BIOFILE

Office of Response and Restoration

📝 Entity (ENT) | ID: 47293 | Draft

Created: 2017-09-08 | Last Modified: 2019-09-10

Parent: [REGION NAME] [YEAR] ESI [BIOLOGY ELEMENT] [Polygons, Lines, Points]
📒 Data Set (DS) | ID: 47292

ID: 47293
Entity (ENT)

* **Discovery**
• **First Pass**
» **Metadata Rubric**

Item Identification

* » Title	BIOFILE
Short Name	BIOFILE
* Status	Completed
Creation Date	
Revision Date	
• Publication Date	0000-01
* » Abstract	The data table BIOFILE contains biological attribute data and key fields for linking to the vector objects in the biological data layers and to the associated data tables, BREED_DT and SOURCES. See the Entity_and_Attribute_Overview for a detailed description of how the primary attribute tables relate to the geographic data layers. Also see the Browse_Graphic section for a link to the entity-relationship diagram, which describes the way this table relates to other attribute tables in the ESI data structure.	Description Source: NOAA ESI Guidelines
* Purpose	
Notes	Converted from FGDC using 'fgdc_to_inport_xml_entity.pl' script.
Other Citation Details	
• Supplemental Information	
DOI (Digital Object Identifier)	

DOI Registration Authority	
DOI Issue Date	

Keywords

Theme Keywords

Thesaurus	Keyword

Temporal Keywords

Thesaurus	Keyword

* Spatial Keywords

Thesaurus	Keyword

Stratum Keywords

Thesaurus	Keyword

Instrument Keywords

Thesaurus	Keyword

Platform Keywords

Thesaurus	Keyword

Physical Location

• » Organization	
• » City	
• » State/Province	
• Country	
• » Location Description	

Data Entity Information

Entity Type	
Active Version?	
Alias	
Schema Name	
» Description	
Change Summary	

Data Attributes
Attribute Summary

Score	Req'd?	PKey?	» Name	Data Storage Type	Description
100	Yes	No	ELEMENT	TEXT	Major categories of biological data. [LIST ALL (AND ONLY) THE ELEMENTS CONTAINED IN THE SPECIFIC ATLAS.] | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
100	Yes	No	SUBELEMENT	TEXT	Element subgroup delineating a logical grouping of species. | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
100	Yes	No	NAME	TEXT	Species common name. This atlas contains a subset of the species found in the ESI Species List, available online at http://response.restoration.noaa.gov/maps-and-spatial-data/esi-species-list.html. For a list of the species included in this data layer, see the Completeness_Report found in the parent record. | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.

100	No	No	GEN_SPEC	TEXT	Species scientific name (Genus species). This atlas contains a subset of the species found in the ESI Species List, available online at http://response.restoration.noaa.gov/maps-and-spatial-data/esi-species-list.html. For a list of the species included in this data layer, see the Completeness_Report found in the parent record. | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
100	No	No	S	TEXT	State threatened or endangered status. If the atlas covers two states, the status for each state is separated by a slash '/'; the order of entry reflects the order of the state abbreviations found in the STATE field. | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
100	No	No	F	TEXT	Federal threatened or endangered status. | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
100	No	No	STATE	TEXT	Two-letter state abbreviation to which state status applies. If atlas covers 2 states, abbreviation for each state should be separated by a slash (/). | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
100	No	No	S_DATE	NUMBER	Publication date of source material used to assign state status values for each species, if used. | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
100	No	No	F_DATE	NUMBER	Publication date of source material used to assign federal status values for each species, if used. | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
100	No	No	GRANK	TEXT	Global Rank of the species as defined by NatureServe | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
100	No	No	GRANKDATE	NUMBER	Date the GRANK was assessed | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
100	Yes	No	MAPPING_QUALIFIER	TEXT	Highlights discrete life stages or vulnerabilities (i.e., nesting, molting, haul out site, etc.) | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
100	No	No	CONC	TEXT	[SAMPLE TEXT PROVIDED HERE. PROVIDE ATLAS AND ELEMENT-SPECIFIC INFORMATION.] The field CONC refers to concentration, abundance or density values, and may contain counts of individuals for each species present at a particular nesting or wintering site, or a term that describes relative abundance of birds at a particular site. The field may contain values

					from exact counts (e.g., XX BIRDS, XX PAIRS, or XX ADULTS), or binned counts (e.g., 10S, 100S, 1,000S). In cases where no quantitative data were available, the field may contain descriptive terms, such as "HIGH" or "POSSIBLE." If no concentration information was available, the field is populated with "-". Counts were derived from a variety of surveys, and may range in date (see Lineage). | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
100	No	No	JAN	TEXT	January | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
100	No	No	FEB	TEXT	February | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
100	No	No	MAR	TEXT	March | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
100	No	No	APR	TEXT	April | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
100	No	No	MAY	TEXT	May | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
100	No	No	JUN	TEXT	June | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
100	No	No	JUL	TEXT	July |Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
100	No	No	AUG	TEXT	August | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
100	No	No	SEP	TEXT	September | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
100	No	No	OCT	TEXT	October | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
100	No	No	NOV	TEXT	November | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
100	No	No	DEC	TEXT	December | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
100	No	No	BREED1	TEXT	Month range where a life history stage or activity type is occurring. Activity represented varies by element. If ELEMENT is "BIRD" then BREED1 = nesting; if ELEMENT is "FISH" then BREED1 = spawning; if ELEMENT is "INVERT" then BREED1 = spawning; if ELEMENT is "HERP" then BREED1 = nesting; if ELEMENT is "M_MAMMAL" then BREED1 = mating. Values will show month or range of months (e.g., JAN-MAY). A value of "-" indicates life stage or activity not present or not reported. A value of "N/A" indicates that the breed category is not used or not appropriate for the element referenced. This

					attribute is not used for BENTHIC, HABITAT, or T_MAMMAL elements. | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
100	No	No	BREED2	TEXT	Month range where a life history stage or activity type is occurring. Activity represented varies by element. If ELEMENT is "BIRD" then BREED2 = migrating; if ELEMENT is "FISH" then BREED2 = eggs; if ELEMENT is "INVERT" then BREED2 = eggs; if ELEMENT is "HERP" then BREED2 = hatching; if ELEMENT is "M_MAMMAL" then BREED2 = calving. Values will show month or range of months (e.g., JAN-MAY). A value of "-" indicates life stage or activity not present or not reported. A value of "N/A" indicates that the breed category is not used or not appropriate for the element referenced. This attribute is not used for BENTHIC, HABITAT, or T_MAMMAL elements. | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
100	No	No	BREED3	TEXT	Month range where a life history stage or activity type is occurring. Activity represented varies by element. If ELEMENT is "BIRD" then BREED3 = migrating (fall); if ELEMENT is "FISH" then BREED3 = larvae; if ELEMENT is "INVERT" then BREED3 = larvae; if ELEMENT is "HERP" then BREED3 = internesting; if ELEMENT is "M_MAMMAL" then BREED3 = pupping. Values will show month or range of months (e.g., JAN-MAY). A value of "-" indicates life stage or activity not present or not reported. A value of "N/A" indicates that the breed category is not used or not appropriate for the element referenced. This attribute is not used for BENTHIC, HABITAT, or T_MAMMAL elements. | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
100	No	No	BREED4	TEXT	Month range where a life history stage or activity type is occurring. Activity represented varies by element. If ELEMENT is "BIRD" then BREED4 = molting; if ELEMENT is "FISH" then BREED4 = juveniles; if ELEMENT is "INVERT" then BREED4 = juveniles; if ELEMENT is "HERP" then BREED4 = juveniles; if ELEMENT is "M_MAMMAL" then BREED4 = molting. Values will show month or range of months (e.g., JAN-MAY). A value of "-" indicates life stage or activity not present or not reported. A value of "N/A" indicates that the breed category is not used or not appropriate for the element referenced. This attribute is not used for BENTHIC, HABITAT, or T_MAMMAL elements. | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
100	No	No	BREED5	TEXT	Month range where a life history stage or activity type is occurring. Activity represented varies by element. If

100					ELEMENT is "FISH" then BREED5 = adults; if ELEMENT is "INVERT" then BREED5 = adults; if ELEMENT is "HERP" then BREED5 = adults. Values will show month or range of months (e.g., JAN-MAY). A value of "-" indicates life stage or activity not present or not reported. A value of "N/A" indicates that the breed category is not used or not appropriate for the element referenced. This attribute is not used for BENTHIC, BIRD, HABITAT, M_MAMMAL, or T_MAMMAL elements. | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
100	Yes	Yes	RARNUM	NUMBER	A 9-digit identifier that links records in the BIOFILE data table to related records in the biological data layers. | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
100	Yes	No	G_SOURCE	NUMBER	An 8-digit identifier that links to the SOURCES data table record providing information on the geographic source. | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
100	Yes	No	S_SOURCE	NUMBER	An 8-digit identifier that links to the SOURCES data table record providing information on the geographic source. | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
100	No	No	BREED	NUMBER	Identifier that links records in the BIOFILE data table to related records in the BREED_DT data table. |Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.

Attribute Details

Attribute Name	ELEMENT
Seq. Order	1
Data Storage Type	TEXT
Max Length	10
Min Length	
Required	Yes
Primary Key	No
Precision	
Scale	
Status	Active
Description	Major categories of biological data. [LIST ALL (AND ONLY) THE ELEMENTS CONTAINED IN THE SPECIFIC ATLAS.] | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.

General Data Type	
Unit of Measure	
Case Restriction	Upper
Display Example	
Format Mask	
Null Value	
Null Value Meaning	
Allowed Values	BENTHIC: Benthic habitats | BIRD: Birds | FISH: Fish | HABITAT: Habitats and plants | HERP: Reptiles and Amphibians | INVERT: Invertebrates | M_MAMMAL: Marine mammals | T_MAMMAL: Terrestrial mammals
Default Value	
Foreign Key Relations	
Derivation	
Validation Rules	

Attribute Name	SUBELEMENT
Seq. Order	2
Data Storage Type	TEXT
Max Length	10
Min Length	
Required	Yes
Primary Key	No
Precision	
Scale	
Status	Active
Description	Element subgroup delineating a logical grouping of species. | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
General Data	

Type	
Unit of Measure	
Case Restriction	Upper
Display Example	
Format Mask	
Null Value	
Null Value Meaning	
Allowed Values	[LIST ALL (AND ONLY) THE SUBELEMENTS CONTAINED IN THE SPECIFIC ATLAS. example: alcid: Alcid | amphibian: Amphibian | bivalve: Bivalve | cephalopod: Cephalopod | crab: Crab | diadromous: Diadromous fish | diving: Diving bird | dolphin: Dolphin | e_nursery: Estuarine nursery fish | fish: Fish | freshwater: Freshwater fish | gull_tern: Gull or tern | invert: Invertebrate | m_benthic: Marine benthic fish | m_pelagic: Marine pelagic fish | manatee: Manatee | passerine: Passerine bird | pelagic: Pelagic bird | plant: Plant | raptor: Raptor | shorebird: Shorebird | shrimp: Shrimp | snake: Snake | turtle: Turtle | upland: Upland vegetation | wading: Wading bird | waterfowl: Waterfowl | wetland: Wetland | whale: Whale]
Default Value	
Foreign Key Relations	
Derivation	
Validation Rules	

Attribute Name	NAME
Seq. Order	3
Data Storage Type	TEXT
Max Length	35
Min Length	
Required	Yes
Primary Key	No
Precision	
Scale	
Status	Active
Description	Species common name. This atlas contains a subset of the species found in the ESI Species List, available

	online at http://response.restoration.noaa.gov/maps-and-spatial-data/esi-species-list.html. For a list of the species included in this data layer, see the Completeness_Report found in the parent record. | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
General Data Type	
Unit of Measure	
Case Restriction	Mixed
Display Example	
Format Mask	
Null Value	
Null Value Meaning	
Allowed Values	Acceptable values change from atlas to atlas.
Default Value	
Foreign Key Relations	
Derivation	
Validation Rules	

Attribute Name	GEN_SPEC
Seq. Order	4
Data Storage Type	TEXT
Max Length	45
Min Length	
Required	No
Primary Key	No
Precision	
Scale	
Status	Active
Description	Species scientific name (Genus species). This atlas contains a subset of the species found in the ESI Species List, available online at http://response.restoration.noaa.gov/maps-and-spatial-data/esi-species-list.html. For a list of the species included in this data layer, see the Completeness_Report found in the parent record. | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.

General Data Type	
Unit of Measure	
Case Restriction	Mixed
Display Example	
Format Mask	
Null Value	
Null Value Meaning	
Allowed Values	Acceptable values change from atlas to atlas.
Default Value	
Foreign Key Relations	
Derivation	
Validation Rules	

Attribute Name	S
Seq. Order	5
Data Storage Type	TEXT
Max Length	3
Min Length	
Required	No
Primary Key	No
Precision	
Scale	
Status	Active
Description	State threatened or endangered status. If the atlas covers two states, the status for each state is separated by a slash '/'; the order of entry reflects the order of the state abbreviations found in the STATE field.	Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
General Data Type	
Unit of Measure	

Case Restriction	Upper
Display Example	
Format Mask	
Null Value	
Null Value Meaning	
Allowed Values	E: Endangered on state list | T: Threatened on state list | C: Species of Special Concern | S: Threatened or endangered due to similarity of appearance | X: Experimental essential population | -: No state status applies |
Default Value	
Foreign Key Relations	
Derivation	
Validation Rules	

Attribute Name	F
Seq. Order	6
Data Storage Type	TEXT
Max Length	1
Min Length	
Required	No
Primary Key	No
Precision	
Scale	
Status	Active
Description	Federal threatened or endangered status. | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
General Data Type	
Unit of Measure	
Case Restriction	Upper

Display Example	
Format Mask	
Null Value	
Null Value Meaning	
Allowed Values	E: Endangered on federal list | T: Threatened on federal list | C: Species of Special Concern | S: Threatened or endangered due to similarity of appearance | X: Experimental essential population | -: No federal status applies |
Default Value	
Foreign Key Relations	
Derivation	
Validation Rules	

Attribute Name	STATE
Seq. Order	7
Data Storage Type	TEXT
Max Length	5
Min Length	
Required	No
Primary Key	No
Precision	
Scale	
Status	Active
Description	Two-letter state abbreviation to which state status applies. If atlas covers 2 states, abbreviation for each state should be separated by a slash (/).| Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
General Data Type	
Unit of Measure	
Case Restriction	Upper
Display Example	

Format Mask	
Null Value	
Null Value Meaning	
Allowed Values	Acceptable values change from atlas to atlas.
Default Value	
Foreign Key Relations	
Derivation	
Validation Rules	

Attribute Name	S_DATE
Seq. Order	8
Data Storage Type	NUMBER
Max Length	
Min Length	
Required	No
Primary Key	No
Precision	
Scale	
Status	Active
Description	Publication date of source material used to assign state status values for each species, if used. | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
General Data Type	
Unit of Measure	
Case Restriction	
Display Example	
Format Mask	
Null Value	

Null Value Meaning	
Allowed Values	YYYYMM: YYYY for year and optionally MM for month	
Default Value	
Foreign Key Relations	
Derivation	
Validation Rules	

Attribute Name	F_DATE
Seq. Order	9
Data Storage Type	NUMBER
Max Length	
Min Length	
Required	No
Primary Key	No
Precision	
Scale	
Status	Active
Description	Publication date of source material used to assign federal status values for each species, if used.	Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
General Data Type	
Unit of Measure	
Case Restriction	
Display Example	
Format Mask	
Null Value	
Null Value Meaning	

Allowed Values	YYYYMM: YYYY for year and optionally MM for month |
Default Value	
Foreign Key Relations	
Derivation	
Validation Rules	

Attribute Name	GRANK
Seq. Order	10
Data Storage Type	TEXT
Max Length	8
Min Length	
Required	No
Primary Key	No
Precision	
Scale	
Status	Active
Description	Global Rank of the species as defined by NatureServe | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
General Data Type	
Unit of Measure	
Case Restriction	
Display Example	
Format Mask	
Null Value	
Null Value Meaning	
Allowed Values	NatureServe Global Conservation Status Ranks: NatureServe
Default Value	

Foreign Key Relations	
Derivation	
Validation Rules	

Attribute Name	GRANKDATE
Seq. Order	11
Data Storage Type	NUMBER
Max Length	
Min Length	
Required	No
Primary Key	No
Precision	
Scale	
Status	Active
Description	Date the GRANK was assessed	Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
General Data Type	
Unit of Measure	
Case Restriction	
Display Example	
Format Mask	
Null Value	
Null Value Meaning	
Allowed Values	YYYYMM: YYYY for year and optionally MM for month	0: Date unspecified	
Default Value	
Foreign Key Relations	

Derivation	
Validation Rules	

Attribute Name	MAPPING_QUALIFIER
Seq. Order	12
Data Storage Type	TEXT
Max Length	25
Min Length	
Required	Yes
Primary Key	No
Precision	
Scale	
Status	Active
Description	Highlights discrete life stages or vulnerabilities (i.e., nesting, molting, haul out site, etc.) | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
General Data Type	
Unit of Measure	
Case Restriction	Upper
Display Example	
Format Mask	
Null Value	
Null Value Meaning	
Allowed Values	CALVING: Calving | COLONY: Colony | CONCENTRATION AREA: Concentration Area | DENNING: Denning | GENERAL DISTRIBUTION: General Distribution | HARVEST AREA: Harvest Area | HAUL OUT: Haul Out | HAZARD: Hazard | HIGH ECOLOGICAL VALUE: High Ecological Value | MIGRATION: Migration | NESTING: Nesting | NURSERY AREA: Nursery Area | PUPPING: Pupping | RAFTING: Rafting | ROOSTING: Roosting | SPAWNING AREA: Spawning Area | THERMAL REFUGE: Thermal Refuge | VULNERABLE OCCURRENCE: Vulnerable Occurrence | WINTERING: Wintering |
Default Value	
Foreign Key	

Relations	
Derivation	
Validation Rules	

Attribute Name	CONC
Seq. Order	13
Data Storage Type	TEXT
Max Length	20
Min Length	
Required	No
Primary Key	No
Precision	
Scale	
Status	Active
Description	[SAMPLE TEXT PROVIDED HERE. PROVIDE ATLAS AND ELEMENT-SPECIFIC INFORMATION.] The field CONC refers to concentration, abundance or density values, and may contain counts of individuals for each species present at a particular nesting or wintering site, or a term that describes relative abundance of birds at a particular site. The field may contain values from exact counts (e.g., XX BIRDS, XX PAIRS, or XX ADULTS), or binned counts (e.g., 10S, 100S, 1,000S). In cases where no quantitative data were available, the field may contain descriptive terms, such as "HIGH" or "POSSIBLE." If no concentration information was available, the field is populated with "-". Counts were derived from a variety of surveys, and may range in date (see Lineage). | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
General Data Type	
Unit of Measure	
Case Restriction	
Display Example	
Format Mask	
Null Value	
Null Value Meaning	
Allowed Values	Acceptable values change from atlas to atlas.
Default Value	
Foreign Key	

Relations	
Derivation	
Validation Rules	

Attribute Name	JAN
Seq. Order	14
Data Storage Type	TEXT
Max Length	1
Min Length	
Required	No
Primary Key	No
Precision	
Scale	
Status	Active
Description	January	Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
General Data Type	
Unit of Measure	
Case Restriction	Upper
Display Example	
Format Mask	
Null Value	
Null Value Meaning	
Allowed Values	X: Present in January	
Default Value	
Foreign Key Relations	
Derivation	

Validation Rules	

Attribute Name	FEB
Seq. Order	15
Data Storage Type	TEXT
Max Length	1
Min Length	
Required	No
Primary Key	No
Precision	
Scale	
Status	Active
Description	February	Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
General Data Type	
Unit of Measure	
Case Restriction	Upper
Display Example	
Format Mask	
Null Value	
Null Value Meaning	
Allowed Values	X: Present in February	
Default Value	
Foreign Key Relations	
Derivation	
Validation Rules	

Attribute Name	MAR
Seq. Order	16
Data Storage Type	TEXT
Max Length	1
Min Length	
Required	No
Primary Key	No
Precision	
Scale	
Status	Active
Description	March | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
General Data Type	
Unit of Measure	
Case Restriction	Upper
Display Example	
Format Mask	
Null Value	
Null Value Meaning	
Allowed Values	X: Present in March |
Default Value	
Foreign Key Relations	
Derivation	
Validation Rules	

Attribute Name	APR
Seq. Order	17
Data Storage Type	TEXT
Max Length	1
Min Length	
Required	No
Primary Key	No
Precision	
Scale	
Status	Active
Description	April	Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
General Data Type	
Unit of Measure	
Case Restriction	Upper
Display Example	
Format Mask	
Null Value	
Null Value Meaning	
Allowed Values	X: Present in April	
Default Value	
Foreign Key Relations	
Derivation	
Validation Rules	

Attribute Name	MAY
Seq. Order	18

Data Storage Type	TEXT
Max Length	1
Min Length	
Required	No
Primary Key	No
Precision	
Scale	
Status	Active
Description	May	Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
General Data Type	
Unit of Measure	
Case Restriction	Upper
Display Example	
Format Mask	
Null Value	
Null Value Meaning	
Allowed Values	X: Present in May	
Default Value	
Foreign Key Relations	
Derivation	
Validation Rules	

Attribute Name	JUN
Seq. Order	19
Data Storage Type	TEXT
Max Length	1

Min Length	
Required	No
Primary Key	No
Precision	
Scale	
Status	Active
Description	June | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
General Data Type	
Unit of Measure	
Case Restriction	Upper
Display Example	
Format Mask	
Null Value	
Null Value Meaning	
Allowed Values	X: Present in June |
Default Value	
Foreign Key Relations	
Derivation	
Validation Rules	

Attribute Name	JUL
Seq. Order	20
Data Storage Type	TEXT
Max Length	1
Min Length	
Required	No

Primary Key	No
Precision	
Scale	
Status	Active
Description	July |Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
General Data Type	
Unit of Measure	
Case Restriction	Upper
Display Example	
Format Mask	
Null Value	
Null Value Meaning	
Allowed Values	X: Present in July	
Default Value	
Foreign Key Relations	
Derivation	
Validation Rules	

Attribute Name	AUG
Seq. Order	21
Data Storage Type	TEXT
Max Length	1
Min Length	
Required	No
Primary Key	No
Precision	

Scale	
Status	Active
Description	August | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
General Data Type	
Unit of Measure	
Case Restriction	Upper
Display Example	
Format Mask	
Null Value	
Null Value Meaning	
Allowed Values	X: Present in August |
Default Value	
Foreign Key Relations	
Derivation	
Validation Rules	

Attribute Name	SEP
Seq. Order	22
Data Storage Type	TEXT
Max Length	1
Min Length	
Required	No
Primary Key	No
Precision	
Scale	
Status	Active

Description	September | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
General Data Type	
Unit of Measure	
Case Restriction	Upper
Display Example	
Format Mask	
Null Value	
Null Value Meaning	
Allowed Values	X: Present in September |
Default Value	
Foreign Key Relations	
Derivation	
Validation Rules	

Attribute Name	OCT
Seq. Order	23
Data Storage Type	TEXT
Max Length	1
Min Length	
Required	No
Primary Key	No
Precision	
Scale	
Status	Active
Description	October | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.

General Data Type	
Unit of Measure	
Case Restriction	Upper
Display Example	
Format Mask	
Null Value	
Null Value Meaning	
Allowed Values	X: Present in October |
Default Value	
Foreign Key Relations	
Derivation	
Validation Rules	

Attribute Name	NOV
Seq. Order	24
Data Storage Type	TEXT
Max Length	1
Min Length	
Required	No
Primary Key	No
Precision	
Scale	
Status	Active
Description	November | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
General Data Type	
Unit of Measure	

Case Restriction	Upper
Display Example	
Format Mask	
Null Value	
Null Value Meaning	
Allowed Values	X: Present in November	
Default Value	
Foreign Key Relations	
Derivation	
Validation Rules	

Attribute Name	DEC
Seq. Order	25
Data Storage Type	TEXT
Max Length	1
Min Length	
Required	No
Primary Key	No
Precision	
Scale	
Status	Active
Description	December	Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
General Data Type	
Unit of Measure	
Case Restriction	Upper
Display Example	

Format Mask	
Null Value	
Null Value Meaning	
Allowed Values	X: Present in December |
Default Value	
Foreign Key Relations	
Derivation	
Validation Rules	

Attribute Name	BREED1
Seq. Order	26
Data Storage Type	TEXT
Max Length	8
Min Length	
Required	No
Primary Key	No
Precision	
Scale	
Status	Active
Description	Month range where a life history stage or activity type is occurring. Activity represented varies by element. If ELEMENT is "BIRD" then BREED1 = nesting; if ELEMENT is "FISH" then BREED1 = spawning; if ELEMENT is "INVERT" then BREED1 = spawning; if ELEMENT is "HERP" then BREED1 = nesting; if ELEMENT is "M_MAMMAL" then BREED1 = mating. Values will show month or range of months (e.g., JAN-MAY). A value of "-" indicates life stage or activity not present or not reported. A value of "N/A" indicates that the breed category is not used or not appropriate for the element referenced. This attribute is not used for BENTHIC, HABITAT, or T_MAMMAL elements. | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
General Data Type	
Unit of Measure	
Case Restriction	Upper

Display Example	
Format Mask	
Null Value	
Null Value Meaning	
Allowed Values	Acceptable values change from atlas to atlas.
Default Value	
Foreign Key Relations	
Derivation	
Validation Rules	

Attribute Name	BREED2
Seq. Order	27
Data Storage Type	TEXT
Max Length	8
Min Length	
Required	No
Primary Key	No
Precision	
Scale	
Status	Active
Description	Month range where a life history stage or activity type is occurring. Activity represented varies by element. If ELEMENT is "BIRD" then BREED2 = migrating; if ELEMENT is "FISH" then BREED2 = eggs; if ELEMENT is "INVERT" then BREED2 = eggs; if ELEMENT is "HERP" then BREED2 = hatching; if ELEMENT is "M_MAMMAL" then BREED2 = calving. Values will show month or range of months (e.g., JAN-MAY). A value of "-" indicates life stage or activity not present or not reported. A value of "N/A" indicates that the breed category is not used or not appropriate for the element referenced. This attribute is not used for BENTHIC, HABITAT, or T_MAMMAL elements. | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
General Data Type	
Unit of Measure	

Case Restriction	Upper
Display Example	
Format Mask	
Null Value	
Null Value Meaning	
Allowed Values	Acceptable values change from atlas to atlas.
Default Value	
Foreign Key Relations	
Derivation	
Validation Rules	

Attribute Name	BREED3
Seq. Order	28
Data Storage Type	TEXT
Max Length	8
Min Length	
Required	No
Primary Key	No
Precision	
Scale	
Status	Active
Description	Month range where a life history stage or activity type is occurring. Activity represented varies by element. If ELEMENT is "BIRD" then BREED3 = migrating (fall); if ELEMENT is "FISH" then BREED3 = larvae; if ELEMENT is "INVERT" then BREED3 = larvae; if ELEMENT is "HERP" then BREED3 = internesting; if ELEMENT is "M_MAMMAL" then BREED3 = pupping. Values will show month or range of months (e.g., JAN-MAY). A value of "-" indicates life stage or activity not present or not reported. A value of "N/A" indicates that the breed category is not used or not appropriate for the element referenced. This attribute is not used for BENTHIC, HABITAT, or T_MAMMAL elements. | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
General Data Type	

Unit of Measure	
Case Restriction	Upper
Display Example	
Format Mask	
Null Value	
Null Value Meaning	
Allowed Values	Acceptable values change from atlas to atlas.
Default Value	
Foreign Key Relations	
Derivation	
Validation Rules	

Attribute Name	BREED4
Seq. Order	29
Data Storage Type	TEXT
Max Length	8
Min Length	
Required	No
Primary Key	No
Precision	
Scale	
Status	Active
Description	Month range where a life history stage or activity type is occurring. Activity represented varies by element. If ELEMENT is "BIRD" then BREED4 = molting; if ELEMENT is "FISH" then BREED4 = juveniles; if ELEMENT is "INVERT" then BREED4 = juveniles; if ELEMENT is "HERP" then BREED4 = juveniles; if ELEMENT is "M_MAMMAL" then BREED4 = molting. Values will show month or range of months (e.g., JAN-MAY). A value of "-" indicates life stage or activity not present or not reported. A value of "N/A" indicates that the breed category is not used or not appropriate for the element referenced. This attribute is not used for BENTHIC, HABITAT, or T_MAMMAL elements. | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
General Data	

Type	
Unit of Measure	
Case Restriction	Upper
Display Example	
Format Mask	
Null Value	
Null Value Meaning	
Allowed Values	Acceptable values change from atlas to atlas.
Default Value	
Foreign Key Relations	
Derivation	
Validation Rules	

Attribute Name	BREED5
Seq. Order	30
Data Storage Type	TEXT
Max Length	8
Min Length	
Required	No
Primary Key	No
Precision	
Scale	
Status	Active
Description	Month range where a life history stage or activity type is occurring. Activity represented varies by element. If ELEMENT is "FISH" then BREED5 = adults; if ELEMENT is "INVERT" then BREED5 = adults; if ELEMENT is "HERP" then BREED5 = adults. Values will show month or range of months (e.g., JAN-MAY). A value of "-" indicates life stage or activity not present or not reported. A value of "N/A" indicates that the breed category is not used or not appropriate for the element referenced. This attribute is not used for BENTHIC, BIRD, HABITAT, M_MAMMAL, or T_MAMMAL elements. | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.

General Data Type	
Unit of Measure	
Case Restriction	Upper
Display Example	
Format Mask	
Null Value	
Null Value Meaning	
Allowed Values	Acceptable values change from atlas to atlas.
Default Value	
Foreign Key Relations	
Derivation	
Validation Rules	

Attribute Name	RARNUM
Seq. Order	31
Data Storage Type	NUMBER
Max Length	9
Min Length	9
Required	Yes
Primary Key	Yes
Precision	
Scale	
Status	Active
Description	A 9-digit identifier that links records in the BIOFILE data table to related records in the biological data layers.	Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
General Data Type	
Unit of Measure	

Case Restriction	
Display Example	
Format Mask	
Null Value	
Null Value Meaning	
Allowed Values	[Need to Add] - [Need to Add]
Default Value	
Foreign Key Relations	
Derivation	
Validation Rules	

Attribute Name	G_SOURCE
Seq. Order	32
Data Storage Type	NUMBER
Max Length	8
Min Length	8
Required	Yes
Primary Key	No
Precision	
Scale	
Status	Active
Description	An 8-digit identifier that links to the SOURCES data table record providing information on the geographic source. | Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
General Data Type	
Unit of Measure	
Case Restriction	
Display Example	

Format Mask	
Null Value	
Null Value Meaning	
Allowed Values	[Need to add range of values]
Default Value	
Foreign Key Relations	
Derivation	
Validation Rules	

Attribute Name	S_SOURCE
Seq. Order	33
Data Storage Type	NUMBER
Max Length	8
Min Length	8
Required	Yes
Primary Key	No
Precision	
Scale	
Status	Active
Description	An 8-digit identifier that links to the SOURCES data table record providing information on the geographic source.	Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
General Data Type	
Unit of Measure	
Case Restriction	
Display Example	
Format Mask	
Null Value	

Null Value Meaning	
Allowed Values	[Need to add range of values]
Default Value	
Foreign Key Relations	
Derivation	
Validation Rules	

Attribute Name	BREED
Seq. Order	34
Data Storage Type	NUMBER
Max Length	
Min Length	
Required	No
Primary Key	No
Precision	
Scale	
Status	Active
Description	Identifier that links records in the BIOFILE data table to related records in the BREED_DT data table. |Description Source: Environmental Sensitivity Index Guidelines, Version 4.0.
General Data Type	
Unit of Measure	
Case Restriction	
Display Example	
Format Mask	
Null Value	
Null Value Meaning	

Allowed Values	[Need to add range of values]
Default Value	
Foreign Key Relations	
Derivation	
Validation Rules	

Attribute Name	
Seq. Order	
Data Storage Type	
Max Length	
Precision	
Scale	
Required	
Primary Key	
Status	
Description	
General Data Type	
Case Restriction	
Format Mask	
Null Value	
Null Value Meaning	
Min Length	
Unit of Measure	
Display Example	
Allowed Values	
Default Value	

Foreign Key Relations	
Derivation	
Validation Rules	

Attribute Name	
Seq. Order	
Data Storage Type	
Max Length	
Precision	
Scale	
Required	
Primary Key	
Status	
Description	
General Data Type	
Case Restriction	
Format Mask	
Null Value	
Null Value Meaning	
Min Length	
Unit of Measure	
Display Example	
Allowed Values	
Default Value	
Foreign Key Relations	

Derivation	
Validation Rules	

Attribute Name	
Seq. Order	
Data Storage Type	
Max Length	
Precision	
Scale	
Required	
Primary Key	
Status	
Description	
General Data Type	
Case Restriction	
Format Mask	
Null Value	
Null Value Meaning	
Min Length	
Unit of Measure	
Display Example	
Allowed Values	
Default Value	
Foreign Key Relations	
Derivation	

Validation Rules	

Support Roles

» At least one Distributor Org, one Metadata Contact, one Point of Contact, and one Data Steward should be listed.

* » Support Role	
* » Date Effective From	
Date Effective To	
* » Contact	
* Contact Instructions	

* » Support Role	
* » Date Effective From	
Date Effective To	
* » Contact	
* Contact Instructions	

* » Support Role	
* » Date Effective From	
Date Effective To	
* » Contact	
* Contact Instructions	

Extents

Currentness Reference	

Extent Group 1

Extent Description	

Extent Group 1 / Geographic Area

* » W° Bound	
* » E° Bound	
* » N° Bound	
* » S° Bound	
* » Description	

Extent Group 1 / Vertical Extent

EPSG Code	
Vertical Minimum	
Vertical Maximum	

Extent Group 1 / Time Frame

* » Time Frame Type	
* » Start	
End	
Alternate Start as of Info	
Alternate End as of Info	
Description	

Access Information

* » Security Class	
* Security Classification System	
Security Handling Description	
• Data Access Policy	

» Data Access Procedure	
• » Data Access Constraints	
• Data Use Constraints	
Metadata Access Constraints	
Metadata Use Constraints	

Distribution Information

Start Date	
End Date	
» Download URL	
Distributor	
File Name	
Description	
File Date/Time	
File Type	
FGDC Content Type	
File Size	
Application Version	
Compression	
Review Status	

Start Date	
End Date	
» Download URL	
Distributor	

File Name	
Description	
File Date/Time	
File Type	
FGDC Content Type	
File Size	
Application Version	
Compression	
Review Status	

Start Date	
End Date	
» Download URL	
Distributor	
File Name	
Description	
File Date/Time	
File Type	
FGDC Content Type	
File Size	
Application Version	
Compression	
Review Status	

Activity Log

Activity Time	
Activity Type	
Responsible Party	

Description	

Activity Time	
Activity Type	
Responsible Party	
Description	

Activity Time	
Activity Type	
Responsible Party	
Description	

Issues

Issue Date	
Author	
Issue	

Issue Date	
Author	
Issue	

Issue Date	
Author	
Issue	

FAQs

Date	
Author	
Question	
Answer	

Child Items

Rubric scores updated every 15m

Score	Type	Title

Related Items

Item Type	Relationship Type	Title

Catalog Details

Catalog Item ID	47293
Metadata Record Created By	David Moe Nelson
Metadata Record Created	2017-09-08 11:33+0000
Metadata Record Last Modified By	Jill Petersen
» Metadata Record Last Modified	2019-09-10 16:34+0000
Metadata Record Published	
Owner Org	ORR
Metadata Publication	Never Published

Status	
Do Not Publish?	N
Metadata Workflow State	Draft
Metadata Next Review Date	