

## *Demanda: Política dados do PELD-CNPq*

- RN-009, 04/2016 - **POLÍTICA DE DADOS DO PROGRAMA DE PESQUISAS ECOLÓGICAS DE LONGA DURAÇÃO - PELD**
- PORTARIA Nº 6.223, 11/2018 - Institui o **Sistema de Informações sobre a Biodiversidade Brasileira - SiBBr** e dispõe sobre o modelo de governança adotado.

Publicação dos dados ecológicos  
do monitoramento:

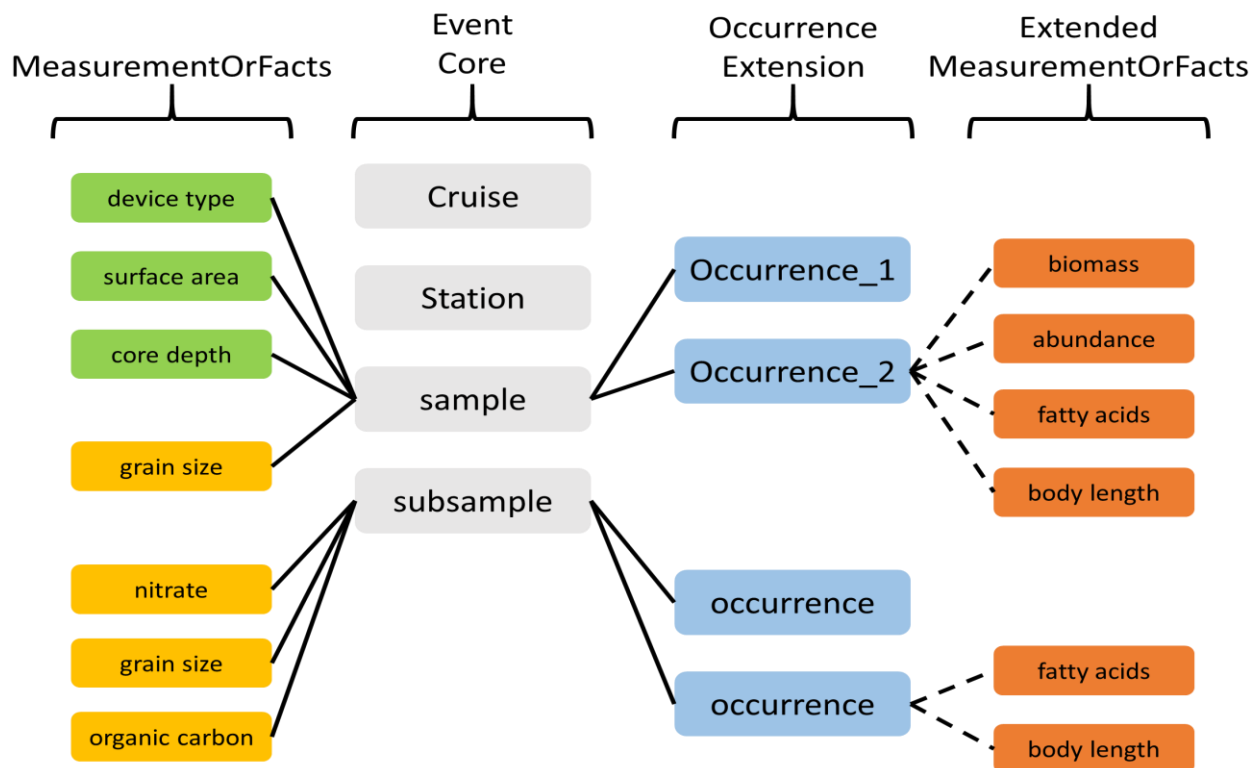


## Formatação do arquivo de dados: Padrão Darwin Core (DwC)

Dados de monitoramento: evento amostral + ocorrência +  
parâmetros abióticos + parâmetros bióticos



OBIS-ENV-DATA (De Pooter et al. 2017)



# Formatação do arquivo de dados: Padrão Darwin Core (DwC)

Vocabulário controlado a ser utilizado nos atributos (campos/colunas): *Darwin Core Terms*

Biodiversity  
Information  
Standards  
TDWG

Introduction

References

Quick Reference Guide

Term Index

Record-Level Terms

Occurrence

Organism

MaterialSample

LivingSpecimen

PreservedSpecimen

FossilSpecimen

Event

HumanObservation

MachineObservation

Location

GeologicalContext

Identification

Taxon

MeasurementOrFact

ResourceRelationship

Term Definitions

## Darwin Core Terms: A quick reference guide

**Title:** Darwin Core Terms: A quick reference guide

**Date Issued:** 2009-02-12

**Date Modified:** 2015-06-02

**Abstract:** This document is a quick reference for all recommended Darwin Core terms. For complete historical term information, including version changes and pre-standard terms, see [[HISTORY](#)]. For a comparative table of elements from pre-standard versions of Darwin Core to the current terms in the standard, see [[VERSIONS](#)].

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**Part of TDWG Standard:** <http://www.tdwg.org/standards/450/>

**Creator:** Darwin Core Task Group

**Identifier:** <http://rs.tdwg.org/dwc/2015-03-19/terms/>

**Latest Version:** <http://rs.tdwg.org/dwc/terms/>

**Replaces:** <http://rs.tdwg.org/dwc/2014-11-08/terms/>

**Document Status:** Current Standard





# Formatação do arquivo de dados: Padrão Darwin Core (DwC)

## Event core

eventID	parentEventID	samplingScheme	samplingID	samplingEventID	habitat	eventLocation	locationID	waterbody	country	countryCode	stateProvince	locality	decimalLatitude	decimalLongitude
1		Horizontal	10/12/2000	sandy beach	Sample site	BR	Rio Grande Rio Grande	EMA					-52.176	-50.884
2		Horizontal	10/12/2000	estuary	Sample site	BR	Rio Grande Rio Grande	LAGE					-52.128	-50.884
4		Horizontal	10/12/2000	estuary	Sample site	BR	Rio Grande Rio Grande	MANGUEI					-52.096	-52.128
5		Horizontal	25/01/2000	estuary	Sample site	BR	Rio Grande Rio Grande	MARAMBAIA					-51.993	-52.1
6		Horizontal	10/12/2000	estuary	Sample site	BR	Rio Grande Rio Grande	MOLHES					-52.116	-52.099
7		Horizontal	25/01/2000	estuary	Sample site	BR	Rio Grande Rio Grande	PORTO					-52.163	-52.108
8		Horizontal	10/12/2000	estuary	Sample site	BR	Rio Grande Rio Grande	PRANHIA					-52.151	-52.103
9		Horizontal	10/12/2000	sandy beach	Sample site	BR	Rio Grande Rio Grande	EMA					-52.176	-50.884
10		Horizontal	10/12/2000	estuary	Sample site	BR	Rio Grande Rio Grande	MANGUEI					-52.096	-52.128

## Occurrence extension

measurementID	occurrenceID	measurementType	measurementValue	measurementMethod	measurementRemarks
1	BR.peld.furg.patoc.ichthyoplankton.2000:01:EMA	BR.peld.furg.patoc.ichthyoplankton.bioc01	IndividualCount	11	ind.
2	BR.peld.furg.patoc.ichthyoplankton.2000:01:FRANCESES	BR.peld.furg.patoc.ichthyoplankton.bioc02	IndividualCount	1	ind.
3	BR.peld.furg.patoc.ichthyoplankton.2000:01:MARAMBAIA	BR.peld.furg.patoc.ichthyoplankton.bioc01	IndividualCount	6	ind.
4	BR.peld.furg.patoc.ichthyoplankton.2000:01:MARAMBAIA	BR.peld.furg.patoc.ichthyoplankton.bioc01	IndividualCount	39	ind.
5	BR.peld.furg.patoc.ichthyoplankton.2000:01:MARAMBAIA	BR.peld.furg.patoc.ichthyoplankton.bioc09	IndividualCount	6	ind.
6	BR.peld.furg.patoc.ichthyoplankton.2000:01:MARAMBAIA	BR.peld.furg.patoc.ichthyoplankton.bioc07	IndividualCount	1	ind.
7	BR.peld.furg.patoc.ichthyoplankton.2000:01:MARAMBAIA	BR.peld.furg.patoc.ichthyoplankton.bioc06	IndividualCount	1	ind.
8	BR.peld.furg.patoc.ichthyoplankton.2000:01:MARAMBAIA	BR.peld.furg.patoc.ichthyoplankton.bioc05	IndividualCount	6	ind.
9	BR.peld.furg.patoc.ichthyoplankton.2000:01:MARAMBAIA	BR.peld.furg.patoc.ichthyoplankton.bioc04	IndividualCount	1	ind.

## MoF extension

occurrenceEventID	parentEventID	scientificNameID	scientificName	phylum	class	order	family	genus	taxonRank
1	BR.peld.furg.patoc.ichthyoplankton.2000:01:EMA	BR.peld.furg.patoc.ichthyoplankton.bioc01	Actinopterygii:Clupeiformes:Clupeidae:Brevoortia species	Chordata	Actinopterygii	Clupeiformes	Clupeidae	Brevoortia	species
2	BR.peld.furg.patoc.ichthyoplankton.2000:01:FRANCESES	BR.peld.furg.patoc.ichthyoplankton.bioc02	Actinopterygii:Actinopterygii:Chirocentridae:Chirocentrus species	Chordata	Actinopterygii	Actinopterygii	Chirocentridae	Chirocentrus	species
3	BR.peld.furg.patoc.ichthyoplankton.2000:01:MARAMBAIA	BR.peld.furg.patoc.ichthyoplankton.bioc01	Actinopterygii:Actinopterygii:Chirocentridae:Chirocentrus species	Chordata	Actinopterygii	Actinopterygii	Chirocentridae	Chirocentrus	species
4	BR.peld.furg.patoc.ichthyoplankton.2000:01:MARAMBAIA	BR.peld.furg.patoc.ichthyoplankton.bioc01	Actinopterygii:Actinopterygii:Chirocentridae:Chirocentrus species	Chordata	Actinopterygii	Actinopterygii	Chirocentridae	Chirocentrus	species
5	BR.peld.furg.patoc.ichthyoplankton.2000:01:MARAMBAIA	BR.peld.furg.patoc.ichthyoplankton.bioc09	Actinopterygii:Actinopterygii:Chirocentridae:Chirocentrus species	Chordata	Actinopterygii	Actinopterygii	Chirocentridae	Chirocentrus	species

## eMoF extension





# Formatação do arquivo de dados: Padrão Darwin Core (DwC)

Occurrence - Microsoft Excel (Falha na Ativação do Produto)

Arquivo | Página Inicial | Inserir | Layout da Página | Fórmulas | Dados | Revisão | Exibição

Recortar | Copiar | Colar | Pincel de Formatação

Calibri | 11 | Quebrar Texto Automaticamente | Geral

Fonte | Alinhamento | Número | Formatação Condicional | Formatar como Tabela | Estilo

Normal | Bom | Incorreto | Neutra

Inserir | Excluir | Formatar | Células

AutoSoma | Preencher | Limpar | Classificar e Filtrar | Localizar e Selecionar | Edição

A1	parentEventID										
parentEventID	eventID	scientificName	lifeStage	occurrenceID	basisOfRecord	occurrenceStatus	taxonRank	scientificNameID	scientificName	kingdom	phylum
BR:peld:fu	BR:peld:furg:patos:ichthyoplankton:2000:01:EMA	Sciaenidae	egg	BR:peld:furg:patos:ichthyoplankton:1	MaterialSample	present	family	urn:lsid:marinespecies.org:taxname:125558	Cuvier, 18	Animalia	Chordata
BR:peld:fu	BR:peld:furg:patos:ichthyoplankton:2000:01:FRANCESES	Brevoortia pectinata	egg	BR:peld:furg:patos:ichthyoplankton:2	MaterialSample	present	species	urn:lsid:marinespecies.org:taxname:275501	(Jenyns, 18	Animalia	Chordata
BR:peld:fu	BR:peld:furg:patos:ichthyoplankton:2000:01:MARAMBAIA	Atherinopsidae	larvae	BR:peld:furg:patos:ichthyoplankton:3	MaterialSample	present	family	urn:lsid:marinespecies.org:taxname:266995	Fitzinger, 1	Animalia	Chordata
BR:peld:fu	BR:peld:furg:patos:ichthyoplankton:2000:01:MARAMBAIA	Blenniidae	larvae	BR:peld:furg:patos:ichthyoplankton:4	MaterialSample	present	family	urn:lsid:marinespecies.org:taxname:125519	Rafinesqu	Animalia	Chordata
BR:peld:fu	BR:peld:furg:patos:ichthyoplankton:2000:01:MARAMBAIA	Brevoortia pectinata	egg	BR:peld:furg:patos:ichthyoplankton:5	MaterialSample	present	species	urn:lsid:marinespecies.org:taxname:275501	(Jenyns, 18	Animalia	Chordata
BR:peld:fu	BR:peld:furg:patos:ichthyoplankton:2000:01:MARAMBAIA	Brevoortia pectinata	larvae	BR:peld:furg:patos:ichthyoplankton:6	MaterialSample	present	species	urn:lsid:marinespecies.org:taxname:275501	(Jenyns, 18	Animalia	Chordata
BR:peld:fu	BR:peld:furg:patos:ichthyoplankton:2000:01:MARAMBAIA	Catathyridium garmani	egg	BR:peld:furg:patos:ichthyoplankton:7	MaterialSample	present	species	urn:lsid:marinespecies.org:taxname:280040	(Jordan, 18	Animalia	Chordata
BR:peld:fu	BR:peld:furg:patos:ichthyoplankton:2000:01:MARAMBAIA	Catathyridium jenynsii	larvae	BR:peld:furg:patos:ichthyoplankton:8	MaterialSample	present	species	urn:lsid:marinespecies.org:taxname:1017166	(Günther, 1	Animalia	Chordata
BR:peld:fu	BR:peld:furg:patos:ichthyoplankton:2000:01:MARAMBAIA	Menticirrhus	larvae	BR:peld:furg:patos:ichthyoplankton:9	MaterialSample	present	genus	urn:lsid:marinespecies.org:taxname:159324	Gill, 1861	Animalia	Chordata
BR:peld:fu	BR:peld:furg:patos:ichthyoplankton:2000:01:MARAMBAIA	Sciaenidae	egg	BR:peld:furg:patos:ichthyoplankton:10	MaterialSample	present	family	urn:lsid:marinespecies.org:taxname:125558	Cuvier, 18	Animalia	Chordata
BR:peld:fu	BR:peld:furg:patos:ichthyoplankton:2000:01:MARAMBAIA	Sciaenidae	larvae	BR:peld:furg:patos:ichthyoplankton:11	MaterialSample	present	family	urn:lsid:marinespecies.org:taxname:125558	Cuvier, 18	Animalia	Chordata
BR:peld:fu	BR:peld:furg:patos:ichthyoplankton:2000:02:EMA	Trichiurus lepturus	larvae	BR:peld:furg:patos:ichthyoplankton:23	MaterialSample	present	species	urn:lsid:marinespecies.org:taxname:127089	Linnaeus, 1	Animalia	Chordata
BR:peld:fu	BR:peld:furg:patos:ichthyoplankton:2000:02:FRANCESES	Brevoortia pectinata	egg	BR:peld:furg:patos:ichthyoplankton:24	MaterialSample	present	species	urn:lsid:marinespecies.org:taxname:275501	(Jenyns, 18	Animalia	Chordata
BR:peld:fu	BR:peld:furg:patos:ichthyoplankton:2000:02:FRANCESES	Brevoortia pectinata	larvae	BR:peld:furg:patos:ichthyoplankton:25	MaterialSample	present	species	urn:lsid:marinespecies.org:taxname:275501	(Jenyns, 18	Animalia	Chordata
BR:peld:fu	BR:peld:furg:patos:ichthyoplankton:2000:02:FRANCESES	Mugil liza	larvae	BR:peld:furg:patos:ichthyoplankton:26	MaterialSample	present	species	urn:lsid:marinespecies.org:taxname:273655	Valencienn	Animalia	Chordata
BR:peld:fu	BR:peld:furg:patos:ichthyoplankton:2000:02:FRANCESES	Odontesthes	larvae	BR:peld:furg:patos:ichthyoplankton:27	MaterialSample	present	genus	urn:lsid:marinespecies.org:taxname:270070	Evermann	Animalia	Chordata
BR:peld:fu	BR:peld:furg:patos:ichthyoplankton:2000:02:MANGUEIRA	Blenniidae	larvae	BR:peld:furg:patos:ichthyoplankton:28	MaterialSample	present	family	urn:lsid:marinespecies.org:taxname:125519	Rafinesqu	Animalia	Chordata
BR:peld:fu	BR:peld:furg:patos:ichthyoplankton:2000:02:MARAMBAIA	Brevoortia pectinata	larvae	BR:peld:furg:patos:ichthyoplankton:29	MaterialSample	present	species	urn:lsid:marinespecies.org:taxname:275501	(Jenyns, 18	Animalia	Chordata
BR:peld:fu	BR:peld:furg:patos:ichthyoplankton:2000:02:MARAMBAIA	Odontesthes	larvae	BR:peld:furg:patos:ichthyoplankton:30	MaterialSample	present	genus	urn:lsid:marinespecies.org:taxname:270070	Evermann	Animalia	Chordata
BR:peld:fu	BR:peld:furg:patos:ichthyoplankton:2000:02:MOLHES	Brevoortia pectinata	larvae	BR:peld:furg:patos:ichthyoplankton:31	MaterialSample	present	species	urn:lsid:marinespecies.org:taxname:275501	(Jenyns, 18	Animalia	Chordata

Printo

# Formatação do arquivo de dados: Padrão Darwin Core (DwC)

eMoF - Microsoft Excel (Falha na Ativação do Produto)

Arquivo | Página Inicial | Inserir | Layout da Página | Fórmulas | Dados | Revisão | Exibição

Recortar | Copiar | Colar | Pincel de Formatação

Calibri | 11 | A<sup>+</sup> | A<sup>-</sup> | Quebrar Texto Automaticamente | Geral | Formatação Condicional | Formatar como Tabela | Normal | Bom | Incorreto | Neutra | AutoSoma | Preencher | Limpar

Área de Transferência | Fonte | Alinhamento | Número | Estilo | Células

	A	B	C	D	E	F
1	eventID	occurrenceID	measurementID	measur	measur	measurementType
2	BR:peld:furg:patos:ichthyoplankton:2000:01:EMA	BR:peld:furg:patos:ichthyoplankton:0001	BR:peld:furg:patos:ichthyoplankton:biotic:0001	11	ind.	individualCount
3	BR:peld:furg:patos:ichthyoplankton:2000:01:FRANCESES	BR:peld:furg:patos:ichthyoplankton:0002	BR:peld:furg:patos:ichthyoplankton:biotic:0002	1	ind.	individualCount
4	BR:peld:furg:patos:ichthyoplankton:2000:01:MARAMBAIA	BR:peld:furg:patos:ichthyoplankton:0011	BR:peld:furg:patos:ichthyoplankton:biotic:0011	6	ind.	individualCount
5	BR:peld:furg:patos:ichthyoplankton:2000:01:MARAMBAIA	BR:peld:furg:patos:ichthyoplankton:0010	BR:peld:furg:patos:ichthyoplankton:biotic:0010	39	ind.	individualCount
6	BR:peld:furg:patos:ichthyoplankton:2000:01:MARAMBAIA	BR:peld:furg:patos:ichthyoplankton:0009	BR:peld:furg:patos:ichthyoplankton:biotic:0009	6	ind.	individualCount
7	BR:peld:furg:patos:ichthyoplankton:2000:01:MARAMBAIA	BR:peld:furg:patos:ichthyoplankton:0008	BR:peld:furg:patos:ichthyoplankton:biotic:0008	1	ind.	individualCount
8	BR:peld:furg:patos:ichthyoplankton:2000:01:MARAMBAIA	BR:peld:furg:patos:ichthyoplankton:0007	BR:peld:furg:patos:ichthyoplankton:biotic:0007	1	ind.	individualCount
9	BR:peld:furg:patos:ichthyoplankton:2000:01:MARAMBAIA	BR:peld:furg:patos:ichthyoplankton:0006	BR:peld:furg:patos:ichthyoplankton:biotic:0006	1	ind.	individualCount
10	BR:peld:furg:patos:ichthyoplankton:2000:01:MARAMBAIA	BR:peld:furg:patos:ichthyoplankton:0005	BR:peld:furg:patos:ichthyoplankton:biotic:0005	6	ind.	individualCount
11	BR:peld:furg:patos:ichthyoplankton:2000:01:MARAMBAIA	BR:peld:furg:patos:ichthyoplankton:0004	BR:peld:furg:patos:ichthyoplankton:biotic:0004	1	ind.	individualCount
12	BR:peld:furg:patos:ichthyoplankton:2000:01:MARAMBAIA	BR:peld:furg:patos:ichthyoplankton:0003	BR:peld:furg:patos:ichthyoplankton:biotic:0003	1	ind.	individualCount
13	BR:peld:furg:patos:ichthyoplankton:2000:01:MOLHES	BR:peld:furg:patos:ichthyoplankton:0015	BR:peld:furg:patos:ichthyoplankton:biotic:0015	2	ind.	individualCount
14	BR:peld:furg:patos:ichthyoplankton:2000:01:MOLHES	BR:peld:furg:patos:ichthyoplankton:0014	BR:peld:furg:patos:ichthyoplankton:biotic:0014	1	ind.	individualCount
15	BR:peld:furg:patos:ichthyoplankton:2000:01:MOLHES	BR:peld:furg:patos:ichthyoplankton:0013	BR:peld:furg:patos:ichthyoplankton:biotic:0013	1	ind.	individualCount
16	BR:peld:furg:patos:ichthyoplankton:2000:01:MOLHES	BR:peld:furg:patos:ichthyoplankton:0012	BR:peld:furg:patos:ichthyoplankton:biotic:0012	1	ind.	individualCount
17	BR:peld:furg:patos:ichthyoplankton:2000:01:PRAINHA	BR:peld:furg:patos:ichthyoplankton:0020	BR:peld:furg:patos:ichthyoplankton:biotic:0020	1	ind.	individualCount
18	BR:peld:furg:patos:ichthyoplankton:2000:01:PRAINHA	BR:peld:furg:patos:ichthyoplankton:0019	BR:peld:furg:patos:ichthyoplankton:biotic:0019	1	ind.	individualCount
19	BR:peld:furg:patos:ichthyoplankton:2000:01:PRAINHA	BR:peld:furg:patos:ichthyoplankton:0018	BR:peld:furg:patos:ichthyoplankton:biotic:0018	1	ind.	individualCount
20	BR:peld:furg:patos:ichthyoplankton:2000:01:PRAINHA	BR:peld:furg:patos:ichthyoplankton:0017	BR:peld:furg:patos:ichthyoplankton:biotic:0017	1	ind.	individualCount
21	BR:peld:furg:patos:ichthyoplankton:2000:01:PRAINHA	BR:peld:furg:patos:ichthyoplankton:0016	BR:peld:furg:patos:ichthyoplankton:biotic:0016	1	ind.	individualCount
22	BR:peld:furg:patos:ichthyoplankton:2000:02:EMA	BR:peld:furg:patos:ichthyoplankton:0023	BR:peld:furg:patos:ichthyoplankton:biotic:0023	3	ind.	individualCount
23	BR:peld:furg:patos:ichthyoplankton:2000:02:EMA	BR:peld:furg:patos:ichthyoplankton:0022	BR:peld:furg:patos:ichthyoplankton:biotic:0022	1	ind.	individualCount
24	BR:peld:furg:patos:ichthyoplankton:2000:02:EMA	BR:peld:furg:patos:ichthyoplankton:0021	BR:peld:furg:patos:ichthyoplankton:biotic:0021	5	ind.	individualCount
25	BR:peld:furg:patos:ichthyoplankton:2000:02:FRANCESES	BR:peld:furg:patos:ichthyoplankton:0027	BR:peld:furg:patos:ichthyoplankton:biotic:0027	11	ind.	individualCount
26	BR:peld:furg:patos:ichthyoplankton:2000:02:FRANCESES	BR:peld:furg:patos:ichthyoplankton:0026	BR:peld:furg:patos:ichthyoplankton:biotic:0026	2	ind.	individualCount
27	BR:peld:furg:patos:ichthyoplankton:2000:02:FRANCESES	BR:peld:furg:patos:ichthyoplankton:0025	BR:peld:furg:patos:ichthyoplankton:biotic:0025	2	ind.	individualCount

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# Formatação do arquivo de dados: Padrão Darwin Core (DwC)

MoF - Microsoft Excel (Falha na Ativação do Produto)

Arquivo | Página Inicial | Inserir | Layout da Página | Fórmulas | Dados | Revisão | Exibição

Recortar | Colar | Área de Transferência | Calibri | 11 | Fonte | Alinhamento | Geral | Número | Estilo | Células | Edição

1	eventID	measurementID	measurementType	measur	measur	measurementMethod
2	BR:peld:furg:patos:ichthyoplankton:2000:01:EMA	BR:peld:furg:patos:ichthyoplankton:abiotic:0001	Water temperature	25 °C		Termosalinometer YSI-30 or mercury thermometer
3	BR:peld:furg:patos:ichthyoplankton:2000:01:EMA	BR:peld:furg:patos:ichthyoplankton:abiotic:0002	Salinity	35 PSU		Termosalinometer YSI-30 or mercury thermometer
4	BR:peld:furg:patos:ichthyoplankton:2000:01:FRANCESES	BR:peld:furg:patos:ichthyoplankton:abiotic:0003	Water temperature	28 °C		Termosalinometer YSI-30 or mercury thermometer
5	BR:peld:furg:patos:ichthyoplankton:2000:01:FRANCESES	BR:peld:furg:patos:ichthyoplankton:abiotic:0004	Salinity	18 PSU		Termosalinometer YSI-30 or mercury thermometer
6	BR:peld:furg:patos:ichthyoplankton:2000:01:MANGUEIRA	BR:peld:furg:patos:ichthyoplankton:abiotic:0005	Water temperature	27 °C		Termosalinometer YSI-30 or mercury thermometer
7	BR:peld:furg:patos:ichthyoplankton:2000:01:MANGUEIRA	BR:peld:furg:patos:ichthyoplankton:abiotic:0006	Salinity	24 PSU		Termosalinometer YSI-30 or mercury thermometer
8	BR:peld:furg:patos:ichthyoplankton:2000:01:MARAMBAIA	BR:peld:furg:patos:ichthyoplankton:abiotic:0007	Water temperature	22,5 °C		Termosalinometer YSI-30 or mercury thermometer
9	BR:peld:furg:patos:ichthyoplankton:2000:01:MARAMBAIA	BR:peld:furg:patos:ichthyoplankton:abiotic:0008	Salinity	30 PSU		Termosalinometer YSI-30 or mercury thermometer
10	BR:peld:furg:patos:ichthyoplankton:2000:01:MOLHES	BR:peld:furg:patos:ichthyoplankton:abiotic:0009	Water temperature	26 °C		Termosalinometer YSI-30 or mercury thermometer
11	BR:peld:furg:patos:ichthyoplankton:2000:01:MOLHES	BR:peld:furg:patos:ichthyoplankton:abiotic:0010	Salinity	35 PSU		Termosalinometer YSI-30 or mercury thermometer
12	BR:peld:furg:patos:ichthyoplankton:2000:01:PORTO_REI	BR:peld:furg:patos:ichthyoplankton:abiotic:0011	Water temperature	22 °C		Termosalinometer YSI-30 or mercury thermometer
13	BR:peld:furg:patos:ichthyoplankton:2000:01:PORTO_REI	BR:peld:furg:patos:ichthyoplankton:abiotic:0012	Salinity	30 PSU		Termosalinometer YSI-30 or mercury thermometer
14	BR:peld:furg:patos:ichthyoplankton:2000:01:PRAINHA	BR:peld:furg:patos:ichthyoplankton:abiotic:0013	Water temperature	27 °C		Termosalinometer YSI-30 or mercury thermometer
15	BR:peld:furg:patos:ichthyoplankton:2000:01:PRAINHA	BR:peld:furg:patos:ichthyoplankton:abiotic:0014	Salinity	24 PSU		Termosalinometer YSI-30 or mercury thermometer
16	BR:peld:furg:patos:ichthyoplankton:2000:02:EMA	BR:peld:furg:patos:ichthyoplankton:abiotic:0015	Water temperature	24 °C		Termosalinometer YSI-30 or mercury thermometer
17	BR:peld:furg:patos:ichthyoplankton:2000:02:EMA	BR:peld:furg:patos:ichthyoplankton:abiotic:0016	Salinity	32 PSU		Termosalinometer YSI-30 or mercury thermometer
18	BR:peld:furg:patos:ichthyoplankton:2000:02:FRANCESES	BR:peld:furg:patos:ichthyoplankton:abiotic:0017	Water temperature	26 °C		Termosalinometer YSI-30 or mercury thermometer
19	BR:peld:furg:patos:ichthyoplankton:2000:02:FRANCESES	BR:peld:furg:patos:ichthyoplankton:abiotic:0018	Salinity	16 PSU		Termosalinometer YSI-30 or mercury thermometer
20	BR:peld:furg:patos:ichthyoplankton:2000:02:MANGUEIRA	BR:peld:furg:patos:ichthyoplankton:abiotic:0019	Water temperature	26 °C		Termosalinometer YSI-30 or mercury thermometer
21	BR:peld:furg:patos:ichthyoplankton:2000:02:MANGUEIRA	BR:peld:furg:patos:ichthyoplankton:abiotic:0020	Salinity	20 PSU		Termosalinometer YSI-30 or mercury thermometer
22	BR:peld:furg:patos:ichthyoplankton:2000:02:MARAMBAIA	BR:peld:furg:patos:ichthyoplankton:abiotic:0021	Water temperature	21 °C		Termosalinometer YSI-30 or mercury thermometer
23	BR:peld:furg:patos:ichthyoplankton:2000:02:MARAMBAIA	BR:peld:furg:patos:ichthyoplankton:abiotic:0022	Salinity	16 PSU		Termosalinometer YSI-30 or mercury thermometer
24	BR:peld:furg:patos:ichthyoplankton:2000:02:MOLHES	BR:peld:furg:patos:ichthyoplankton:abiotic:0023	Water temperature	24 °C		Termosalinometer YSI-30 or mercury thermometer
25	BR:peld:furg:patos:ichthyoplankton:2000:02:MOLHES	BR:peld:furg:patos:ichthyoplankton:abiotic:0024	Salinity	32 PSU		Termosalinometer YSI-30 or mercury thermometer
26	BR:peld:furg:patos:ichthyoplankton:2000:02:PORTO_REI	BR:peld:furg:patos:ichthyoplankton:abiotic:0025	Water temperature	22 °C		Termosalinometer YSI-30 or mercury thermometer
27	BR:peld:furg:patos:ichthyoplankton:2000:02:PORTO_REI	BR:peld:furg:patos:ichthyoplankton:abiotic:0026	Salinity	20 PSU		Termosalinometer YSI-30 or mercury thermometer

MoF



# Controle de qualidade dos dados

Controle de *outliers*, erros técnicos e taxonômicos prévio ao upload de dados na plataforma



Consulta aos pesquisadores e utilização de ferramentas específicas



Catalogue of Life

LifeWatch

AlgaeBase




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[Data Records](#)
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[Temporal Coverage](#)
[Project Data](#)
[Sampling Methods](#)
[Additional Metadata](#)

## Interannual variability of ichthyoplankton diversity in the Patos Lagoon estuary Southern Brazil

*Latest version published by Sistema de Informação sobre a Biodiversidade Brasileira - SiBBR on Aug 14, 2019*

This sub-project aims to study the interannual variability of long term disturbance dynamics of recruitment and of Ichthyoplankton diversity in the estuary of the Patos Lagoon (PLE).


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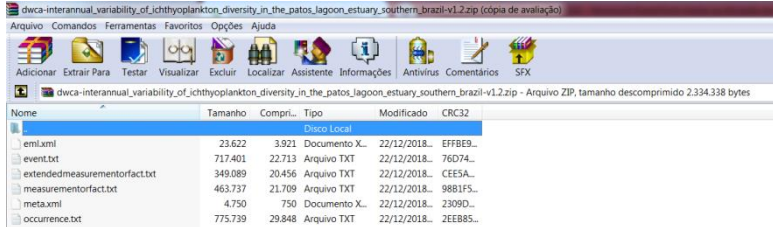
## Data Records

The data in this sampling event resource has been published as a Darwin Core Archive (DwC-A), which is a standardized format for sharing biodiversity data as a set of one or more data tables. The core data table contains 1,357 records. 3 extension data tables also exist. An extension record supplies extra information about a core record. The number of records in each extension data table is illustrated below.

Event (core)	1357
MeasurementOrFact	2714
ExtendedMeasurementOrFact	2173
Occurrence	2173

# Arquivo Darwin Core (DwC)

## Arquivo DwC



## Metadados

### Geographic Coverage

The Patos Lagoon located in the southern Brazilian coastal plain (Rio Grande do Sul state), is the largest (10,360 km<sup>2</sup>) choked lagoon in the world. It stretches in a NE-SW direction from the city of Porto Alegre (30°30' S) to Rio Grande (32°17' S). In the south, an estuarine region of approximately 10 % of total area is connected by a single and narrow inlet to the Atlantic Ocean. The major tributary rivers in the northern and central areas of Patos Lagoon, and the São Gonçalo channel in the southern area, are significant freshwater sources from an extensive drainage basin. The hydrodynamics of Patos Lagoon estuary is strongly controlled by river discharge and the action of predominant winds. Ichthyoplankton samples were collected in shallow beaches in the estuary and in the adjacent coastal sandy beaches.

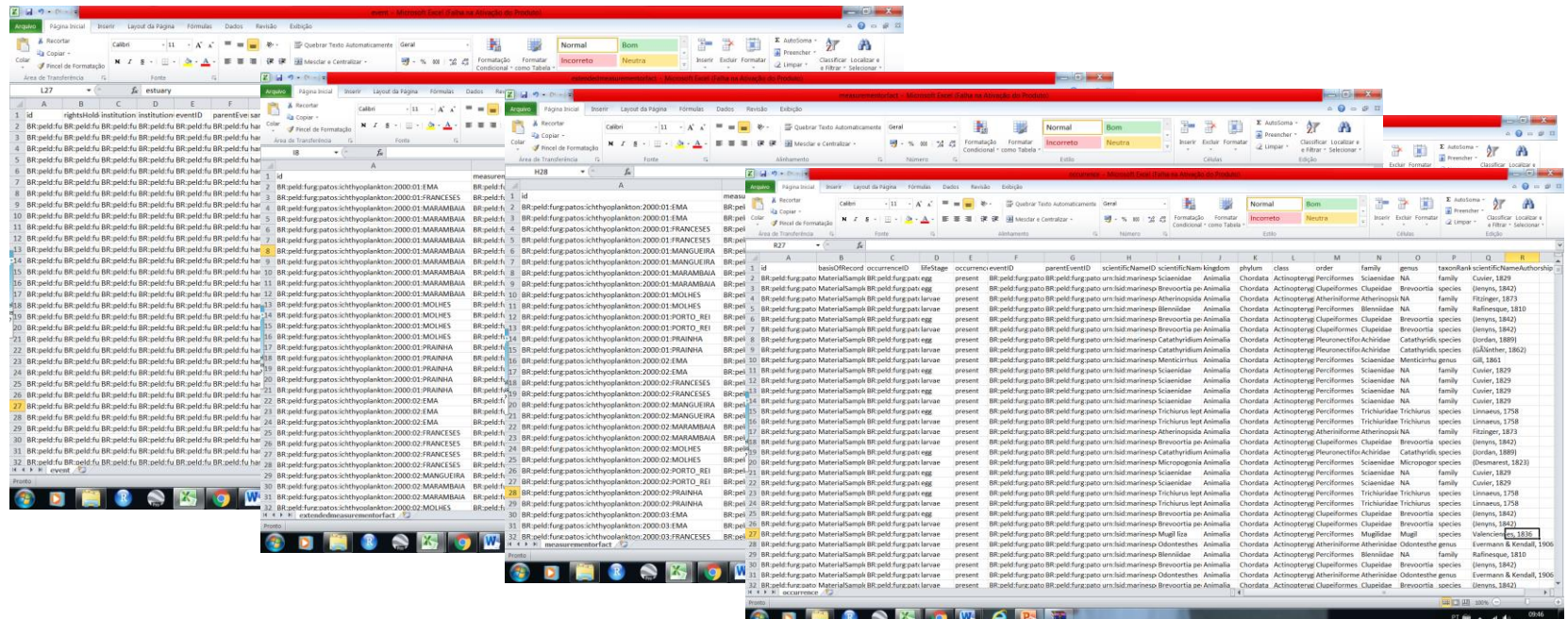
Bounding Coordinates: South West [-52.17, -52.28], North East [-51.33, -51.3]

### Taxonomic Coverage

Due to the long sample time, there are different taxonomical categories and classifications that need to be reviewed

Kingdom Animalia  
Phylum Chordata  
Class Actinopterygii  
Order Anguilliformes, Atheriniformes, Belontiiformes, Characiformes, Clupeiformes, Cyprinodontiformes, Elopiformes, Gobiocostiformes, Perciformes, Pleuronectiformes, Sturioniformes  
Family Achilidae, Anabantidae, Atherinidae, Atherinodesmidae, Blenniidae, Carangidae, Characidae, Clupeidae, Enguillidae, Gerresidae, Gobiocostidae, Gobiidae, Hemirhamphidae, Mugilidae, Paracanthidae, Pinnelodidae, Poeciliidae, Sciencidae, Strimatostidae, Syngnathidae, Trachuridae  
Genus Anchoa, Atherina, Blennius, Brevortia, Catushyadum, Cynoscion, Engraulis, Eucinostomus, Gobiosoma, Gobionema, Hypomphramus, Jemmyia, Lycengraulis, Macraron, Menicichrus, Microgonaon, Mugil, Odontesthes, Parachanna, Parapomoxis, Piaractus, Piarona, Piarus, Poecilia, Ramnogaster, Syngnathus, Trachinotus, Trachurus  
Species Anchoa mitchilli, Brevortia pectinata, Catushyadum garmani, Catushyadum pryeri, Eucinostomus anchoita, Eucinostomus jagelli, Eucinostomus melanopterus, Gobiosoma thomasi, Gobionellus olivaceus, Gobionellus parati, Hypomphramus robustus, Lycengraulis grossidens, Macraron atrirostris, Menicichrus americanus, Microgonaon fluviale, Mugil cephalus, Mugil curema, Mugil kaji, Mugil kaji, Mugil kaji, Mugil kaji, Paracanthus obrythrus, Parachanna brasiliensis, Parapomoxis nigricans, Piarona signata, Piarus patus, Poecilia vivipara, Ramnogaster garraei, Syngnathus tobi, Trachinotus gulosus, Trachurus lispurus

## Planilhas de dados





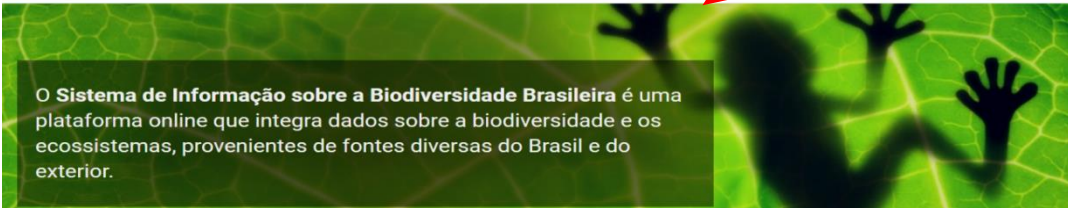
# Publicação dos dados do PELD-ELPA



Explore ▾ Busque e analise ▾ Participe ▾ Conheça o SiBBr ▾ Comunidade ALA

Q Pesquisar ...

NÓ BRASILEIRO DO GBIF

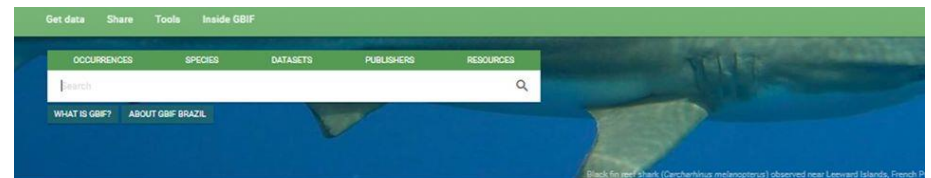
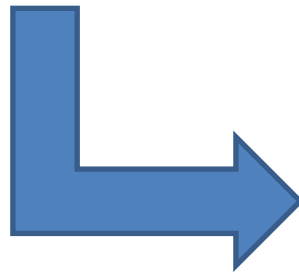
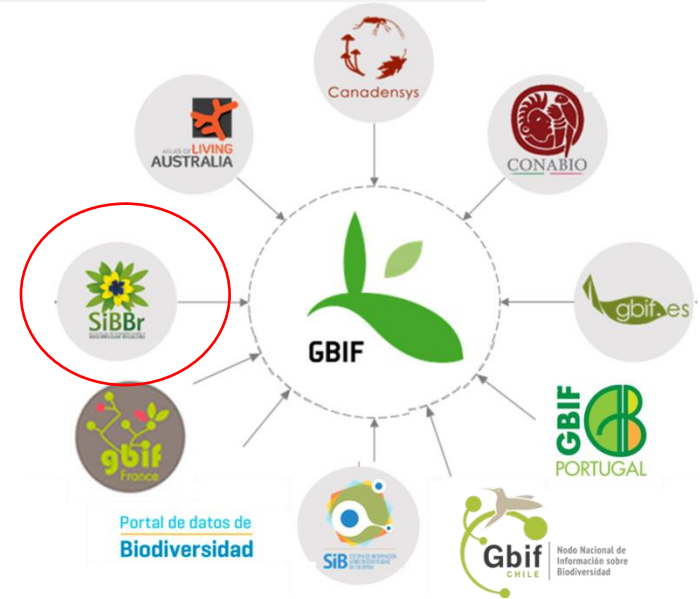


Instituições  
97

Coleções  
191

Conjuntos de dados  
361

Ocorrências  
15.183.789



Occurrence records 1.358.307.397    Datasets 48.203    Publishing institutions 1.551    Peer-reviewed papers using data 4.086

<p>Call for proposals for the 2020 Capacity Enhancement Support Programme</p>	<p>The Equator Principles encourage open access to environmental impact data through the GBIF network</p>	<p>Call for proposals promoting the mobilization and use of biodiversity data in Asia</p>	<p>AGU Fall Meeting 2019 9 - 13 December 2019</p>
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<p>How to choose the right dataset class If you are a (first-time) GBIF publisher and you are trying to decide which type of dataset would best fit your data, this blog post is for you.</p>	<p>New species: <i>Hiptage incurvatum</i> class Molecular phylogeny of <i>Hiptage</i> (Malpighiaceae) reveals a new species from Southwest China</p>	<p>Using open data to indicate progress toward targets on conserving genetic diversity</p>	<p>New sampling event dataset: Micro and meso-zooplankton from Patos Lagoon, Brazil Continuous monitoring of the lagoon estuary and adjacent coastal area (photo: C. Barenho - CC BY-NC-SA 2.0)</p>
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### Species composition and abundance patterns of fish assemblages at shallow waters of Patos Lagoon estuary

Sampling event

Species composition, size structure and abundance patterns have been monitored throughout standardized monthly collections in shallow waters (< 2m) of Patos Lagoon estuary and adjacent marine sites.

Published by Sistema de Informação sobre a Biodiversidade Brasileira - SIBBr

... (< 2m) of **Patos Lagoon** estuary and adjacent ...



11.396 occurrences

### Ecology of Lahille's bottlenose dolphin *Tursiops truncatus* *gephyreus* in the Patos Lagoon estuary and adjacent marine coast

Sampling event

Data on the distribution, reproductive and survival rates and abundance of the Lahille's bottlenose dolphin, *Tursiops truncatus* *gephyreus*, inhabiting the Patos Lagoon estuary and adjacent marine coast...

Published by Sistema de Informação sobre a Biodiversidade Brasileira - SIBBr

... *gephyreus*, inhabiting the **Patos Lagoon** estuary and adjacent ...

638 occurrences

### Dynamics of Submerged Aquatic Vegetation - DIVAS

Sampling event

The monitoring study aims to investigate long term changes in Submerged Aquatic Vegetation (SAV) abundance and composition of the Patos Lagoon estuary, and their possible relationship with regional cl...

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... composition of the **Patos Lagoon** estuary, and their ...



394 occurrences

### Continuous monitoring of the micro and mesozooplankton of the Patos Lagoon estuary and adjacent coastal area

Sampling event

The micro and mesozooplankton of the Patos Lagoon estuary have been sampled monthly by the zooplankton laboratory of the Federal University of Rio Grande (FURG) at two locations inside the estuary (si...

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... mesozooplankton of the **Patos Lagoon** estuary have been ...

Keywords: **Patos Lagoon**, Zooplankton, Samplingevent.....



18.768 occurrences

### Interannual variability of ichthyoplankton diversity in the Patos Lagoon estuary Southern Brazil

Sampling event

This sub-project aims to study the interannual variability of long term disturbance dynamics of recruitment and of ichthyoplankton diversity in the estuary of the Patos Lagoon (PLE).

Published by Sistema de Informação sobre a Biodiversidade Brasileira - SIBBr

... estuary of the **Patos Lagoon** (PLE) ...



2.173 occurrences

### Phytoplankton and water quality parameters in the Patos Lagoon estuary and adjacent marine coast

Sampling event

Phytoplankton and water quality parameters are sampled monthly since 1993 at two stations in the Patos Lagoon Estuary and since 1994 at one station in the surf zone of the adjacent Cassino Beach. This...

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... stations in the **Patos Lagoon** Estuary and since ...



69.216 occurrences

### Ecology of the pink-shrimp *Penaeus paulensis* in Patos Lagoon estuary

Sampling event

Juveniles of pink-shrimp *Penaeus paulensis* are monthly sampled since 1996 at six stations in the Patos Lagoon estuary and two sites in the marine area surrounding the estuarine mouth. The catch per un...

Published by Sistema de Informação sobre a Biodiversidade Brasileira - SIBBr

... stations in the **Patos Lagoon** estuary and two ...



247 occurrences

### Temporal data series of Benthic macrofauna abundance and composition from the Patos Lagoon estuary

Sampling event

Provide a continuous long-term data set, to assess interannual and interdecadal variability of macrozoobenthic assemblages in the estuary of the Patos Lagoon, Southern Brazil.

Published by Sistema de Informação sobre a Biodiversidade Brasileira - SIBBr

... estuary of the **Patos Lagoon**, Southern Brazil. ...



1.872 occurrences



SAMPLING EVENT | REGISTERED AUGUST 14, 2019

# Interannual variability of ichthyoplankton diversity in the Patos Lagoon estuary Southern Brazil

Published by [Sistema de Informação sobre a Biodiversidade Brasileira - SiBBR](#)

José Henrique Muelbert • Valéria Marques Lemos • Marianna Lanari

DATASET PROJECT METRICS ACTIVITY  DOWNLOAD  HOME PAGE

2,173 OCCURRENCES

This sub-project aims to study the interannual variability of long term disturbance dynamics of recruitment and of Ichthyoplankton diversity in the estuary of the Patos Lagoon (PLE).

**Project ID:** PELD-ELPA


**Metadata last modified:** August 19, 2019


**Data last changed:** August 19, 2019


**Hosted by:** [Sistema de Informação sobre a Biodiversidade Brasileira - SiBBR](#)

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 How to cite [DOI](#) 10.15468/noeqwa

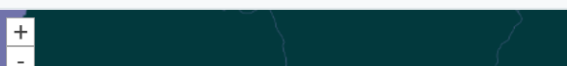
 2,173 Occurrences

 100% With taxon match

 100% With coordinates

 100% With year

2,173 GEOREFERENCED RECORDS



SAMPLING EVENT | REGISTERED AUGUST 14, 2019

# Interannual variability of ichthyoplankton diversity in the Patos Lagoon estuary Southern Brazil

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José Henrique Muelbert • Valéria Marques Lemos • Marianna Lanari

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2,173 OCCURRENCES

608 download events

2,173 OCCURRENCES FROM THIS DATASET

[DOI](#) 10.15468/dl.mxfj  
Date: 1 February 2020  
Format: Apache Avro

Occurrences: 1,391,087,756  
Involved datasets: 28,447

No filters used

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Evolução tecnológica

Evolução da comunicação

Evolução dos métodos e quantidades de dados científicos gerados

Demanda ambiental – Conservação - Políticas públicas



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## FAIR PRINCIPLES



Crédito: <https://www.dtls.nl/fair-data/fair-data/>

# Formação de recursos humanos no PELD-ELPA

## Tópicos Especiais em Oceanografia Biológica I

*Bancos de dados ecológicos: da estruturação ao Data Paper*

Dra. Valéria Lemos e Dra. Marianna Lanari



Disciplina prático-teórica ofertada aos mestrandos e doutorandos do Programa de Pós-graduação em Oceanografia Biológica - 4º Bimestre de 2019



# Tópicos Especiais em Oceanografia Biológica I

## *Bancos de dados ecológicos: da estruturação ao Data Paper*

Dra. Valéria Lemos e Dra. Marianna Lanari



- Repositórios de dados ecológicos: definições e importância
- Publicação de dados ecológicos: histórico mundial, importância e benefícios;
- Principais repositórios internacionais de publicação de dados ecológicos
- Uso das plataformas para a obtenção de dados;
- Formatação de dados no padrão *Darwin Core*.
- Ferramentas de controle de qualidade da publicação dos dados ecológicos;
- Importância e estruturação dos Metadados
- Publicação de *Data Papers*
- Panorama global de publicação de dados ecológicos.

**Próxima oferta da disciplina no PPGOB: 3º Bimestre de 2020**

- Atualização dos dados disponíveis no GBIF até 2018;



- Redação de *data papers*;



- Disponibilização dos dados também na plataforma Ocean Biogeographic Information System (OBIS);



- Interação com demais PELDs para troca de conhecimentos técnicos.