Schema documentation for basicAnimalInfo.xsd

may 9, 2017

Table of Contents

Namespace: "http://data.gcoos.org/mmhmap/xml/1.0"

Schema(s)

Main schema `basicAnimalInfo.xsd`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0	
Annotations		
Properties	attribute form default:	`unqualified`
	element form default:	`qualified`
	version:	`1.0.0.2`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd	
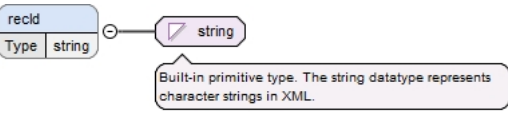
Element(s)

Element `recordIdentifier`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Annotations	
Diagram	
Properties	content: complex
Model	recId{0,1} , organization{0,1} , localId{0,1} , animalId{0,1} , orgId{0,1} , animalIdCount , laboratory* , labaratoryId* , labRecId* , reportId* , laboratoryabbreviation{0,1} , laboratoryCount , RecGenOthers{0,1} , HealthMAPId{0,1}
Children	HealthMAPId, RecGenOthers, animalId, animalIdCount, labRecId, labaratoryId, laboratory, laboratoryCount, laboratoryabbreviation, localId, orgId, organization, recId, reportId
Instance	`<recordIdentifier xmlns="http://data.gcoos.org/mmhmap/xml/1.0">` `<recId>{0,1}</recId>`
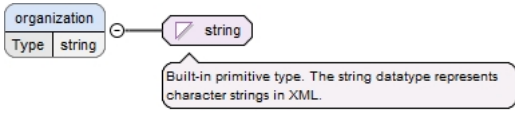
	``xml
	<organization>{0,1}</organization>
	<localId>{0,1}</localId>
	<animalId>{0,1}</animalId>
	<orgId>{0,1}</orgId>
	<animalIdCount>{1,1}</animalIdCount>
	<laboratory>{0,unbounded}</laboratory>
	<labaratoryId>{0,unbounded}</labaratoryId>
	<labRecId>{0,unbounded}</labRecId>
	<reportId>{0,unbounded}</reportId>
	<laboratoryabbreviation>{0,1}</laboratoryabbreviation>
	<laboratoryCount>{1,1}</laboratoryCount>
	<RecGenOthers>{0,1}</RecGenOthers>
	<HealthMAPId>{0,1}</HealthMAPId>
	</recordIdentifier>
	``

Source	```xml
	<element name="recordIdentifier">
	  <annotation>
	    <documentation>
	      <dc:description>Record identifier based on a proposed presistent record identifier for
	 HealthMAP</dc:description>
	    </documentation>
	  </annotation>
	  <complexType>
	    <sequence>
	      <element name="recId" type="string" minOccurs="0"/>
	      <element name="organization" type="string" minOccurs="0"/>
	      <element name="localId" type="string" minOccurs="0"/>
	      <element name="animalId" type="string" minOccurs="0"/>
	      <element name="orgId" type="string" minOccurs="0"/>
	      <element name="animalIdCount">
	        <simpleType>
	          <restriction base="integer">
	            <minInclusive value="0"/>
	            <maxInclusive value="999"/>
	          </restriction>
	        </simpleType>
	      </element>
	      <element name="laboratory" type="string" minOccurs="0" maxOccurs="unbounded"/>
	      <element name="labaratoryId" type="string" minOccurs="0" maxOccurs="unbounded"/>
	      <element name="labRecId" type="string" minOccurs="0" maxOccurs="unbounded"/>
	      <element name="reportId" type="string" minOccurs="0" maxOccurs="unbounded"/>
	      <element name="laboratoryabbreviation" type="string" minOccurs="0"/>
	      <element name="laboratoryCount">
	        <simpleType>
	          <restriction base="integer">
	            <minInclusive value="0"/>
	            <maxInclusive value="999"/>
	          </restriction>
	        </simpleType>
	      </element>
	      <element name="RecGenOthers" type="string" minOccurs="0"/>
	      <element name="HealthMAPId" type="string" minOccurs="0"/>
	    </sequence>
	  </complexType>
	</element>
	``

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `recordIdentifier / recId`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	string
Properties	content: simple minOccurs: 0
Source	`<element name="recId" type="string" minOccurs="0"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `recordIdentifier / organization`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0

Diagram	
	organization Type string — string Built-in primitive type. The string datatype represents character strings in XML.
Type	string
Properties	content: simple
	minOccurs: 0
Source	`<element name="organization" type="string" minOccurs="0"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element recordIdentifier / localId

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	localId Type string — string Built-in primitive type. The string datatype represents character strings in XML.
Type	string
Properties	content: simple
	minOccurs: 0
Source	`<element name="localId" type="string" minOccurs="0"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element recordIdentifier / animalId

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	animalId Type string — string Built-in primitive type. The string datatype represents character strings in XML.
Type	string
Properties	content: simple
	minOccurs: 0
Source	`<element name="animalId" type="string" minOccurs="0"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element recordIdentifier / orgId

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	orgId Type string — string Built-in primitive type. The string datatype represents character strings in XML.
Type	string
Properties	content: simple
	minOccurs: 0
Source	`<element name="orgId" type="string" minOccurs="0"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element recordIdentifier / animalIdCount

Namespace	http://data.gcoos.org/mmhmap/xml/1.0

Diagram	
Type	restriction of integer
Properties	content: simple
Facets	maxInclusive 999
	minInclusive 0

Source	```<element name="animalIdCount">```
	``` <simpleType>```
	``` <restriction base="integer">```
	``` <minInclusive value="0"/>```
	``` <maxInclusive value="999"/>```
	``` </restriction>```
	``` </simpleType>```
	```</element>```

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element recordIdentifier / laboratory

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	string
Properties	content: simple
	minOccurs: 0
	maxOccurs: unbounded
Source	```<element name="laboratory" type="string" minOccurs="0" maxOccurs="unbounded"/>```
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element recordIdentifier / labaratoryId

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	string
Properties	content: simple
	minOccurs: 0
	maxOccurs: unbounded
Source	```<element name="labaratoryId" type="string" minOccurs="0" maxOccurs="unbounded"/>```
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element recordIdentifier / labRecId

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	string

Properties		
	content:	simple
	minOccurs:	0
	maxOccurs:	unbounded
Source	`<element name="labRecId" type="string" minOccurs="0" maxOccurs="unbounded"/>`	
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd	

Element `recordIdentifier / reportId`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0	
Diagram	reportId — Type string — string — Built-in primitive type. The string datatype represents character strings in XML.	
Type	string	
Properties		
	content:	simple
	minOccurs:	0
	maxOccurs:	unbounded
Source	`<element name="reportId" type="string" minOccurs="0" maxOccurs="unbounded"/>`	
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd	

Element `recordIdentifier / laboratoryabbreviation`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0	
Diagram	laboratoryabbreviation — Type string — string — Built-in primitive type. The string datatype represents character strings in XML.	
Type	string	
Properties		
	content:	simple
	minOccurs:	0
Source	`<element name="laboratoryabbreviation" type="string" minOccurs="0"/>`	
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd	

Element `recordIdentifier / laboratoryCount`

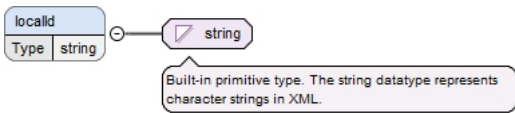| Namespace	http://data.gcoos.org/mmhmap/xml/1.0	
Diagram	laboratoryCount — Type Restriction of 'integer' — restricts: integer	
Type	restriction of integer	
Properties		
	content:	simple
Facets		
	maxInclusive	999
	minInclusive	0

Source	`<element name="laboratoryCount">`
	`  <simpleType>`
	`    <restriction base="integer">`
	`      <minInclusive value="0"/>`
	`      <maxInclusive value="999"/>`
	`    </restriction>`
	`  </simpleType>`
	`</element>`	

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd	

Element `recordIdentifier / RecGenOthers`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	string
Properties	content: simple minOccurs: 0
Source	`<element name="RecGenOthers" type="string" minOccurs="0"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `recordIdentifier / HealthMAPId`

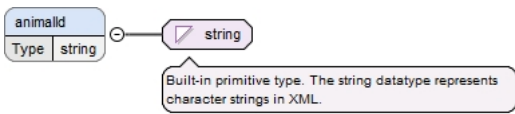|	
Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	string
Properties	content: simple minOccurs: 0
Source	`<element name="HealthMAPId" type="string" minOccurs="0"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalInfo`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Annotations	
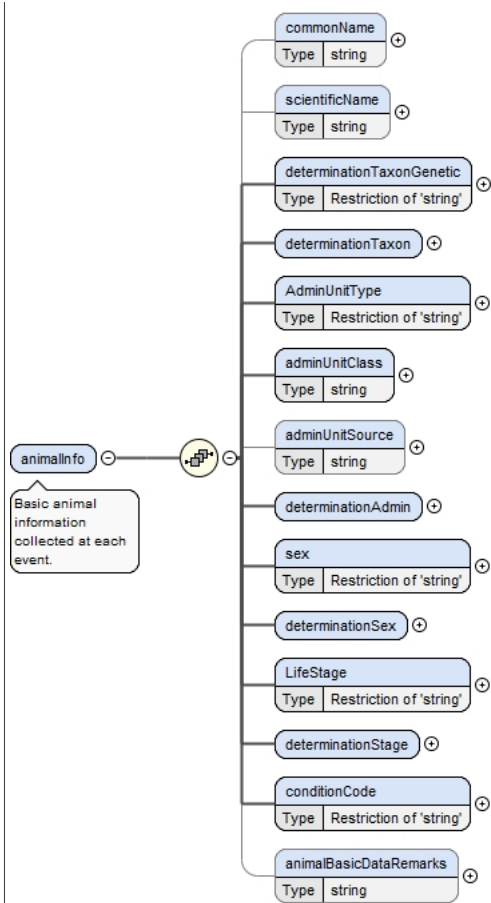
Diagram	
Properties	content: complex
Model	commonName{0,1} , scientificName{0,1} , determinationTaxonGenetic , determinationTaxon , AdminUnitType , adminUnitClass , adminUnitSource{0,1} , determinationAdmin , sex , determinationSex , LifeStage , determinationStage , conditionCode , animalBasicDataRemarks{0,1}
Children	AdminUnitType, LifeStage, adminUnitClass, adminUnitSource, animalBasicDataRemarks, commonName, conditionCode, determinationAdmin, determinationSex, determinationStage, determinationTaxon, determinationTaxonGenetic, scientificName, sex
| Instance | ```xml
<animalInfo xmlns="http://data.gcoos.org/mmhmap/xml/1.0">
  <commonName>{0,1}</commonName>
  <scientificName>{0,1}</scientificName>
  <determinationTaxonGenetic>{1,1}</determinationTaxonGenetic>
  <determinationTaxon>{1,1}</determinationTaxon>
  <AdminUnitType>{1,1}</AdminUnitType>
  <adminUnitClass>{1,1}</adminUnitClass>
  <adminUnitSource>{0,1}</adminUnitSource>
  <determinationAdmin>{1,1}</determinationAdmin>
  <sex>{1,1}</sex>
  <determinationSex>{1,1}</determinationSex>
  <LifeStage>{1,1}</LifeStage>
  <determinationStage>{1,1}</determinationStage>
  <conditionCode>{1,1}</conditionCode>
  <animalBasicDataRemarks>{0,1}</animalBasicDataRemarks>
</animalInfo>
``` |
| Source | ```xml
<element name="animalInfo">
  <annotation>
    <documentation>
      <dc:description>Basic animal information collected at each event.</dc:description>
    </documentation>
  </annotation>
  <complexType>
    <sequence>
      <element name="commonName" type="string" minOccurs="0"/>
      <element name="scientificName" type="string" minOccurs="0"/>
      <element name="determinationTaxonGenetic">
        <simpleType>
          <restriction base="string">
            <pattern value="true|false"/>
          </restriction>
        </simpleType>
``` |

```xml
        </element>
        <element name="determinationTaxon">
          <complexType>
            <sequence>
              <element name="determinationTaxonExtMorphology">
                <simpleType>
                  <restriction base="string">
                    <pattern value="true|false"/>
                  </restriction>
                </simpleType>
              </element>
              <element name="determinationTaxonLocation">
                <simpleType>
                  <restriction base="string">
                    <pattern value="true|false"/>
                  </restriction>
                </simpleType>
              </element>
              <element name="determinationTaxonExtMorphRemote">
                <simpleType>
                  <restriction base="string">
                    <pattern value="true|false"/>
                  </restriction>
                </simpleType>
              </element>
              <element name="determinationTaxonAnalyticalTechnique">
                <simpleType>
                  <restriction base="string">
                    <pattern value="true|false"/>
                  </restriction>
                </simpleType>
              </element>
              <element name="determinationTaxonOthers">
                <simpleType>
                  <restriction base="string">
                    <pattern value="true|false"/>
                  </restriction>
                </simpleType>
              </element>
              <element name="determinationTaxonRemarks" type="string" minOccurs="0"/>
            </sequence>
          </complexType>
        </element>
        <element name="AdminUnitType">
          <simpleType>
            <restriction base="string">
              <pattern value="ecoType|distinct population|stock|others"/>
            </restriction>
          </simpleType>
        </element>
        <element name="adminUnitClass" type="string"/>
        <element name="adminUnitSource" type="string" minOccurs="0"/>
        <element name="determinationAdmin">
          <complexType>
            <sequence>
              <element name="determinationAdminGenetics">
                <simpleType>
                  <restriction base="string">
                    <pattern value="true|false"/>
                  </restriction>
                </simpleType>
              </element>
              <element name="determinationAdminLocation">
                <simpleType>
                  <restriction base="string">
                    <pattern value="true|false"/>
                  </restriction>
                </simpleType>
              </element>
              <element name="determinationAdminExtMorp">
                <simpleType>
                  <restriction base="string">
                    <pattern value="true|false"/>
                  </restriction>
                </simpleType>
              </element>
              <element name="determinationAdminExtMorpRemote">
                <simpleType>
                  <restriction base="string">
                    <pattern value="true|false"/>
                  </restriction>
                </simpleType>
              </element>
```
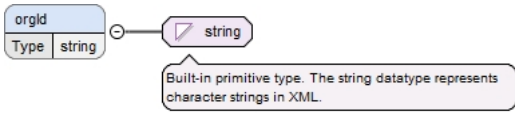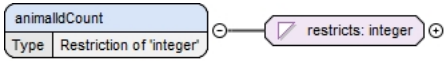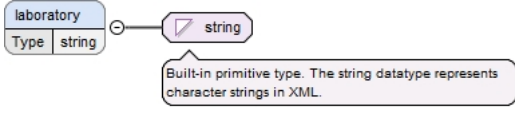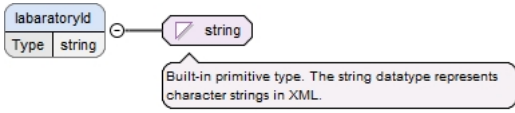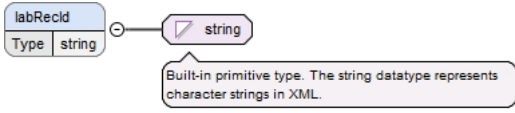
```xml
          <element name="determinationAdminOthers">
            <simpleType>
              <restriction base="string">
                <pattern value="true|false"/>
              </restriction>
            </simpleType>
          </element>
          <element name="determinationAdminRemarks" type="string" minOccurs="0"/>
        </sequence>
      </complexType>
    </element>
    <element name="sex">
      <simpleType>
        <restriction base="string">
          <pattern value="male|female|hermaphrodite|unknown"/>
        </restriction>
      </simpleType>
    </element>
    <element name="determinationSex">
      <complexType>
        <sequence>
          <element name="determinationSexGenetics">
            <simpleType>
              <restriction base="string">
                <pattern value="true|false"/>
              </restriction>
            </simpleType>
          </element>
          <element name="determinationSexInternalGrossExam">
            <simpleType>
              <restriction base="string">
                <pattern value="true|false"/>
              </restriction>
            </simpleType>
          </element>
          <element name="determinationSexProbeExam">
            <simpleType>
              <restriction base="string">
                <pattern value="true|false"/>
              </restriction>
            </simpleType>
          </element>
          <element name="determinationSexExtMorp">
            <simpleType>
              <restriction base="string">
                <pattern value="true|false"/>
              </restriction>
            </simpleType>
          </element>
          <element name="determinationSexExtMorpRemote">
            <simpleType>
              <restriction base="string">
                <pattern value="true|false"/>
              </restriction>
            </simpleType>
          </element>
          <element name="determinationSexHormoneTest">
            <simpleType>
              <restriction base="string">
                <pattern value="true|false"/>
              </restriction>
            </simpleType>
          </element>
          <element name="determinationSexAssocOffspring">
            <simpleType>
              <restriction base="string">
                <pattern value="true|false"/>
              </restriction>
            </simpleType>
          </element>
          <element name="determinationSexUltrasound">
            <simpleType>
              <restriction base="string">
                <pattern value="true|false"/>
              </restriction>
            </simpleType>
          </element>
          <element name="determinationSexOthers">
            <simpleType>
              <restriction base="string">
                <pattern value="true|false"/>
              </restriction>
            </simpleType>
```

```xml
                    </element>
                    <element name="determinationSexRemarks" type="string" minOccurs="0"/>
                  </sequence>
                </complexType>
              </element>
              <element name="LifeStage">
                <simpleType>
                  <restriction base="string">
                    <pattern value="sexually mature|sexually immature|unknown"/>
                  </restriction>
                </simpleType>
              </element>
              <element name="determinationStage">
                <complexType>
                  <sequence>
                    <element name="determinationStageAge">
                      <simpleType>
                        <restriction base="string">
                          <pattern value="true|false"/>
                        </restriction>
                      </simpleType>
                    </element>
                    <element name="determinationStageAssocOffspring">
                      <simpleType>
                        <restriction base="string">
                          <pattern value="true|false"/>
                        </restriction>
                      </simpleType>
                    </element>
                    <element name="determinationStageExtMorp">
                      <simpleType>
                        <restriction base="string">
                          <pattern value="true|false"/>
                        </restriction>
                      </simpleType>
                    </element>
                    <element name="determinationStageExtMorpRemote">
                      <simpleType>
                        <restriction base="string">
                          <pattern value="true|false"/>
                        </restriction>
                      </simpleType>
                    </element>
                    <element name="determinationStageInteralGrossExam">
                      <simpleType>
                        <restriction base="string">
                          <pattern value="true|false"/>
                        </restriction>
                      </simpleType>
                    </element>
                    <element name="determinationStageUltrasound">
                      <simpleType>
                        <restriction base="string">
                          <pattern value="true|false"/>
                        </restriction>
                      </simpleType>
                    </element>
                    <element name="determinationStageOthers">
                      <simpleType>
                        <restriction base="string">
                          <pattern value="true|false"/>
                        </restriction>
                      </simpleType>
                    </element>
                    <element name="determinationStageRemarks" type="string" minOccurs="0"/>
                  </sequence>
                </complexType>
              </element>
              <element name="conditionCode">
                <simpleType>
                  <restriction base="string">
                    <pattern value="alive||fresh dead|moderate decomposition|advanced decomposition|
mummified/skeletal|dead, condition unknown"/>
                  </restriction>
                </simpleType>
              </element>
              <element name="animalBasicDataRemarks" type="string" minOccurs="0"/>
            </sequence>
          </complexType>
        </element>
```

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalInfo / commonName`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	 commonName Type string string Built-in primitive type. The string datatype represents character strings in XML.
Type	string
Properties	content: simple minOccurs: 0
Source	`<element name="commonName" type="string" minOccurs="0"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalInfo / scientificName`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	 scientificName Type string string Built-in primitive type. The string datatype represents character strings in XML.
Type	string
Properties	content: simple minOccurs: 0
Source	`<element name="scientificName" type="string" minOccurs="0"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalInfo / determinationTaxonGenetic`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	 determinationTaxonGenetic Type Restriction of 'string' restricts: string
Type	restriction of string
Properties	content: simple
Facets	pattern true|false

Source	`<element name="determinationTaxonGenetic">`
	  `<simpleType>`
	    `<restriction base="string">`
	      `<pattern value="true|false"/>`
	    `</restriction>`
	  `</simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalInfo / determinationTaxon`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0

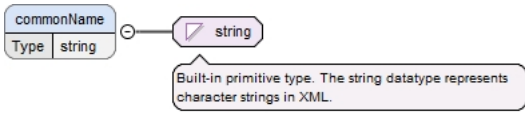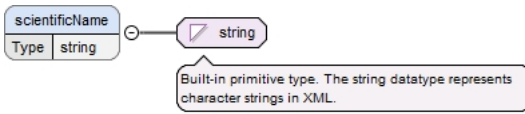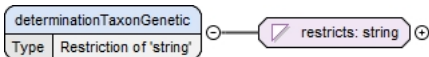|	
Diagram	
Properties	content: complex
Model	determinationTaxonExtMorphology , determinationTaxonLocation , determinationTaxonExtMorphRemote , determinationTaxonAnalyticalTechnique , determinationTaxonOthers , determinationTaxonRemarks{0,1}
Children	determinationTaxonAnalyticalTechnique, determinationTaxonExtMorphRemote, determinationTaxonExtMorphology, determinationTaxonLocation, determinationTaxonOthers, determinationTaxonRemarks

Instance	```xml
	<determinationTaxon xmlns="http://data.gcoos.org/mmhmap/xml/1.0">
	  <determinationTaxonExtMorphology>{1,1}</determinationTaxonExtMorphology>
	  <determinationTaxonLocation>{1,1}</determinationTaxonLocation>
	  <determinationTaxonExtMorphRemote>{1,1}</determinationTaxonExtMorphRemote>
	  <determinationTaxonAnalyticalTechnique>{1,1}</determinationTaxonAnalyticalTechnique>
	  <determinationTaxonOthers>{1,1}</determinationTaxonOthers>
	  <determinationTaxonRemarks>{0,1}</determinationTaxonRemarks>
	</determinationTaxon>
	``

Source	```xml
	<element name="determinationTaxon">
	  <complexType>
	    <sequence>
	      <element name="determinationTaxonExtMorphology">
	        <simpleType>
	          <restriction base="string">
	            <pattern value="true|false"/>
	          </restriction>
	        </simpleType>
	      </element>
	      <element name="determinationTaxonLocation">
	        <simpleType>
	          <restriction base="string">
	            <pattern value="true|false"/>
	          </restriction>
	        </simpleType>
	      </element>
	      <element name="determinationTaxonExtMorphRemote">
	        <simpleType>
	          <restriction base="string">
	            <pattern value="true|false"/>
	          </restriction>
	        </simpleType>
	      </element>
	      <element name="determinationTaxonAnalyticalTechnique">
	        <simpleType>
	          <restriction base="string">
	            <pattern value="true|false"/>
	          </restriction>
	        </simpleType>
	      </element>
	      <element name="determinationTaxonOthers">
	        <simpleType>
	          <restriction base="string">
	            <pattern value="true|false"/>
	          </restriction>
	        </simpleType>
	      </element>
	      <element name="determinationTaxonRemarks" type="string" minOccurs="0"/>
	    </sequence>
	  </complexType>
	</element>
	``

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalInfo / determinationTaxon / determinationTaxonExtMorphology`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	determinationTaxonExtMorphology / Type Restriction of 'string' ⊖ restricts: string ⊕
Type	restriction of string
Properties	content: simple
Facets	pattern true|false

Source	`<element name="determinationTaxonExtMorphology">`
	`  <simpleType>`
	`    <restriction base="string">`
	`      <pattern value="true|false"/>`
	`    </restriction>`
	`  </simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalInfo / determinationTaxon / determinationTaxonLocation`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	determinationTaxonLocation / Type Restriction of 'string' ⊖ restricts: string ⊕
Type	restriction of string
Properties	content: simple
Facets	pattern true|false

Source	`<element name="determinationTaxonLocation">`
	`  <simpleType>`
	`    <restriction base="string">`
	`      <pattern value="true|false"/>`
	`    </restriction>`
	`  </simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalInfo / determinationTaxon / determinationTaxonExtMorphRemote`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	determinationTaxonExtMorphRemote / Type Restriction of 'string' ⊖ restricts: string ⊕
Type	restriction of string
Properties	content: simple
Facets	pattern true|false

Source	`<element name="determinationTaxonExtMorphRemote">`
	`  <simpleType>`
	`    <restriction base="string">`
	`      <pattern value="true|false"/>`
	`    </restriction>`
	`  </simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalInfo / determinationTaxon / determinationTaxonAnalyticalTechnique`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	determinationTaxonAnalyticalTechnique / Type Restriction of 'string' ⊖ restricts: string ⊕

Type	restriction of string
Properties	content: simple
Facets	pattern true|false

Source	`<element name="determinationTaxonAnalyticalTechnique">`
	  `<simpleType>`
	    `<restriction base="string">`
	      `<pattern value="true|false"/>`
	    `</restriction>`
	  `</simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd
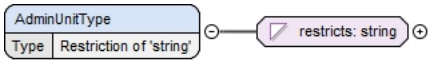
Element `animalInfo` / `determinationTaxon` / `determinationTaxonOthers`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	restriction of string
Properties	content: simple
Facets	pattern true|false

Source	`<element name="determinationTaxonOthers">`
	  `<simpleType>`
	    `<restriction base="string">`
	      `<pattern value="true|false"/>`
	    `</restriction>`
	  `</simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalInfo` / `determinationTaxon` / `determinationTaxonRemarks`

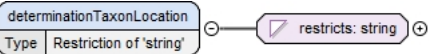| Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	string
Properties	content: simple minOccurs: 0
Source	`<element name="determinationTaxonRemarks" type="string" minOccurs="0"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalInfo` / `AdminUnitType`
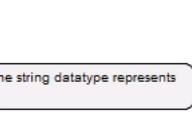
Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	restriction of string
Properties	content: simple
Facets	pattern ecoType|distinct population|stock|others

Source	`<element name="AdminUnitType">`
	  `<simpleType>`
	    `<restriction base="string">`

```
        <pattern value="ecoType|distinct population|stock|others"/>
      </restriction>
    </simpleType>
</element>
```

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd
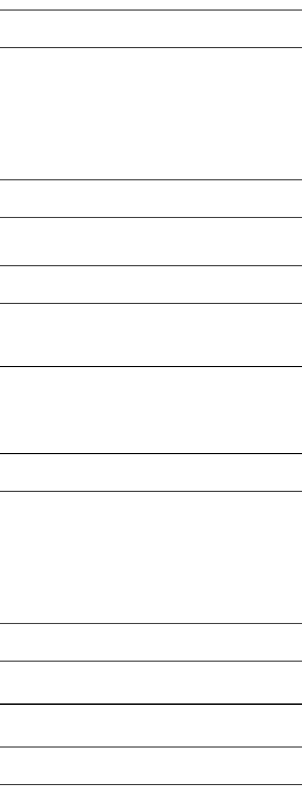
Element `animalInfo / adminUnitClass`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	string
Properties	content: simple
Source	`<element name="adminUnitClass" type="string"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalInfo / adminUnitSource`

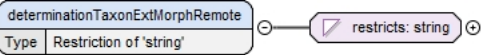| Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	string
Properties	content: simple minOccurs: 0
Source	`<element name="adminUnitSource" type="string" minOccurs="0"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalInfo / determinationAdmin`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Properties	content: complex
Model	determinationAdminGenetics , determinationAdminLocation , determinationAdminExtMorp , determinationAdminExtMorpRemote , determinationAdminOthers , determinationAdminRemarks{0,1}
Children	determinationAdminExtMorp, determinationAdminExtMorpRemote, determinationAdminGenetics, determinationAdminLocation, determinationAdminOthers, determinationAdminRemarks
Instance	`<determinationAdmin xmlns="http://data.gcoos.org/mmhmap/xml/1.0">`

```
        <determinationAdminGenetics>{1,1}</determinationAdminGenetics>
        <determinationAdminLocation>{1,1}</determinationAdminLocation>
        <determinationAdminExtMorp>{1,1}</determinationAdminExtMorp>
        <determinationAdminExtMorpRemote>{1,1}</determinationAdminExtMorpRemote>
        <determinationAdminOthers>{1,1}</determinationAdminOthers>
        <determinationAdminRemarks>{0,1}</determinationAdminRemarks>
    </determinationAdmin>
```

Source	```<element name="determinationAdmin">` ` <complexType>` ` <sequence>` ` <element name="determinationAdminGenetics">` ` <simpleType>` ` <restriction base="string">` ` <pattern value="true|false"/>` ` </restriction>` ` </simpleType>` ` </element>` ` <element name="determinationAdminLocation">` ` <simpleType>` ` <restriction base="string">` ` <pattern value="true|false"/>` ` </restriction>` ` </simpleType>` ` </element>` ` <element name="determinationAdminExtMorp">` ` <simpleType>` ` <restriction base="string">` ` <pattern value="true|false"/>` ` </restriction>` ` </simpleType>` ` </element>` ` <element name="determinationAdminExtMorpRemote">` ` <simpleType>` ` <restriction base="string">` ` <pattern value="true|false"/>` ` </restriction>` ` </simpleType>` ` </element>` ` <element name="determinationAdminOthers">` ` <simpleType>` ` <restriction base="string">` ` <pattern value="true|false"/>` ` </restriction>` ` </simpleType>` ` </element>` ` <element name="determinationAdminRemarks" type="string" minOccurs="0"/>` ` </sequence>` ` </complexType>` `</element>```
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalInfo / determinationAdmin / determinationAdminGenetics`

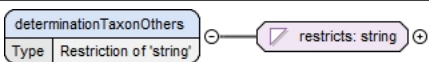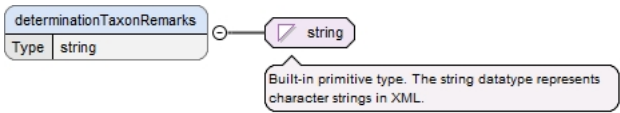|	
Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	restriction of string
Properties	content: simple
Facets	pattern true|false
Source	```<element name="determinationAdminGenetics">` ` <simpleType>` ` <restriction base="string">` ` <pattern value="true|false"/>` ` </restriction>` ` </simpleType>` `</element>```
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalInfo / determinationAdmin / determinationAdminLocation`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0

Diagram	
Type	restriction of string
Properties	content: simple
Facets	pattern true|false

Source	```<element name="determinationAdminLocation">```
	  ```<simpleType>```
	    ```<restriction base="string">```
	      ```<pattern value="true|false"/>```
	    ```</restriction>```
	  ```</simpleType>```
	```</element>```

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

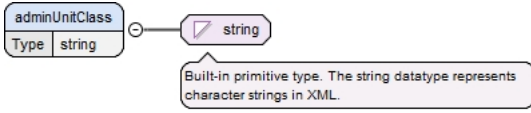## Element `animalInfo / determinationAdmin / determinationAdminExtMorp`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	restriction of string
Properties	content: simple
Facets	pattern true|false

Source	```<element name="determinationAdminExtMorp">```
	  ```<simpleType>```
	    ```<restriction base="string">```
	      ```<pattern value="true|false"/>```
	    ```</restriction>```
	  ```</simpleType>```
	```</element>```

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalInfo / determinationAdmin / determinationAdminExtMorpRemote`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	restriction of string
Properties	content: simple
Facets	pattern true|false

Source	```<element name="determinationAdminExtMorpRemote">```
	  ```<simpleType>```
	    ```<restriction base="string">```
	      ```<pattern value="true|false"/>```
	    ```</restriction>```
	  ```</simpleType>```
	```</element>```

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalInfo / determinationAdmin / determinationAdminOthers`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	restriction of string

Properties	content:	simple
Facets	pattern	true|false

Source	<pre><element name="determinationAdminOthers">
	  <simpleType>
	    <restriction base="string">
	      <pattern value="true|false"/>
	    </restriction>
	  </simpleType>
	</element></pre>	

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd	

Element `animalInfo / determinationAdmin / determinationAdminRemarks`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0	
Diagram		
Type	string	
Properties	content:	simple
	minOccurs:	0
Source	<element name="determinationAdminRemarks" type="string" minOccurs="0"/>	
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd	

Element `animalInfo / sex`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0	
Diagram		
Type	restriction of string	
Properties	content:	simple
Facets	pattern	male|female| hermaphrodite|unknown

Source	<pre><element name="sex">
	  <simpleType>
	    <restriction base="string">
	      <pattern value="male|female|hermaphrodite|unknown"/>
	    </restriction>
	  </simpleType>
	</element></pre>	

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd	

Element `animalInfo / determinationSex`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
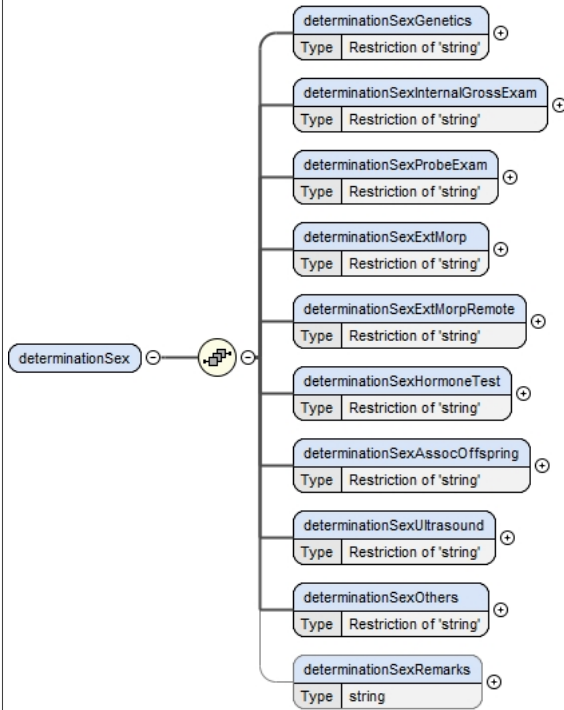
Diagram	
Properties	content: complex
Model	determinationSexGenetics , determinationSexInternalGrossExam , determinationSexProbeExam , determinationSexExtMorp , determinationSexExtMorpRemote , determinationSexHormoneTest , determinationSexAssocOffspring , determinationSexUltrasound , determinationSexOthers , determinationSexRemarks{0,1}
Children	determinationSexAssocOffspring, determinationSexExtMorp, determinationSexExtMorpRemote, determinationSexGenetics, determinationSexHormoneTest, determinationSexInternalGrossExam, determinationSexOthers, determinationSexProbeExam, determinationSexRemarks, determinationSexUltrasound
| Instance | ```xml
<determinationSex xmlns="http://data.gcoos.org/mmhmap/xml/1.0">
  <determinationSexGenetics>{1,1}</determinationSexGenetics>
  <determinationSexInternalGrossExam>{1,1}</determinationSexInternalGrossExam>
  <determinationSexProbeExam>{1,1}</determinationSexProbeExam>
  <determinationSexExtMorp>{1,1}</determinationSexExtMorp>
  <determinationSexExtMorpRemote>{1,1}</determinationSexExtMorpRemote>
  <determinationSexHormoneTest>{1,1}</determinationSexHormoneTest>
  <determinationSexAssocOffspring>{1,1}</determinationSexAssocOffspring>
  <determinationSexUltrasound>{1,1}</determinationSexUltrasound>
  <determinationSexOthers>{1,1}</determinationSexOthers>
  <determinationSexRemarks>{0,1}</determinationSexRemarks>
</determinationSex>
``` |
| Source | ```xml
<element name="determinationSex">
  <complexType>
    <sequence>
      <element name="determinationSexGenetics">
        <simpleType>
          <restriction base="string">
            <pattern value="true|false"/>
          </restriction>
        </simpleType>
      </element>
      <element name="determinationSexInternalGrossExam">
        <simpleType>
          <restriction base="string">
            <pattern value="true|false"/>
          </restriction>
        </simpleType>
      </element>
      <element name="determinationSexProbeExam">
        <simpleType>
          <restriction base="string">
            <pattern value="true|false"/>
          </restriction>
        </simpleType>
      </element>
      <element name="determinationSexExtMorp">
        <simpleType>
          <restriction base="string">
``` |
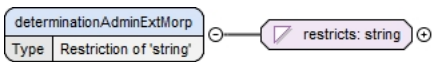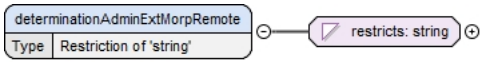
```
                    <pattern value="true|false"/>
                  </restriction>
                </simpleType>
              </element>
              <element name="determinationSexExtMorpRemote">
                <simpleType>
                  <restriction base="string">
                    <pattern value="true|false"/>
                  </restriction>
                </simpleType>
              </element>
              <element name="determinationSexHormoneTest">
                <simpleType>
                  <restriction base="string">
                    <pattern value="true|false"/>
                  </restriction>
                </simpleType>
              </element>
              <element name="determinationSexAssocOffspring">
                <simpleType>
                  <restriction base="string">
                    <pattern value="true|false"/>
                  </restriction>
                </simpleType>
              </element>
              <element name="determinationSexUltrasound">
                <simpleType>
                  <restriction base="string">
                    <pattern value="true|false"/>
                  </restriction>
                </simpleType>
              </element>
              <element name="determinationSexOthers">
                <simpleType>
                  <restriction base="string">
                    <pattern value="true|false"/>
                  </restriction>
                </simpleType>
              </element>
              <element name="determinationSexRemarks" type="string" minOccurs="0"/>
            </sequence>
          </complexType>
        </element>
```
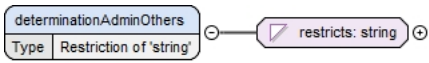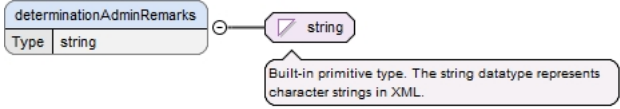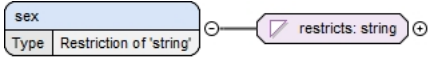
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalInfo / determinationSex / determinationSexGenetics`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	restriction of string
Properties	content: simple
Facets	pattern true|false

Source	`<element name="determinationSexGenetics">`
	`  <simpleType>`
	`    <restriction base="string">`
	`      <pattern value="true|false"/>`
	`    </restriction>`
	`  </simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalInfo / determinationSex / determinationSexInternalGrossExam`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	restriction of string

Properties	content:	simple
Facets	pattern	true|false
| Source | ```xml
<element name="determinationSexInternalGrossExam">
  <simpleType>
    <restriction base="string">
      <pattern value="true\|false"/>
    </restriction>
  </simpleType>
</element>
``` | |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd | |

Element animalInfo / determinationSex / determinationSexProbeExam

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	determinationSexProbeExam / Type / Restriction of 'string' — restricts: string
Type	restriction of string
Properties	content: simple
Facets	pattern true|false
| Source | ```xml
<element name="determinationSexProbeExam">
  <simpleType>
    <restriction base="string">
      <pattern value="true\|false"/>
    </restriction>
  </simpleType>
</element>
``` |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd |

Element animalInfo / determinationSex / determinationSexExtMorp

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	determinationSexExtMorp / Type / Restriction of 'string' — restricts: string
Type	restriction of string
Properties	content: simple
Facets	pattern true|false
| Source | ```xml
<element name="determinationSexExtMorp">
  <simpleType>
    <restriction base="string">
      <pattern value="true\|false"/>
    </restriction>
  </simpleType>
</element>
``` |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd |

Element animalInfo / determinationSex / determinationSexExtMorpRemote

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	determinationSexExtMorpRemote / Type / Restriction of 'string' — restricts: string
Type	restriction of string
Properties	content: simple
Facets	pattern true|false
| Source | ```xml
<element name="determinationSexExtMorpRemote">
``` |

```
        <simpleType>
          <restriction base="string">
            <pattern value="true|false"/>
          </restriction>
        </simpleType>
      </element>
```

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalInfo / determinationSex / determinationSexHormoneTest`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	determinationSexHormoneTest Type Restriction of 'string' — restricts: string
Type	restriction of string
Properties	content:　　　　　simple
Facets	pattern　　　　　true|false
Source	```<element name="determinationSexHormoneTest">
<simpleType>
<restriction base="string">
<pattern value="true|false"/>
</restriction>
</simpleType>
</element>```
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalInfo / determinationSex / determinationSexAssocOffspring`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	determinationSexAssocOffspring Type Restriction of 'string' — restricts: string
Type	restriction of string
Properties	content:　　　　　simple
Facets	pattern　　　　　true|false
Source	```<element name="determinationSexAssocOffspring">
<simpleType>
<restriction base="string">
<pattern value="true|false"/>
</restriction>
</simpleType>
</element>```
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

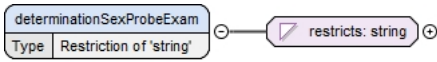## Element `animalInfo / determinationSex / determinationSexUltrasound`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	determinationSexUltrasound Type Restriction of 'string' — restricts: string
Type	restriction of string
Properties	content:　　　　　simple
Facets	pattern　　　　　true|false
Source	```<element name="determinationSexUltrasound">
<simpleType>
<restriction base="string">
<pattern value="true|false"/>
</restriction>
</simpleType>
</element>```

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

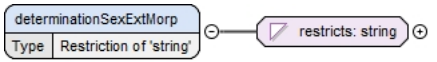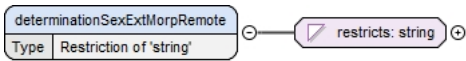## Element `animalInfo / determinationSex / determinationSexOthers`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	determinationSexOthers Type Restriction of 'string' — restricts: string
Type	restriction of string
Properties	content: simple
Facets	pattern true|false

Source	`<element name="determinationSexOthers">`
	`  <simpleType>`
	`    <restriction base="string">`
	`      <pattern value="true|false"/>`
	`    </restriction>`
	`  </simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalInfo / determinationSex / determinationSexRemarks`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	determinationSexRemarks Type string — string Built-in primitive type. The string datatype represents character strings in XML.
Type	string
Properties	content: simple
	minOccurs: 0
Source	`<element name="determinationSexRemarks" type="string" minOccurs="0"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalInfo / LifeStage`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	LifeStage Type Restriction of 'string' — restricts: string
Type	restriction of string
Properties	content: simple
Facets	pattern sexually mature|sexually immature|unknown

Source	`<element name="LifeStage">`
	`  <simpleType>`
	`    <restriction base="string">`
	`      <pattern value="sexually mature|sexually immature|unknown"/>`
	`    </restriction>`
	`  </simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalInfo / determinationStage`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0

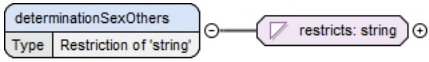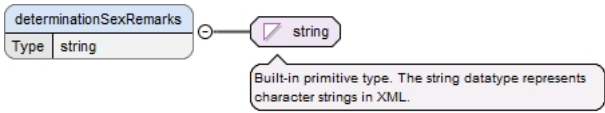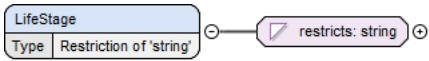| Diagram	
Properties	content: complex
Model	determinationStageAge , determinationStageAssocOffspring , determinationStageExtMorp , determinationStageExtMorpRemote , determinationStageInteralGrossExam , determinationStageUltrasound , determinationStageOthers , determinationStageRemarks{0,1}
Children	determinationStageAge, determinationStageAssocOffspring, determinationStageExtMorp, determinationStageExtMorpRemote, determinationStageInteralGrossExam, determinationStageOthers, determinationStageRemarks, determinationStageUltrasound

Instance	```xml
	<determinationStage xmlns="http://data.gcoos.org/mmhmap/xml/1.0">
	  <determinationStageAge>{1,1}</determinationStageAge>
	  <determinationStageAssocOffspring>{1,1}</determinationStageAssocOffspring>
	  <determinationStageExtMorp>{1,1}</determinationStageExtMorp>
	  <determinationStageExtMorpRemote>{1,1}</determinationStageExtMorpRemote>
	  <determinationStageInteralGrossExam>{1,1}</determinationStageInteralGrossExam>
	  <determinationStageUltrasound>{1,1}</determinationStageUltrasound>
	  <determinationStageOthers>{1,1}</determinationStageOthers>
	  <determinationStageRemarks>{0,1}</determinationStageRemarks>
	</determinationStage>
	``

Source	```xml
	<element name="determinationStage">
	  <complexType>
	    <sequence>
	      <element name="determinationStageAge">
	        <simpleType>
	          <restriction base="string">
	            <pattern value="true|false"/>
	          </restriction>
	        </simpleType>
	      </element>
	      <element name="determinationStageAssocOffspring">
	        <simpleType>
	          <restriction base="string">
	            <pattern value="true|false"/>
	          </restriction>
	        </simpleType>
	      </element>
	      <element name="determinationStageExtMorp">
	        <simpleType>
	          <restriction base="string">
	            <pattern value="true|false"/>
	          </restriction>
	        </simpleType>
	      </element>
	      <element name="determinationStageExtMorpRemote">
	        <simpleType>
	          <restriction base="string">
	            <pattern value="true|false"/>
	          </restriction>
	        </simpleType>
	      </element>
	      <element name="determinationStageInteralGrossExam">
	        <simpleType>
	          <restriction base="string">
	            <pattern value="true|false"/>
	          </restriction>
	``

```
          </simpleType>
        </element>
        <element name="determinationStageUltrasound">
          <simpleType>
            <restriction base="string">
              <pattern value="true|false"/>
            </restriction>
          </simpleType>
        </element>
        <element name="determinationStageOthers">
          <simpleType>
            <restriction base="string">
              <pattern value="true|false"/>
            </restriction>
          </simpleType>
        </element>
        <element name="determinationStageRemarks" type="string" minOccurs="0"/>
      </sequence>
    </complexType>
  </element>
```

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalInfo / determinationStage / determinationStageAge`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	determinationStageAge / Type Restriction of 'string' — restricts: string
Type	restriction of string
Properties	content: simple
Facets	pattern true|false

Source	`<element name="determinationStageAge">`
	`  <simpleType>`
	`    <restriction base="string">`
	`      <pattern value="true|false"/>`
	`    </restriction>`
	`  </simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalInfo / determinationStage / determinationStageAssocOffspring`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	determinationStageAssocOffspring / Type Restriction of 'string' — restricts: string
Type	restriction of string
Properties	content: simple
Facets	pattern true|false

Source	`<element name="determinationStageAssocOffspring">`
	`  <simpleType>`
	`    <restriction base="string">`
	`      <pattern value="true|false"/>`
	`    </restriction>`
	`  </simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalInfo / determinationStage / determinationStageExtMorp`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	determinationStageExtMorp / Type Restriction of 'string' — restricts: string
Type	restriction of string

Properties	content:	simple

Facets	pattern	true|false

Source	`<element name="determinationStageExtMorp">`
	  `<simpleType>`
	    `<restriction base="string">`
	      `<pattern value="true|false"/>`
	    `</restriction>`
	  `</simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element animalInfo / determinationStage / determinationStageExtMorpRemote

Namespace	http://data.gcoos.org/mmhmap/xml/1.0

Diagram	determinationStageExtMorpRemote Type Restriction of 'string' — restricts: string

Type	restriction of string

Properties	content:	simple

Facets	pattern	true|false

Source	`<element name="determinationStageExtMorpRemote">`
	  `<simpleType>`
	    `<restriction base="string">`
	      `<pattern value="true|false"/>`
	    `</restriction>`
	  `</simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

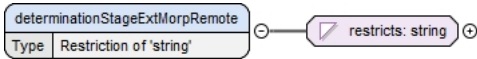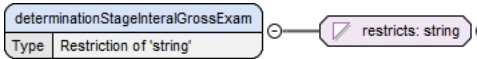## Element animalInfo / determinationStage / determinationStageInteralGrossExam

Namespace	http://data.gcoos.org/mmhmap/xml/1.0

Diagram	determinationStageInteralGrossExam Type Restriction of 'string' — restricts: string

Type	restriction of string

Properties	content:	simple

Facets	pattern	true|false

Source	`<element name="determinationStageInteralGrossExam">`
	  `<simpleType>`
	    `<restriction base="string">`
	      `<pattern value="true|false"/>`
	    `</restriction>`
	  `</simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element animalInfo / determinationStage / determinationStageUltrasound

Namespace	http://data.gcoos.org/mmhmap/xml/1.0

Diagram	determinationStageUltrasound Type Restriction of 'string' — restricts: string

Type	restriction of string

Properties	content:	simple

Facets	pattern	true|false

Source	`<element name="determinationStageUltrasound">`
	  `<simpleType>`
	    `<restriction base="string">`

```
        <pattern value="true|false"/>
      </restriction>
    </simpleType>
  </element>
```

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalInfo / determinationStage / determinationStageOthers`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	determinationStageOthers Type Restriction of 'string' — restricts: string
Type	restriction of string
Properties	content: simple
Facets	pattern true|false

Source	`<element name="determinationStageOthers">`
	`  <simpleType>`
	`    <restriction base="string">`
	`      <pattern value="true|false"/>`
	`    </restriction>`
	`  </simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalInfo / determinationStage / determinationStageRemarks`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	determinationStageRemarks Type string — string. Built-in primitive type. The string datatype represents character strings in XML.
Type	string
Properties	content: simple
	minOccurs: 0
Source	`<element name="determinationStageRemarks" type="string" minOccurs="0"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalInfo / conditionCode`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	conditionCode Type Restriction of 'string' — restricts: string
Type	restriction of string
Properties	content: simple
Facets	pattern alive||fresh dead| moderate decomposition| advanced decomposition| mummified/skeletal|dead, condition unknown

Source	`<element name="conditionCode">`
	`  <simpleType>`
	`    <restriction base="string">`
	`      <pattern value="alive||fresh dead|moderate decomposition|advanced decomposition|mummified/`
	`skeletal|dead, condition unknown"/>`
	`    </restriction>`
	`  </simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalInfo / animalBasicDataRemarks`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	string
Properties	content: simple minOccurs: 0
Source	`<element name="animalBasicDataRemarks" type="string" minOccurs="0"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalMarking`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Annotations	
Diagram	
Properties	content: complex
Model	markId+ , markStatus , markCategory , markType , markPosition , markPlacement , markColor , markCondition , markImage
Children	markCategory, markColor, markCondition, markId, markImage, markPlacement, markPosition, markStatus, markType

Instance	`<animalMarking xmlns="http://data.gcoos.org/mmhmap/xml/1.0">`
	`  <markId>{1,unbounded}</markId>`
	`  <markStatus>{1,1}</markStatus>`
	`  <markCategory>{1,1}</markCategory>`
	`  <markType>{1,1}</markType>`
	`  <markPosition>{1,1}</markPosition>`
	`  <markPlacement>{1,1}</markPlacement>`
	`  <markColor>{1,1}</markColor>`
	`  <markCondition>{1,1}</markCondition>`
	`  <markImage>{1,1}</markImage>`
	`</animalMarking>`

Source	`<element name="animalMarking">`
	`  <annotation>`
	`    <documentation>`
	`      <dc:description>Animal Markings recorded during the event</dc:description>`
	`    </documentation>`
	`  </annotation>`
	`  <complexType>`
	`    <sequence>`
	`      <element name="markId" type="string" minOccurs="1" maxOccurs="unbounded"/>`
	`      <element name="markStatus">`
	`        <simpleType>`

```xml
              <restriction base="string">
                <pattern value="applied|observed|recovered"/>
              </restriction>
            </simpleType>
          </element>
          <element name="markCategory">
            <simpleType>
              <restriction base="string">
                <pattern value="electronic|applied static|natural"/>
              </restriction>
            </simpleType>
          </element>
          <element name="markType">
            <simpleType>
              <restriction base="string">
                <pattern value="colored tag/mark|bleach/pigmentation|nick/notch|scar|archival tag|
cellphone tag|passive tag|radio tag|satellite tag|brand|shaved|tatoo"/>
              </restriction>
            </simpleType>
          </element>
          <element name="markPosition">
            <simpleType>
              <restriction base="string">
                <pattern value="dorsal|left|right|ventral"/>
              </restriction>
            </simpleType>
          </element>
          <element name="markPlacement">
            <simpleType>
              <restriction base="string">
                <pattern value="anterioir body|dorsal fin|ear|fore-flipper/pectoral fin|head|internal|
mid-body|posterior body|rear-flipper/fluke|tusk"/>
              </restriction>
            </simpleType>
          </element>
          <element name="markColor" type="string"/>
          <element name="markCondition">
            <complexType>
              <sequence>
                <element name="antennaMissing">
                  <simpleType>
                    <restriction base="string">
                      <pattern value="true|false"/>
                    </restriction>
                  </simpleType>
                </element>
                <element name="BiofoulingLowGrowth">
                  <simpleType>
                    <restriction base="string">
                      <pattern value="true|false"/>
                    </restriction>
                  </simpleType>
                </element>
                <element name="biofoulingModGrowth">
                  <simpleType>
                    <restriction base="string">
                      <pattern value="true|false"/>
                    </restriction>
                  </simpleType>
                </element>
                <element name="biofoulingHighGrowth">
                  <simpleType>
                    <restriction base="string">
                      <pattern value="true|false"/>
                    </restriction>
                  </simpleType>
                </element>
                <element name="broken">
                  <simpleType>
                    <restriction base="string">
                      <pattern value="true|false"/>
                    </restriction>
                  </simpleType>
                </element>
                <element name="faded">
                  <simpleType>
                    <restriction base="string">
                      <pattern value="true|false"/>
                    </restriction>
                  </simpleType>
                </element>
                <element name="lostHole">
                  <simpleType>
```

```xml
                              <restriction base="string">
                                <pattern value="true|false"/>
                              </restriction>
                            </simpleType>
                          </element>
                          <element name="lostNotch">
                            <simpleType>
                              <restriction base="string">
                                <pattern value="true|false"/>
                              </restriction>
                            </simpleType>
                          </element>
                          <element name="notApplicable">
                            <simpleType>
                              <restriction base="string">
                                <pattern value="true|false"/>
                              </restriction>
                            </simpleType>
                          </element>
                          <element name="readable">
                            <simpleType>
                              <restriction base="string">
                                <pattern value="true|false"/>
                              </restriction>
                            </simpleType>
                          </element>
                          <element name="unreadable">
                            <simpleType>
                              <restriction base="string">
                                <pattern value="true|false"/>
                              </restriction>
                            </simpleType>
                          </element>
                        </sequence>
                      </complexType>
                    </element>
                    <element name="markImage" type="anyURI"/>
                  </sequence>
                </complexType>
              </element>
```

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalMarking / markId`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	markId — Type string — string — Built-in primitive type. The string datatype represents character strings in XML.
Type	string
Properties	content: simple minOccurs: 1 maxOccurs: unbounded
Source	`<element name="markId" type="string" minOccurs="1" maxOccurs="unbounded"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalMarking / markStatus`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	markStatus — Type Restriction of 'string' — restricts: string
Type	restriction of string
Properties	content: simple
Facets	pattern applied|observed|recovered

Source	`<element name="markStatus">`
	  `<simpleType>`
	    `<restriction base="string">`
	      `<pattern value="applied|observed|recovered"/>`
	    `</restriction>`
	  `</simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalMarking / markCategory`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	restriction of string
Properties	content: simple
Facets	pattern electronic|applied static|natural

Source	`<element name="markCategory">`
	  `<simpleType>`
	    `<restriction base="string">`
	      `<pattern value="electronic|applied static|natural"/>`
	    `</restriction>`
	  `</simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalMarking / markType`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	restriction of string
Properties	content: simple

Facets	pattern colored tag/mark|bleach/
	             pigmentation|nick/
	             notch|scar|archival tag|
	             cellphone tag|passive
	             tag|radio tag|satellite
	             tag|brand|shaved|tatoo

Source	`<element name="markType">`
	  `<simpleType>`
	    `<restriction base="string">`
	      `<pattern value="colored tag/mark|bleach/pigmentation|nick/notch|scar|archival tag|cellphone`
	`tag|passive tag|radio tag|satellite tag|brand|shaved|tatoo"/>`
	    `</restriction>`
	  `</simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalMarking / markPosition`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	restriction of string
Properties	content: simple

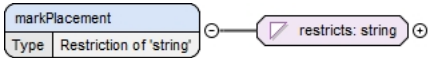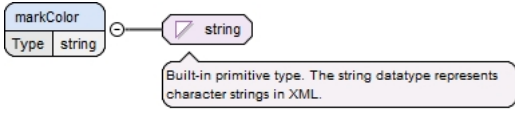| Facets	pattern	dorsal|left|right|ventral
Source	<element name="markPosition"> <simpleType> <restriction base="string"> <pattern value="dorsal|left|right|ventral"/> </restriction> </simpleType> </element>	
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd	

Element `animalMarking / markPlacement`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	restriction of string
Properties	content: simple
Facets	pattern anterioir body|dorsal fin|ear|fore-flipper/ pectoral fin|head| internal|mid-body| posterior body|rear-flipper/fluke|tusk
Source	<element name="markPlacement"> <simpleType> <restriction base="string"> <pattern value="anterioir body|dorsal fin|ear|fore-flipper/pectoral fin|head|internal|mid-body|posterior body|rear-flipper/fluke|tusk"/> </restriction> </simpleType> </element>
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalMarking / markColor`

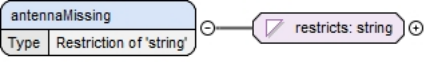| Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	string
Properties	content: simple
Source	<element name="markColor" type="string"/>
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalMarking / markCondition`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0

Diagram	

Properties	content: complex

Model	antennaMissing , BiofoulingLowGrowth , biofoulingModGrowth , biofoulingHighGrowth , broken , faded , lostHole , lostNotch , notApplicable , readable , unreadable

Children	BiofoulingLowGrowth, antennaMissing, biofoulingHighGrowth, biofoulingModGrowth, broken, faded, lostHole, lostNotch, notApplicable, readable, unreadable

Instance	<markCondition xmlns="http://data.gcoos.org/mmhmap/xml/1.0"> <antennaMissing>{1,1}</antennaMissing> <BiofoulingLowGrowth>{1,1}</BiofoulingLowGrowth> <biofoulingModGrowth>{1,1}</biofoulingModGrowth> <biofoulingHighGrowth>{1,1}</biofoulingHighGrowth> <broken>{1,1}</broken> <faded>{1,1}</faded> <lostHole>{1,1}</lostHole> <lostNotch>{1,1}</lostNotch> <notApplicable>{1,1}</notApplicable> <readable>{1,1}</readable> <unreadable>{1,1}</unreadable> </markCondition>

| Source | ```xml
<element name="markCondition">
  <complexType>
    <sequence>
      <element name="antennaMissing">
        <simpleType>
          <restriction base="string">
            <pattern value="true|false"/>
          </restriction>
        </simpleType>
      </element>
      <element name="BiofoulingLowGrowth">
        <simpleType>
          <restriction base="string">
            <pattern value="true|false"/>
          </restriction>
        </simpleType>
      </element>
      <element name="biofoulingModGrowth">
        <simpleType>
          <restriction base="string">
            <pattern value="true|false"/>
          </restriction>
        </simpleType>
      </element>
      <element name="biofoulingHighGrowth">
``` |
|---|---|

```xml
                <simpleType>
                  <restriction base="string">
                    <pattern value="true|false"/>
                  </restriction>
                </simpleType>
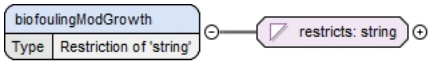              </element>
              <element name="broken">
                <simpleType>
                  <restriction base="string">
                    <pattern value="true|false"/>
                  </restriction>
                </simpleType>
              </element>
              <element name="faded">
                <simpleType>
                  <restriction base="string">
                    <pattern value="true|false"/>
                  </restriction>
                </simpleType>
              </element>
              <element name="lostHole">
                <simpleType>
                  <restriction base="string">
                    <pattern value="true|false"/>
                  </restriction>
                </simpleType>
              </element>
              <element name="lostNotch">
                <simpleType>
                  <restriction base="string">
                    <pattern value="true|false"/>
                  </restriction>
                </simpleType>
              </element>
              <element name="notApplicable">
                <simpleType>
                  <restriction base="string">
                    <pattern value="true|false"/>
                  </restriction>
                </simpleType>
              </element>
              <element name="readable">
                <simpleType>
                  <restriction base="string">
                    <pattern value="true|false"/>
                  </restriction>
                </simpleType>
              </element>
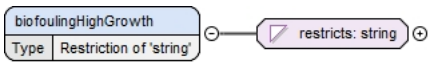              <element name="unreadable">
                <simpleType>
                  <restriction base="string">
                    <pattern value="true|false"/>
                  </restriction>
                </simpleType>
              </element>
            </sequence>
          </complexType>
        </element>
```

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalMarking / markCondition / antennaMissing`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	restriction of string
Properties	content: simple
Facets	pattern true|false

Source	```xml
	<element name="antennaMissing">
	  <simpleType>
	    <restriction base="string">
	      <pattern value="true|false"/>
	    </restriction>
	  </simpleType>
	</element>
	``

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalMarking / markCondition / BiofoulingLowGrowth`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	BiofoulingLowGrowth — Type: Restriction of 'string' — restricts: string
Type	restriction of string
Properties	content: simple
Facets	pattern true|false

Source	```<element name="BiofoulingLowGrowth">```
	``` <simpleType>```
	``` <restriction base="string">```
	``` <pattern value="true|false"/>```
	``` </restriction>```
	``` </simpleType>```
	```</element>```

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalMarking / markCondition / biofoulingModGrowth`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	biofoulingModGrowth — Type: Restriction of 'string' — restricts: string
Type	restriction of string
Properties	content: simple
Facets	pattern true|false

Source	```<element name="biofoulingModGrowth">```
	``` <simpleType>```
	``` <restriction base="string">```
	``` <pattern value="true|false"/>```
	``` </restriction>```
	``` </simpleType>```
	```</element>```

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalMarking / markCondition / biofoulingHighGrowth`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	biofoulingHighGrowth — Type: Restriction of 'string' — restricts: string
Type	restriction of string
Properties	content: simple
Facets	pattern true|false

Source	```<element name="biofoulingHighGrowth">```
	``` <simpleType>```
	``` <restriction base="string">```
	``` <pattern value="true|false"/>```
	``` </restriction>```
	``` </simpleType>```
	```</element>```

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalMarking / markCondition / broken`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0

Diagram	
Type	restriction of string
Properties	content: simple
Facets	pattern true|false

Source	`<element name="broken">`
	  `<simpleType>`
	    `<restriction base="string">`
	      `<pattern value="true|false"/>`
	    `</restriction>`
	  `</simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd
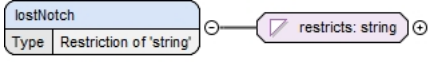
Element `animalMarking / markCondition / faded`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	restriction of string
Properties	content: simple
Facets	pattern true|false

Source	`<element name="faded">`
	  `<simpleType>`
	    `<restriction base="string">`
	      `<pattern value="true|false"/>`
	    `</restriction>`
	  `</simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalMarking / markCondition / lostHole`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	restriction of string
Properties	content: simple
Facets	pattern true|false

Source	`<element name="lostHole">`
	  `<simpleType>`
	    `<restriction base="string">`
	      `<pattern value="true|false"/>`
	    `</restriction>`
	  `</simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalMarking / markCondition / lostNotch`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	restriction of string

Properties	content:	simple

Facets	pattern	true|false

Source	`<element name="lostNotch">`
	  `<simpleType>`
	    `<restriction base="string">`
	      `<pattern value="true|false"/>`
	    `</restriction>`
	  `</simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalMarking / markCondition / notApplicable`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	 notApplicable Type | Restriction of 'string' restricts: string
Type	restriction of string
Properties	content: simple
Facets	pattern true|false

Source	`<element name="notApplicable">`
	  `<simpleType>`
	    `<restriction base="string">`
	      `<pattern value="true|false"/>`
	    `</restriction>`
	  `</simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalMarking / markCondition / readable`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	 readable Type | Restriction of 'string' restricts: string
Type	restriction of string
Properties	content: simple
Facets	pattern true|false

Source	`<element name="readable">`
	  `<simpleType>`
	    `<restriction base="string">`
	      `<pattern value="true|false"/>`
	    `</restriction>`
	  `</simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalMarking / markCondition / unreadable`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	 unreadable Type | Restriction of 'string' restricts: string
Type	restriction of string
Properties	content: simple
Facets	pattern true|false

Source	`<element name="unreadable">`
	  `<simpleType>`
	    `<restriction base="string">`
	      `<pattern value="true|false"/>`
	    `</restriction>`
	  `</simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalMarking / markImage`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	anyURI
Properties	content: simple
Source	`<element name="markImage" type="anyURI"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalEvent`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Annotations	
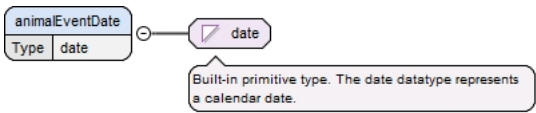
Diagram	
Properties	content: complex
Model	animalEventDate , determinationAnimalEventDate , animalEventDateCertainty , animalEventLocalTime , determinationAnimalEventLocalTime , animalEventLocalTimeZone , determinationAnimalEventTime , animalEventPeriodRemarks , animalEventLatitude , determinationAnimalEventLatitude , animalEventLongitude , determinationAnimalEventLongitude , animalEventCoordinateGen , animalEventCoordinatesOthers , animalEventDatum , animalEventLocationRemarks , animalEventLocationSubstrate
Children	animalEventCoordinateGen, animalEventCoordinatesOthers, animalEventDate, animalEventDateCertainty, animalEventDatum, animalEventLatitude, animalEventLocalTime, animalEventLocalTimeZone, animalEventLocationRemarks, animalEventLocationSubstrate, animalEventLongitude, animalEventPeriodRemarks, determinationAnimalEventDate, determinationAnimalEventLatitude, determinationAnimalEventLocalTime, determinationAnimalEventLongitude, determinationAnimalEventTime

Instance	`<animalEvent xmlns="http://data.gcoos.org/mmhmap/xml/1.0">`
	`  <animalEventDate>{1,1}</animalEventDate>`
	`  <determinationAnimalEventDate>{1,1}</determinationAnimalEventDate>`
	`  <animalEventDateCertainty>{1,1}</animalEventDateCertainty>`
	`  <animalEventLocalTime>{1,1}</animalEventLocalTime>`
	`  <determinationAnimalEventLocalTime>{1,1}</determinationAnimalEventLocalTime>`
	`  <animalEventLocalTimeZone>{1,1}</animalEventLocalTimeZone>`
	`  <determinationAnimalEventTime>{1,1}</determinationAnimalEventTime>`
	`  <animalEventPeriodRemarks>{1,1}</animalEventPeriodRemarks>`
	`  <animalEventLatitude>{1,1}</animalEventLatitude>`
	`  <determinationAnimalEventLatitude>{1,1}</determinationAnimalEventLatitude>`

	`<animalEventLongitude>`{1,1}`</animalEventLongitude>`
	`<determinationAnimalEventLongitude>`{1,1}`</determinationAnimalEventLongitude>`
	`<animalEventCoordinateGen>`{1,1}`</animalEventCoordinateGen>`
	`<animalEventCoordinatesOthers>`{1,1}`</animalEventCoordinatesOthers>`
	`<animalEventDatum>`{1,1}`</animalEventDatum>`
	`<animalEventLocationRemarks>`{1,1}`</animalEventLocationRemarks>`
	`<animalEventLocationSubstrate>`{1,1}`</animalEventLocationSubstrate>`
	`</animalEvent>`

Source	```<element name="animalEvent">
<annotation>
<documentation>
<dc:description>Geotemporal details of the animal event</dc:description>
</documentation>
</annotation>
<complexType>
<sequence>
<element name="animalEventDate" type="date"/>
<element name="determinationAnimalEventDate">
<simpleType>
<restriction base="string">
<pattern value="actual|estimate"/>
</restriction>
</simpleType>
</element>
<element name="animalEventDateCertainty" type="integer"/>
<element name="animalEventLocalTime" type="time"/>
<element name="determinationAnimalEventLocalTime" type="time"/>
<element name="animalEventLocalTimeZone">
<simpleType>
<restriction base="string">
<pattern value="electronic map|GPS device|hardcopy map|others"/>
</restriction>
</simpleType>
</element>
<element name="determinationAnimalEventTime">
<simpleType>
<restriction base="string">
<pattern value="actual|estimate"/>
</restriction>
</simpleType>
</element>
<element name="animalEventPeriodRemarks" type="string"/>
<element name="animalEventLatitude" type="string"/>
<element name="determinationAnimalEventLatitude" type="integer"/>
<element name="animalEventLongitude" type="string"/>
<element name="determinationAnimalEventLongitude" type="integer"/>
<element name="animalEventCoordinateGen" type="string"/>
<element name="animalEventCoordinatesOthers" type="string"/>
<element name="animalEventDatum" type="string" default="WGS84"/>
<element name="animalEventLocationRemarks" type="string"/>
<element name="animalEventLocationSubstrate" type="string"/>
</sequence>
</complexType>
</element>```
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalEvent / animalEventDate`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	date
Properties	content: simple
Source	`<element name="animalEventDate" type="date"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalEvent / determinationAnimalEventDate`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0

Diagram	

Type	restriction of string
Properties	content: simple
Facets	pattern actual|estimate

Source	`<element name="determinationAnimalEventDate">`
	  `<simpleType>`
	    `<restriction base="string">`
	      `<pattern value="actual|estimate"/>`
	    `</restriction>`
	  `</simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element animalEvent / animalEventDateCertainty

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	

Type	integer
Properties	content: simple
Source	`<element name="animalEventDateCertainty" type="integer"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element animalEvent / animalEventLocalTime

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	

Type	time
Properties	content: simple
Source	`<element name="animalEventLocalTime" type="time"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element animalEvent / determinationAnimalEventLocalTime

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	

Type	time
Properties	content: simple
Source	`<element name="determinationAnimalEventLocalTime" type="time"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element animalEvent / animalEventLocalTimeZone

Namespace	http://data.gcoos.org/mmhmap/xml/1.0

Diagram	
Type	restriction of string
Properties	content: simple
Facets	pattern electronic map|GPS device|hardcopy map| others

Source	`<element name="animalEventLocalTimeZone">`
	  `<simpleType>`
	    `<restriction base="string">`
	      `<pattern value="electronic map|GPS device|hardcopy map|others"/>`
	    `</restriction>`
	  `</simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd
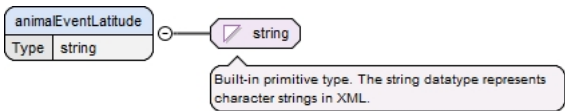
Element `animalEvent / determinationAnimalEventTime`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	restriction of string
Properties	content: simple
Facets	pattern actual|estimate

Source	`<element name="determinationAnimalEventTime">`
	  `<simpleType>`
	    `<restriction base="string">`
	      `<pattern value="actual|estimate"/>`
	    `</restriction>`
	  `</simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalEvent / animalEventPeriodRemarks`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	string
Properties	content: simple
Source	`<element name="animalEventPeriodRemarks" type="string"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalEvent / animalEventLatitude`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	string
Properties	content: simple

Source	`<element name="animalEventLatitude" type="string"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalEvent / determinationAnimalEventLatitude`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	integer
Properties	content: simple
Source	`<element name="determinationAnimalEventLatitude" type="integer"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalEvent / animalEventLongitude`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	string
Properties	content: simple
Source	`<element name="animalEventLongitude" type="string"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalEvent / determinationAnimalEventLongitude`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	integer
Properties	content: simple
Source	`<element name="determinationAnimalEventLongitude" type="integer"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalEvent / animalEventCoordinateGen`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	string
Properties	content: simple
Source	`<element name="animalEventCoordinateGen" type="string"/>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalEvent / animalEventCoordinatesOthers`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	string
Properties	content: simple
Source	`<element name="animalEventCoordinatesOthers" type="string"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalEvent / animalEventDatum`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	string
Properties	content: simple
	default: WGS84
Source	`<element name="animalEventDatum" type="string" default="WGS84"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalEvent / animalEventLocationRemarks`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	string
Properties	content: simple
Source	`<element name="animalEventLocationRemarks" type="string"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `animalEvent / animalEventLocationSubstrate`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	string
Properties	content: simple
Source	`<element name="animalEventLocationSubstrate" type="string"/>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `authorization`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Annotations	
Diagram	
Properties	content: complex
Model	issuingOrg* , authorizingType , authorizingRecID , authorizingDateStart , authorizingDateEnd , primaryHolder , authorizingRemarks
Children	authorizingDateEnd, authorizingDateStart, authorizingRecID, authorizingRemarks, authorizingType, issuingOrg, primaryHolder
| Instance | ```xml
<authorization xmlns="http://data.gcoos.org/mmhmap/xml/1.0">
  <issuingOrg>{0,unbounded}</issuingOrg>
  <authorizingType>{1,1}</authorizingType>
  <authorizingRecID>{1,1}</authorizingRecID>
  <authorizingDateStart>{1,1}</authorizingDateStart>
  <authorizingDateEnd>{1,1}</authorizingDateEnd>
  <primaryHolder>{1,1}</primaryHolder>
  <authorizingRemarks>{1,1}</authorizingRemarks>
</authorization>
``` |
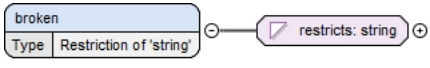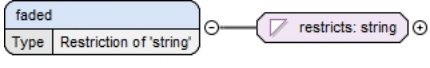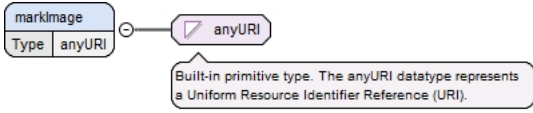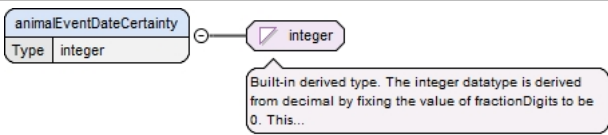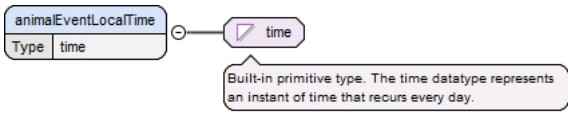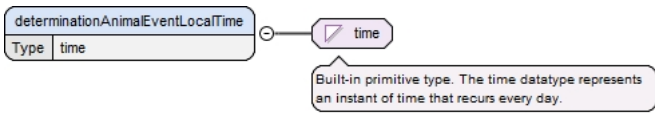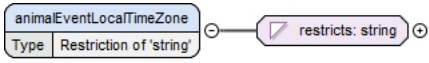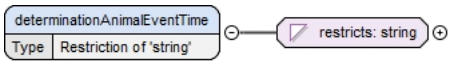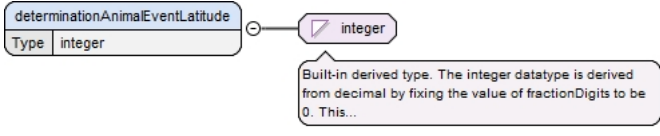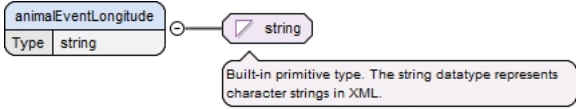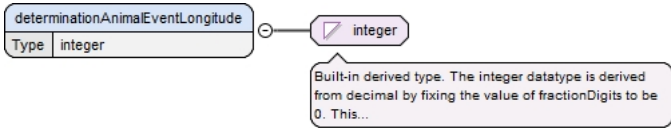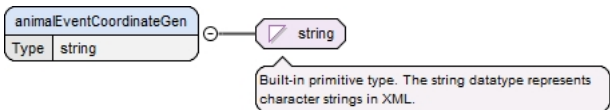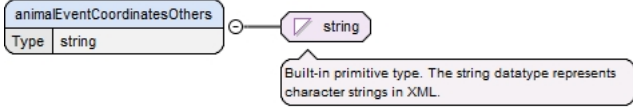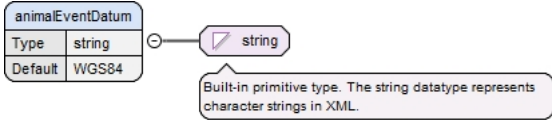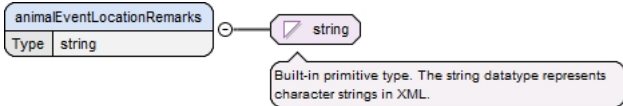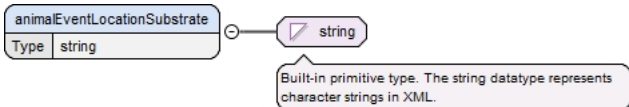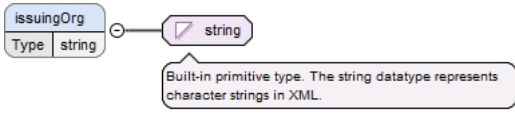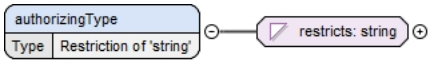| Source | ```xml
<element name="authorization">
  <annotation>
    <documentation>
      <dc:description>Authorization records (if applicable)</dc:description>
    </documentation>
  </annotation>
  <complexType>
    <sequence>
      <element name="issuingOrg" type="string" minOccurs="0" maxOccurs="unbounded"/>
      <element name="authorizingType">
        <simpleType>
          <restriction base="string">
            <pattern value="stranding agreeement|research permit|letter of authorization|fishery by-catch|harvested|CITES permit|archival facility|public report"/>
          </restriction>
        </simpleType>
      </element>
      <element name="authorizingRecID" type="string"/>
      <element name="authorizingDateStart" type="date"/>
      <element name="authorizingDateEnd" type="date"/>
      <element name="primaryHolder" type="string"/>
      <element name="authorizingRemarks" type="string"/>
    </sequence>
  </complexType>
</element>
``` |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd |

Element `authorization / issuingOrg`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0

Diagram	
Type	string
Properties	content: simple
	minOccurs: 0
	maxOccurs: unbounded
Source	`<element name="issuingOrg" type="string" minOccurs="0" maxOccurs="unbounded"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element authorization / authorizingType

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	restriction of string
Properties	content: simple
Facets	pattern stranding agreeement|research permit|letter of authorization|fishery by-catch|harvested|CITES permit|archival facility|public report

Source	`<element name="authorizingType">`
	  `<simpleType>`
	    `<restriction base="string">`
	      `<pattern value="stranding agreeement|research permit|letter of authorization|fishery by-catch|harvested|CITES permit|archival facility|public report"/>`
	    `</restriction>`
	  `</simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element authorization / authorizingRecID

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	string
Properties	content: simple
Source	`<element name="authorizingRecID" type="string"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element authorization / authorizingDateStart

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	

Type	date
Properties	content: simple
Source	`<element name="authorizingDateStart" type="date"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element authorization / authorizingDateEnd

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	date
Properties	content: simple
Source	`<element name="authorizingDateEnd" type="date"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element authorization / primaryHolder

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	string
Properties	content: simple
Source	`<element name="primaryHolder" type="string"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element authorization / authorizingRemarks

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	string
Properties	content: simple
Source	`<element name="authorizingRemarks" type="string"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element sourceInfo

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Annotations	

Diagram	
Properties	content: complex
Model	observationOnly , availableMedia , mediaRecord , sourceStrandingResponse , sourceStrandingResponseSubType , sourceEntanglementResponse , sourceEntanglementResponseSubType , sourcePermittedResearch , sourcePermittedResearchSubType , sourceByCatchIncidentalTake , sourceByCatchIncidentalTakeSubType , sourceHarvest , sourceRemarks
Children	availableMedia, mediaRecord, observationOnly, sourceByCatchIncidentalTake, sourceByCatchIncidentalTakeSubType, sourceEntanglementResponse, sourceEntanglementResponseSubType, sourceHarvest, sourcePermittedResearch, sourcePermittedResearchSubType, sourceRemarks, sourceStrandingResponse, sourceStrandingResponseSubType

Instance	`<sourceInfo xmlns="http://data.gcoos.org/mmhmap/xml/1.0">`
	`  <observationOnly>{1,1}</observationOnly>`
	`  <availableMedia>{1,1}</availableMedia>`
	`  <mediaRecord>{1,1}</mediaRecord>`
	`  <sourceStrandingResponse>{1,1}</sourceStrandingResponse>`
	`  <sourceStrandingResponseSubType>{1,1}</sourceStrandingResponseSubType>`
	`  <sourceEntanglementResponse>{1,1}</sourceEntanglementResponse>`
	`  <sourceEntanglementResponseSubType>{1,1}</sourceEntanglementResponseSubType>`
	`  <sourcePermittedResearch>{1,1}</sourcePermittedResearch>`
	`  <sourcePermittedResearchSubType>{1,1}</sourcePermittedResearchSubType>`
	`  <sourceByCatchIncidentalTake>{1,1}</sourceByCatchIncidentalTake>`
	`  <sourceByCatchIncidentalTakeSubType>{1,1}</sourceByCatchIncidentalTakeSubType>`
	`  <sourceHarvest>{1,1}</sourceHarvest>`
	`  <sourceRemarks>{1,1}</sourceRemarks>`
	`</sourceInfo>`

Source	`<element name="sourceInfo">`
	`  <annotation>`
	`    <documentation>`
	`      <dc:description>Details on the source of information (if applcable)</dc:description>`
	`    </documentation>`
	`  </annotation>`
	`  <complexType>`
	`    <sequence>`
	`      <element name="observationOnly">`
	`        <simpleType>`
	`          <restriction base="string">`
	`            <pattern value="yes|no"/>`
	`          </restriction>`

```xml
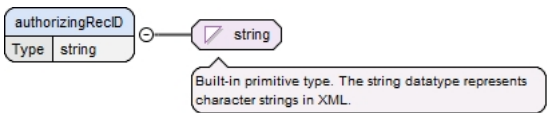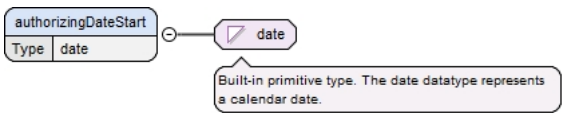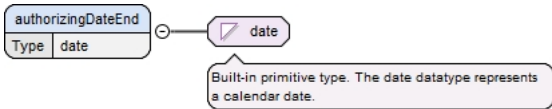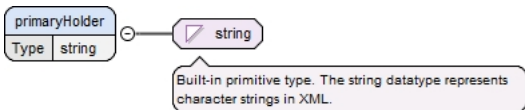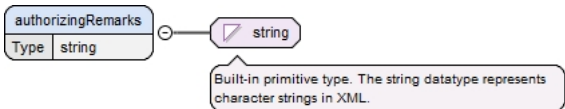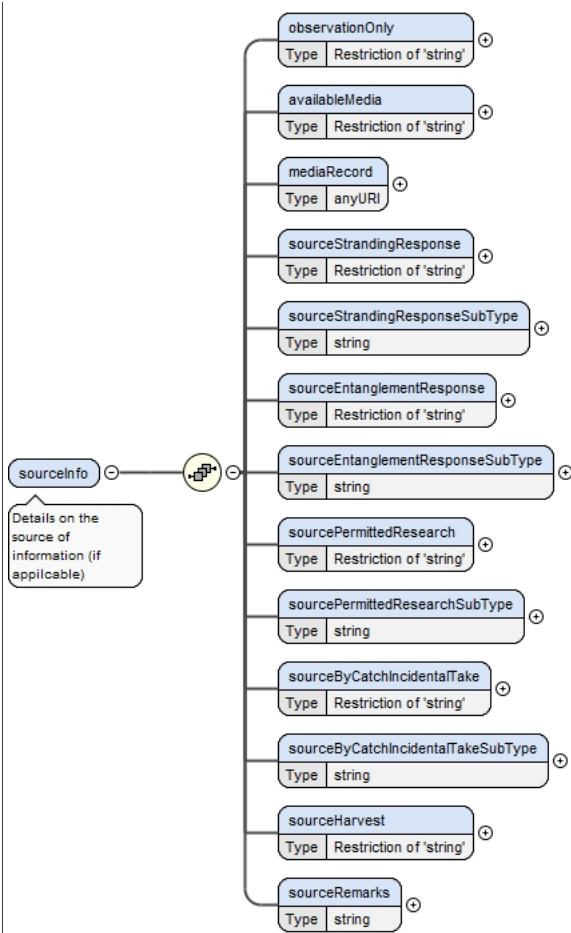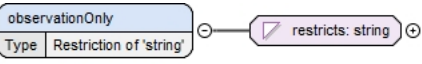            </simpleType>
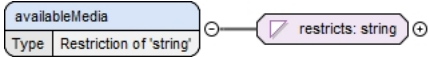          </element>
          <element name="availableMedia">
            <simpleType>
              <restriction base="string">
                <pattern value="yes|no"/>
              </restriction>
            </simpleType>
          </element>
          <element name="mediaRecord" type="anyURI"/>
          <element name="sourceStrandingResponse">
            <simpleType>
              <restriction base="string">
                <pattern value="true|false"/>
              </restriction>
            </simpleType>
          </element>
          <element name="sourceStrandingResponseSubType" type="string"/>
          <element name="sourceEntanglementResponse">
            <simpleType>
              <restriction base="string">
                <pattern value="true|false"/>
              </restriction>
            </simpleType>
          </element>
          <element name="sourceEntanglementResponseSubType" type="string"/>
          <element name="sourcePermittedResearch">
            <simpleType>
              <restriction base="string">
                <pattern value="true|false"/>
              </restriction>
            </simpleType>
          </element>
          <element name="sourcePermittedResearchSubType" type="string"/>
          <element name="sourceByCatchIncidentalTake">
            <simpleType>
              <restriction base="string">
                <pattern value="true|false"/>
              </restriction>
            </simpleType>
          </element>
          <element name="sourceByCatchIncidentalTakeSubType" type="string"/>
          <element name="sourceHarvest">
            <simpleType>
              <restriction base="string">
                <pattern value="true|false"/>
              </restriction>
            </simpleType>
          </element>
          <element name="sourceRemarks" type="string"/>
        </sequence>
      </complexType>
    </element>
```

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `sourceInfo / observationOnly`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	restriction of string
Properties	content: simple
Facets	pattern yes|no

Source	`<element name="observationOnly">`
	`  <simpleType>`
	`    <restriction base="string">`
	`      <pattern value="yes|no"/>`
	`    </restriction>`
	`  </simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd
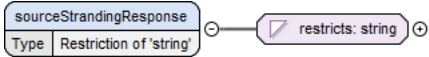
Element `sourceInfo / availableMedia`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	restriction of string
Properties	content: simple
Facets	pattern yes|no

Source	`<element name="availableMedia">`
	  `<simpleType>`
	    `<restriction base="string">`
	      `<pattern value="yes|no"/>`
	    `</restriction>`
	  `</simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd
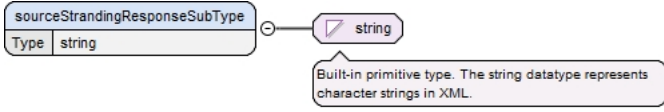
Element `sourceInfo / mediaRecord`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	anyURI
Properties	content: simple
Source	`<element name="mediaRecord" type="anyURI"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `sourceInfo / sourceStrandingResponse`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	restriction of string
Properties	content: simple
Facets	pattern true|false

Source	`<element name="sourceStrandingResponse">`
	  `<simpleType>`
	    `<restriction base="string">`
	      `<pattern value="true|false"/>`
	    `</restriction>`
	  `</simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `sourceInfo / sourceStrandingResponseSubType`
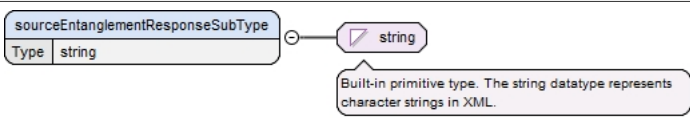
Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	string

Properties	content: simple
Source	`<element name="sourceStrandingResponseSubType" type="string"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `sourceInfo / sourceEntanglementResponse`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	restriction of string
Properties	content: simple
Facets	pattern true|false

Source	`<element name="sourceEntanglementResponse">`
	`  <simpleType>`
	`    <restriction base="string">`
	`      <pattern value="true|false"/>`
	`    </restriction>`
	`  </simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `sourceInfo / sourceEntanglementResponseSubType`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	string
Properties	content: simple
Source	`<element name="sourceEntanglementResponseSubType" type="string"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `sourceInfo / sourcePermittedResearch`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	restriction of string
Properties	content: simple
Facets	pattern true|false

Source	`<element name="sourcePermittedResearch">`
	`  <simpleType>`
	`    <restriction base="string">`
	`      <pattern value="true|false"/>`
	`    </restriction>`
	`  </simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `sourceInfo / sourcePermittedResearchSubType`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0

Diagram	
Type	string
Properties	content: simple
Source	`<element name="sourcePermittedResearchSubType" type="string"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `sourceInfo / sourceByCatchIncidentalTake`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	restriction of string
Properties	content: simple
Facets	pattern true|false

Source	`<element name="sourceByCatchIncidentalTake">`
	  `<simpleType>`
	    `<restriction base="string">`
	      `<pattern value="true|false"/>`
	    `</restriction>`
	  `</simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `sourceInfo / sourceByCatchIncidentalTakeSubType`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	string
Properties	content: simple
Source	`<element name="sourceByCatchIncidentalTakeSubType" type="string"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `sourceInfo / sourceHarvest`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	restriction of string
Properties	content: simple
Facets	pattern true|false

Source	`<element name="sourceHarvest">`
	  `<simpleType>`
	    `<restriction base="string">`
	      `<pattern value="true|false"/>`
	    `</restriction>`
	  `</simpleType>`
	`</element>`

Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd

Element `sourceInfo / sourceRemarks`

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	string
Properties	content: simple
Source	`<element name="sourceRemarks" type="string"/>`
Schema location	file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/basicAnimalInfo.xsd |