Ensing**

Information Manager Email **dennis.ensing@afbini.gov.uk**

Accessibility of Information **On Request**



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Additional Information

**Northern Irish CL monitoring**

On Request



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Name of Data Sample Collection **PINRO Atlantic salmon scales collection**

Information Description (e.g. including location of data/sample collection, # of samples) Atlantic salmon scales collected in rivers within the Kola Peninsula, Russia during annual surveys. Over 160,000 samples were collected and read for smolt and sea age.

Information Type **Biological Samples**

Data Type  Assessment Data  
 Tag Release/Recovery  
 Freshwater Surveys  
 Marine Surveys  
 Index River Monitoring  
 Genetic Baselines  
 Other

Biological Sample Type  Scales  
 Otoliths  
 Tissue  
 Stomach Contents  
 Parasites  
 Plankton  
 Other

Start Year of Information **1960**

End Year of Information **Ongoing**

Information Source **National**

Jurisdictions included in Data/Samples:  Canada  
 Denmark  
 Faroe Islands  
 Finland  
 France  
 Germany  
 Greenland  
 Ireland  
 Norway  
 Portugal  
 Russia  
 Spain  
 Sweden  
 England & Wales  
 N. Ireland  
 Scotland  
 USA  
 Iceland  
 St.Pierre et Miquelon  
 Unknown  
 Potentially All

Information Location, i.e. Institute or Laboratory  
The Knipovich Polar Research Institute of Marine Fisheries and Oceanography (PINRO), Murmansk, Russia

Information Manager's Name **Sergey Prusov**

Information Manager Email **prusov@pinro.ru**

Accessibility of Information **Developing Protocols**



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Additional Information

**PINRO Atlantic salmon scales collection**

On Request



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Name of Data Sample Collection **Saint-Pierre and Miquelon Salmon Fishery Sampling Program**

Information Description (e.g. including location of data/sample collection, # of samples) Sampling program of salmon harvested at sea around St Pierre et Miquelon by recreational fishery. The project was developed through co-operation with NASCO and was designed so as to include three components: - A biometric study - A genetic study - A disease and parasite study. In 2020, the sampling program of salmon harvested at sea around St Pierre et Miquelon was continued by Ifremer between 28 May and 10 July. 116 salmon, harvested around both islands of Miquelon and St Pierre, were measured and weighted (+ 12% compared to 2019, 21% of total catches). The collaboration between Ifremer-St Pierre and Miquelon and DFO-Newfoundland and Labrador set up in 2013 and continued in 2019. Scales and tissue samples taken from the 116 salmon were transmitted by Ifremer to the DFO laboratory in St John's, Newfoundland for age determination and genetic analyses.

Information Type **Biological Samples**

Data Type

- Assessment Data
- Tag Release/Recovery
- Freshwater Surveys
- Marine Surveys
- Index River Monitoring
- Genetic Baselines
- Other

Biological Sample Type

- Scales
- Otoliths
- Tissue
- Stomach Contents
- Parasites
- Plankton
- Other

Start Year of Information **2020**

End Year of Information **2020**

Information Source **National**

Jurisdictions included in Data/Samples:

- Canada
- Denmark
- Faroe Islands
- Finland
- France
- Germany
- Greenland
- Ireland
- Norway
- Portugal
- Russia
- Spain
- Sweden
- England & Wales
- N. Ireland
- Scotland
- USA
- Iceland
- St. Pierre et Miquelon
- Unknown
- Potentially All

Information Location, i.e. Institute or Laboratory

**France (In respect of St Pierre and Miquelon)**

Information Manager's Name **Herlé Goraguer**

Information Manager Email **herle.goraguer@ifremer.fr**



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Accessibility of Information





## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Additional Information

**Saint-Pierre and Miquelon Salmon Fishery Sampling Program**



# IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Name of Data Sample Collection **Salmon Genetic Samples**

Information Description (e.g. including location of data/sample collection, # of samples)

Samples of Hatchery and wild caught Salmon in the Rhine System

Information Type **Biological Samples**

Data Type

- Assessment Data
- Tag Release/Recovery
- Freshwater Surveys
- Marine Surveys
- Index River Monitoring
- Genetic Baselines
- Other

Biological Sample Type

- Scales
- Otoliths
- Tissue
- Stomach Contents
- Parasites
- Plankton
- Other

Start Year of Information **2017**

End Year of Information **2025**

Information Source **International**

Jurisdictions included in Data/Samples:

- Canada
- Denmark
- Faroe Islands
- Finland
- France
- Germany
- Greenland
- Ireland
- Norway
- Portugal
- Russia
- Spain
- Sweden
- England & Wales
- N. Ireland
- Scotland
- USA
- Iceland
- St.Pierre et Miquelon
- Unknown
- Potentially All

Information Location, i.e. Institute or Laboratory

International Commission for the Protection of the Rhine (ICPR) in Koblenz

Information Manager's Name **Pascal Vonlanthen / Laura Poinsot**

Information Manager Email **p.vonlanthen@aquabios.ch / laura.poinsot@iksr.de**

Accessibility of Information **On Request**



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Additional Information

Salmon Genetic Samples



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Name of Data Sample Collection **SALSEA - Merge biological samples**

Information Description (e.g. including location of data/sample collection, # of samples) Held in various locations and includes samples analysed and those yet to be analysed. Some samples are committed to existing studies.

Information Type **Biological Samples**

Data Type

- Assessment Data
- Tag Release/Recovery
- Freshwater Surveys
- Marine Surveys
- Index River Monitoring
- Genetic Baselines
- Other

Biological Sample Type

- Scales
- Otoliths
- Tissue
- Stomach Contents
- Parasites
- Plankton
- Other

Start Year of Information **2008**

End Year of Information **2009**

Information Source **International**

Jurisdictions included in Data/Samples:

- Canada
- Denmark
- Faroe Islands
- Finland
- France
- Germany
- Greenland
- Ireland
- Norway
- Portugal
- Russia
- Spain
- Sweden
- England & Wales
- N. Ireland
- Scotland
- USA
- Iceland
- St.Pierre et Miquelon
- Unknown
- Potentially All

Information Location, i.e. Institute or Laboratory

Marine Institute Ireland  
Faroes Marine Research Institute  
Institute of Marine Research Norway

Information Manager's Name **Dr Niall Ó Maoiléidigh**

Information Manager Email **niall.omaileidigh@marine.ie**

Accessibility of Information **Developing Protocols**



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Additional Information

**SALSEA - Merge biological samples**

<http://www.nasco.int/sas/salsea.htm>

Jensen, A. J., O'Maoiléidigh, N., Thomas, K., Einarsson, S. M., Haugland, M., Erkinaro, J., Fiske, P., Friedland, K. D., Gudmundsdottir, A. K., Haantie, J., Holm, M., Holst, J. C., Jacobsen, J. A., Jensås, J. G., Kuusela, J., Melle, W., Mork, K. A., Wennevik, V., and Østborg, G. M. 2012. Age and fine-scale marine growth of Atlantic salmon post-smolts in the Northeast Atlantic. – *ICES Journal of Marine Science*, 69: 1668 – 1677.

<http://icesjms.oxfordjournals.org/content/69/9/1668.abstract>



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Name of Data Sample Collection **SALSEA - Merge Genetics Database: Genetically-based Regional Assignment of Atlantic Salmon Protocol (GRAASP)**

Information Description (e.g. including location of data/sample collection, # of samples) Genetic profiles are now available in for some 26, 813 individuals from 467 locations in 284 rivers across Europe as well as genetic assignments of samples taken in the SALSEA Merge surveys

Information Type **Data**

Data Type

- Assessment Data
- Tag Release/Recovery
- Freshwater Surveys
- Marine Surveys
- Index River Monitoring
- Genetic Baselines
- Other

Biological Sample Type

- Scales
- Otoliths
- Tissue
- Stomach Contents
- Parasites
- Plankton
- Other

Start Year of Information **2008**

End Year of Information **2009**

Information Source **International**

Jurisdictions included in Data/Samples:

- Canada
- Denmark
- Faroe Islands
- Finland
- France
- Germany
- Greenland
- Ireland
- Norway
- Portugal
- Russia
- Spain
- Sweden
- England & Wales
- N. Ireland
- Scotland
- USA
- Iceland
- St. Pierre et Miquelon
- Unknown
- Potentially All

Information Location, i.e. Institute or Laboratory

Marine Scotland, Freshwater Laboratory, Pitlochry, Scotland, UK

Information Manager's Name **Dr. John Gilbey**

Information Manager Email **J.A.Gilbey@marlab.ac.uk**

Accessibility of Information **Developing Protocols**



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Additional Information

**SALSEA - Merge Genetics Database: Genetically-based Regional Assignment of Atlantic Salmon Protocol (GRAASP)**



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Name of Data Sample Collection **SALSEA - Merge Marine Feeding**

Information Description (e.g. including location of data/sample collection, # of samples) Information on stomach contents of adult salmon and post-smolts taken in SALSEA Merge research surveys

Information Type **Data**

Data Type

- Assessment Data
- Tag Release/Recovery
- Freshwater Surveys
- Marine Surveys
- Index River Monitoring
- Genetic Baselines
- Other

Biological Sample Type

- Scales
- Otoliths
- Tissue
- Stomach Contents
- Parasites
- Plankton
- Other

Start Year of Information **2008**

End Year of Information **2009**

Information Source **International**

Jurisdictions included in Data/Samples:

- Canada
- Denmark
- Faroe Islands
- Finland
- France
- Germany
- Greenland
- Ireland
- Norway
- Portugal
- Russia
- Spain
- Sweden
- England & Wales
- N. Ireland
- Scotland
- USA
- Iceland
- St.Pierre et Miquelon
- Unknown
- Potentially All

Information Location, i.e. Institute or Laboratory

Marine Institute, Ireland  
Faroes Marine Research Institute  
Institute of Marine Research, Norway

Information Manager's Name **Dr. Niall Ó Maoiléidigh**

Information Manager Email **niall.omaileidigh@marine.ie**

Accessibility of Information **Developing Protocols**





## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Additional Information

**SALSEA - Merge Marine Feeding**



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Name of Data **SALSEA Greenland**  
Sample Collection

Information Description (e.g. including location of data/sample collection, # of samples) Samples came from a land-based marine survey of Atlantic salmon harvested in the mixed-stock fishery off the west coast of Greenland. Biological characteristics data, tissue for DNA sampling, preserved sea lice, various tissue samples for a variety of disease and parasite sampling (heart, kidney, spleen, pyloric caeca, gill arch, liver, gill filaments, brain, heart, muscle, intestines), stomach samples, variety of tissue samples for stable isotope sampling (scales, liver, muscle, caudal fin, adipose), tissue for lipid sampling, otoliths, and scales were collected and are in various states of processing and availability.

Information Type **Biological Samples**

- Data Type
- Assessment Data
  - Tag Release/Recovery
  - Freshwater Surveys
  - Marine Surveys
  - Index River Monitoring
  - Genetic Baselines
  - Other

- Biological Sample Type
- Scales
  - Otoliths
  - Tissue
  - Stomach Contents
  - Parasites
  - Plankton
  - Other

Start Year of Information **2009**

End Year of Information **2011**

Information Source **International**

- Jurisdictions included in Data/Samples:
- Canada
  - Denmark
  - Faroe Islands
  - Finland
  - France
  - Germany
  - Greenland
  - Ireland
  - Norway
  - Portugal
  - Russia
  - Spain
  - Sweden
  - England & Wales
  - N. Ireland
  - Scotland
  - USA
  - Iceland
  - St. Pierre et Miquelon
  - Unknown
  - Potentially All

Information Location, i.e. Institute or Laboratory

NOAA Fisheries Service, Woods Hole MA, USA.

Information Manager's Name **Timothy Sheehan**

Information Manager Email **Tim.Sheehan@noaa.gov**

Accessibility of Information **On Request**



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Additional Information

**SALSEA Greenland**

<http://www.nasco.int/sas/salsea.htm>

ICES. 2012. Report of the Working Group on North Atlantic Salmon (WGNAS), 26 March – 4 April 2012, Copenhagen, Denmark. ICES CM 2012/ACOM:09. 322 pp.

<http://www.ices.dk/community/groups/Pages/WGNAS.aspx>

Dixon, H. J., Power, M., Dempson, J. B., Sheehan, T. F., and Chaput, G. 2012. Characterizing the trophic position shift in Atlantic salmon (*Salmo salar*) from freshwater to marine life-cycle phases using stable isotopes. *ICES Journal of Marine Science*, 69: 1646–1655.

<http://icesjms.oxfordjournals.org/content/69/9/1646.abstract>



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Name of Data Sample Collection **SALSEA North America biological samples**

Information Description (e.g. including location of data/sample collection, # of samples) Samples came from a marine pelagic survey targeting Atlantic salmon in the Labrador Sea. Biological characteristics data, tissue for DNA sampling, preserved sea lice, various tissue samples for a variety of disease and parasite sampling (heart, kidney, spleen, pyloric caeca, gill arch, liver, gill filaments, brain, heart, muscle, intestines), stomach samples, variety of tissue samples for stable isotope sampling (scales, liver, muscle, caudal fin, adipose), tissue for lipid sampling, otoliths, scales and plankton samples at select locations were collected and are in various states of processing and availability.

Information Type **Biological Samples**

- Data Type
- Assessment Data
  - Tag Release/Recovery
  - Freshwater Surveys
  - Marine Surveys
  - Index River Monitoring
  - Genetic Baselines
  - Other

- Biological Sample Type
- Scales
  - Otoliths
  - Tissue
  - Stomach Contents
  - Parasites
  - Plankton
  - Other

Start Year of Information **2008**

End Year of Information **2009**

Information Source **International**

- Jurisdictions included in Data/Samples:
- Canada
  - Denmark
  - Faroe Islands
  - Finland
  - France
  - Germany
  - Greenland
  - Ireland
  - Norway
  - Portugal
  - Russia
  - Spain
  - Sweden
  - England & Wales
  - N. Ireland
  - Scotland
  - USA
  - Iceland
  - St. Pierre et Miquelon
  - Unknown
  - Potentially All

Information Location, i.e. Institute or Laboratory

**NOAA Fisheries Service, Woods Hole MA, USA.**

Information Manager's Name **Timothy Sheehan**

Information Manager Email **Tim.Sheehan@noaa.gov**

Accessibility of Information **On Request**



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Additional Information

**SALSEA North America biological samples**

<http://www.nasco.int/sas/salsea.htm>

Sheehan, T. F., Reddin, D. G., Chaput, G., and Renkawitz, M. D. 2012. SALSEA North America: a pelagic ecosystem survey targeting Atlantic salmon in the Northwest Atlantic. *ICES Journal of Marine Science*, 69: 1580 – 1588.

<http://icesjms.oxfordjournals.org/content/69/9/1580.abstract>



# IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Name of Data Sample Collection **Scale sampling for smolts and adults from River Tamar (England)**

Information Description (e.g. including location of data/sample collection, # of samples) Smolt trapping: subset of catch sampled for scales and lengths; Adult trapping: catch sampled for scales, length and weight

Information Type **Biological Samples**

- Data Type
- Assessment Data
  - Tag Release/Recovery
  - Freshwater Surveys
  - Marine Surveys
  - Index River Monitoring
  - Genetic Baselines
  - Other

- Biological Sample Type
- Scales
  - Otoliths
  - Tissue
  - Stomach Contents
  - Parasites
  - Plankton
  - Other

Start Year of Information **2002**

End Year of Information **Ongoing**

Information Source **National**

- Jurisdictions included in Data/Samples:
- Canada
  - Denmark
  - Faroe Islands
  - Finland
  - France
  - Germany
  - Greenland
  - Ireland
  - Norway
  - Portugal
  - Russia
  - Spain
  - Sweden
  - England & Wales
  - N. Ireland
  - Scotland
  - USA
  - Iceland
  - St.Pierre et Miquelon
  - Unknown
  - Potentially All

Information Location, i.e. Institute or Laboratory  
**Environment Agency**

Information Manager's Name **Rob Hillman**

Information Manager Email **rob.hillman@environment-agency.gov.uk**

Accessibility of Information **On Request**



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Additional Information

**Scale sampling for smolts and adults from River Tamar (England)**

On Request



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Name of Data Sample Collection **Scales from adults from the River Tyne (England)**

Information Description (e.g. including location of data/sample collection, # of samples) Rod caught logbook scheme and broodstock collection adult scales, length and/or weight.

Information Type **Biological Samples**

Data Type  Assessment Data  
 Tag Release/Recovery  
 Freshwater Surveys  
 Marine Surveys  
 Index River Monitoring  
 Genetic Baselines  
 Other

Biological Sample Type  Scales  
 Otoliths  
 Tissue  
 Stomach Contents  
 Parasites  
 Plankton  
 Other

Start Year of Information **1996**

End Year of Information **Ongoing**

Information Source **National**

Jurisdictions included in Data/Samples:  Canada  
 Denmark  
 Faroe Islands  
 Finland  
 France  
 Germany  
 Greenland  
 Ireland  
 Norway  
 Portugal  
 Russia  
 Spain  
 Sweden  
 England & Wales  
 N. Ireland  
 Scotland  
 USA  
 Iceland  
 St.Pierre et Miquelon  
 Unknown  
 Potentially All

Information Location, i.e. Institute or Laboratory  
**Environment Agency**

Information Manager's Name **Morton Heddell-Cowie**

Information Manager Email **morton.heddell-cowie@environment-agency.gov.uk**

Accessibility of Information **On Request**





## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Additional Information

Scales from adults from the River Tyne (England)



# IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Name of Data Sample Collection **Scales from smolts and adults from the River Dee (Wales)**

Information Description (e.g. including location of data/sample collection, # of samples) Smolt trapping: subset of catch sampled for scales and lengths; Adult trapping: catch sampled for scales, length and weight

Information Type **Biological Samples**

- Data Type
- Assessment Data
  - Tag Release/Recovery
  - Freshwater Surveys
  - Marine Surveys
  - Index River Monitoring
  - Genetic Baselines
  - Other

- Biological Sample Type
- Scales
  - Otoliths
  - Tissue
  - Stomach Contents
  - Parasites
  - Plankton
  - Other

Start Year of Information **1991**

End Year of Information **Ongoing**

Information Source **National**

- Jurisdictions included in Data/Samples:
- Canada
  - Denmark
  - Faroe Islands
  - Finland
  - France
  - Germany
  - Greenland
  - Ireland
  - Norway
  - Portugal
  - Russia
  - Spain
  - Sweden
  - England & Wales
  - N. Ireland
  - Scotland
  - USA
  - Iceland
  - St.Pierre et Miquelon
  - Unknown
  - Potentially All

Information Location, i.e. Institute or Laboratory

**Natural Resources Wales**

Information Manager's Name **Ian Davidson**

Information Manager Email **Ian.Davidson@cyfoethnaturiolcymru.gov.uk**

Accessibility of Information **On Request**



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Additional Information

**Scales from smolts and adults from the River Dee (Wales)**

On Request



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Name of Data Sample Collection **Scales from smolts and adults from the River Frome (England)**

Information Description (e.g. including location of data/sample collection, # of samples) Smolt trapping: subset of catch sampled for scales and lengths; Adult returns registered automatically by PIT readers

Information Type **Biological Samples**

Data Type  Assessment Data  
 Tag Release/Recovery  
 Freshwater Surveys  
 Marine Surveys  
 Index River Monitoring  
 Genetic Baselines  
 Other

Biological Sample Type  Scales  
 Otoliths  
 Tissue  
 Stomach Contents  
 Parasites  
 Plankton  
 Other

Start Year of Information **2002**

End Year of Information **Ongoing**

Information Source **National**

Jurisdictions included in Data/Samples:  Canada  
 Denmark  
 Faroe Islands  
 Finland  
 France  
 Germany  
 Greenland  
 Ireland  
 Norway  
 Portugal  
 Russia  
 Spain  
 Sweden  
 England & Wales  
 N. Ireland  
 Scotland  
 USA  
 Iceland  
 St.Pierre et Miquelon  
 Unknown  
 Potentially All

Information Location, i.e. Institute or Laboratory  
**Game & Wildlife Conservation Trust / Cefas**

Information Manager's Name **Rasmus Lauridsen**

Information Manager Email **rlauridsen@gwct.org.uk**

Accessibility of Information **On Request**



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Additional Information

**Scales from smolts and adults from the River Frome (England)**

On Request



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Name of Data Sample Collection **USA origin juvenile and adult scale samples**

Information Description (e.g. including location of data/sample collection, # of samples) Scale samples collected from juvenile (parr and smolt) and adult USA origin Atlantic salmon from multiple rivers throughout the USA range of the species and across varying numbers of years

Information Type **Biological Samples**

Data Type

- Assessment Data
- Tag Release/Recovery
- Freshwater Surveys
- Marine Surveys
- Index River Monitoring
- Genetic Baselines
- Other

Biological Sample Type

- Scales
- Otoliths
- Tissue
- Stomach Contents
- Parasites
- Plankton
- Other

Start Year of Information **1946**

End Year of Information **Ongoing**

Information Source **National**

Jurisdictions included in Data/Samples:

- Canada
- Denmark
- Faroe Islands
- Finland
- France
- Germany
- Greenland
- Ireland
- Norway
- Portugal
- Russia
- Spain
- Sweden
- England & Wales
- N. Ireland
- Scotland
- USA
- Iceland
- St.Pierre et Miquelon
- Unknown
- Potentially All

Information Location, i.e. Institute or Laboratory  
NOAA Fisheries Service, Woods Hole MA 02540  
USA

Information Manager's Name **Timothy Sheehan**

Information Manager Email **Tim.Sheehan@noaa.gov**

Accessibility of Information **On Request**



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Additional Information

**USA origin juvenile and adult scale samples**

On Request



## IASRB Metadatabase of Salmon Survey Data and Sample Collections of Relevance to Mortality of Salmon at Sea

Name of Data Sample Collection **West Greenland Sampling Database**

Information Description (e.g. including location of data/sample collection, # of samples) Annual sampling of the West Greenland Atlantic salmon fishery has occurred since 1968 with the exception of 1993 and 1994. As of 2017, there are ~60,000 individual records that provide information on the biological characteristics of the sampled fish.

Information Type **Data**

Data Type

- Assessment Data
- Tag Release/Recovery
- Freshwater Surveys
- Marine Surveys
- Index River Monitoring
- Genetic Baselines
- Other

Biological Sample Type

- Scales
- Otoliths
- Tissue
- Stomach Contents
- Parasites
- Plankton
- Other

Start Year of Information **1968**

End Year of Information **Ongoing**

Information Source **International**

Jurisdictions included in Data/Samples:

- Canada
- Denmark
- Faroe Islands
- Finland
- France
- Germany
- Greenland
- Ireland
- Norway
- Portugal
- Russia
- Spain
- Sweden
- England & Wales
- N. Ireland
- Scotland
- USA
- Iceland
- St.Pierre et Miquelon
- Unknown
- Potentially All

Information Location, i.e. Institute or Laboratory  
**Fisheries and Oceans Canada, St. John's, NL  
Canada**

Information Manager's Name **Martha Robertson**

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Accessibility of Information **On Request**





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Additional Information

**West Greenland Sampling Database**

On Request