

# Schema documentation for animalRelease.xsd

may 9, 2017

## Table of Contents

|  |    |
|--|----|
| Namespace: "http://data.gcoos.org/mmhmap/xml/1.0"  | 2  |
| Schema(s) .....  | 2  |
| Main schema animalRelease.xsd .....  | 2  |
| Element(s) .....   | 2  |
| Element recordIdentifier .....   | 2  |
| Element recordIdentifier / recId .....   | 3  |
| Element recordIdentifier / organization .....  | 3  |
| Element recordIdentifier / localId .....   | 3  |
| Element recordIdentifier / animalId .....  | 3  |
| Element recordIdentifier / animalIdCount .....   | 4  |
| Element animalReleased .....   | 4  |
| Element animalReleased / animalReleaseDate .....   | 7  |
| Element animalReleased / animalReleaseTime .....   | 7  |
| Element animalReleased / determinationAnimalReleaseTime .....  | 8  |
| Element animalReleased / animalReleaseTimeZone .....   | 8  |
| Element animalReleased / animalReleasePeriodRemarks .....  | 8  |
| Element animalReleased / animalReleaseLatitude .....   | 8  |
| Element animalReleased / determinationAnimalReleaseLatitude .....  | 9  |
| Element animalReleased / animalReleaseLongitude .....  | 9  |
| Element animalReleased / determinationAnimalReleaseLongitude .....   | 9  |
| Element animalReleased / animalReleaseCoordinateGen .....  | 9  |
| Element animalReleased / animalReleaseCoordinatesOthers .....  | 10 |
| Element animalReleased / animalReleaseDatum .....  | 10 |
| Element animalReleased / animalLocationRemarks .....   | 10 |
| Element animalReleased / animalReleaseLifeStage .....  | 10 |
| Element animalReleased / determinationanimalReleaseStage .....   | 11 |
| Element animalReleased / determinationanimalReleaseStage / determinationStageAge .....                         | 12 |
| Element animalReleased / determinationanimalReleaseStage / determinationStageAssocOffspring .....              | 12 |
| Element animalReleased / determinationanimalReleaseStage / determinationStageExtMorp .....                     | 13 |
| Element animalReleased / determinationanimalReleaseStage / determinationStageExtMorpRemote .....               | 13 |
| Element animalReleased / determinationanimalReleaseStage / determinationStageInternalGrossExam .....           | 13 |
| Element animalReleased / determinationanimalReleaseStage / determinationStageUltrasound ..                     | 14 |
| Element animalReleased / determinationanimalReleaseStage / determinationStageOthers .....                      | 14 |
| Element animalReleased / determinationanimalReleaseStage / determinationStageRemarks .....                     | 14 |
| Element animalReleased / animalReleaseConditionCode .....  | 15 |
| Element animalReleased / animalReleaseGroup .....  | 15 |
| Element animalReleased / animalConditionRemarks .....  | 15 |
| Element animalMorphometrics .....  | 16 |
| Element animalMorphometrics / morphometricsDate .....  | 17 |
| Element animalMorphometrics / morphometricsTime .....  | 17 |
| Element animalMorphometrics / morphometricsItem .....  | 18 |
| Element animalMorphometrics / morphometricsItemRemarks .....   | 18 |
| Element animalMorphometrics / morphometricsStandardLength .....  | 18 |
| Element animalMorphometrics / morphometricsStandardLength / morphometricsStandardLengthMeasure .....           | 19 |
| Element animalMorphometrics / morphometricsStandardLength / morphometricsStandardLengthUnit .....              | 19 |
| Element animalMorphometrics / morphometricsStandardLength / morphometricsStandardLengthCertainty .....         | 19 |
| Element animalMorphometrics / morphometricsMaxGirth .....  | 20 |
| Element animalMorphometrics / morphometricsMaxGirth / morphometricsMaxGirthMeasure .....                       | 20 |
| Element animalMorphometrics / morphometricsMaxGirth / morphometricsMaxGirthUnit .....                          | 20 |
| Element animalMorphometrics / morphometricsMaxGirth / morphometricsMaxGirthCertainty .....                     | 21 |
| Element animalMorphometrics / morphometricsBladderDepthSternal .....   | 21 |
| Element animalMorphometrics / morphometricsBladderDepthSternal / morphometricsBladderDepthSternalMeasure ..... | 22 |

|  |    |
|--|----|
| Element animalMorphometrics / morphometricsBladderDepthSternal / morphometricsBladderDepthSternalUnit .....      | 22 |
| Element animalMorphometrics / morphometricsBladderDepthSternal / morphometricsBladderDepthSternalCertainty ..... | 22 |
| Element animalMorphometrics / morphometricsBodyMass .....  | 22 |
| Element animalMorphometrics / morphometricsBodyMass / morphometricsBodyMassMeasure .....                         | 23 |
| Element animalMorphometrics / morphometricsBodyMass / morphometricsBodyMassUnit .....                            | 23 |
| Element animalMorphometrics / morphometricsBodyMass / morphometricsBodyMassCertainty .....                       | 24 |

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

### Schema(s)

#### Main schema animalRelease.xsd

|                 |  |
|-----------------|--|
| Namespace       | <a href="http://data.gcoos.org/mmhmap/xml/1.0">http://data.gcoos.org/mmhmap/xml/1.0</a>    |
| Annotations     |  |
| Properties      | attribute form default: unqualified<br>element form default: qualified<br>version: 1.0.0.2 |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd                              |

### Element(s)

#### Element recordIdentifier

|             |   |
|-------------|---|
| Namespace   | <a href="http://data.gcoos.org/mmhmap/xml/1.0">http://data.gcoos.org/mmhmap/xml/1.0</a>   |
| Annotations |   |
| Diagram     | <pre> classDiagram     class recordIdentifier {         &lt;&lt;Record identifier based on a proposed persistent record identifier for HealthMAP&gt;&gt;     }     class recId {         Type string     }     class organization {         Type string     }     class localId {         Type string     }     class animalId {         Type string     }     class animalIdCount {         Type Restriction of 'integer'     }      recordIdentifier "0..1" *-- "0..1" recId     recordIdentifier "0..1" *-- "0..1" organization     recordIdentifier "0..1" *-- "0..1" localId     recordIdentifier "0..1" *-- "0..1" animalId     recordIdentifier "0..1" *-- "0..1" animalIdCount   </pre> |
| Properties  | content: complex  |
| Model       | recId{0,1} , organization{0,1} , localId{0,1} , animalId{0,1} , animalIdCount   |
| Children    | animalId, animalIdCount, localId, organization, recId   |
| Instance    | <pre> &lt;recordIdentifier xmlns="http://data.gcoos.org/mmhmap/xml/1.0"&gt;   &lt;recId&gt;{0,1}&lt;/recId&gt;   &lt;organization&gt;{0,1}&lt;/organization&gt;   &lt;localId&gt;{0,1}&lt;/localId&gt;   &lt;animalId&gt;{0,1}&lt;/animalId&gt;   &lt;animalIdCount&gt;{1,1}&lt;/animalIdCount&gt; &lt;/recordIdentifier&gt;   </pre>   |
| Source      | <pre> &lt;element name="recordIdentifier"&gt;   &lt;annotation&gt;     &lt;documentation&gt;       &lt;dc:description&gt;Record identifier based on a proposed persistent record identifier for HealthMAP&lt;/dc:description&gt;     &lt;/documentation&gt;   &lt;/annotation&gt;   &lt;complexType&gt;     &lt;sequence&gt;       &lt;element name="recId" type="string" minOccurs="0"/&gt;       &lt;element name="organization" type="string" minOccurs="0"/&gt;       &lt;element name="localId" type="string" minOccurs="0"/&gt;       &lt;element name="animalId" type="string" minOccurs="0"/&gt;     &lt;/sequence&gt;   &lt;/complexType&gt; &lt;/element&gt;   </pre>                 |

|                 |   |
|-----------------|---|
|                 | <pre> &lt;element name="animalIdCount"&gt;   &lt;complexType&gt;     &lt;sequence&gt;       &lt;element name="animalIdCount"&gt;         &lt;simpleType&gt;           &lt;restriction base="integer"&gt;             &lt;minInclusive value="0" /&gt;             &lt;maxInclusive value="999" /&gt;           &lt;/restriction&gt;         &lt;/simpleType&gt;       &lt;/element&gt;     &lt;/sequence&gt;   &lt;/complexType&gt; &lt;/element&gt; </pre> |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd   |

### Element recordIdentifier / recId

|                 |  |          |        |            |   |
|-----------------|--|----------|--------|------------|---|
| Namespace       | http://data.gcoos.org/mmhmap/xml/1.0   |          |        |            |   |
| Diagram         | <p>The diagram shows a class named 'recId' with a compartment labeled 'Type' containing 'string'. A line connects 'recId' to a rounded rectangle labeled 'string'.</p> <p><b>Built-in primitive type. The string datatype represents character strings in XML.</b></p> |          |        |            |   |
| Type            | string   |          |        |            |   |
| Properties      | <table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>  | content: | simple | minOccurs: | 0 |
| content:        | simple   |          |        |            |   |
| minOccurs:      | 0  |          |        |            |   |
| Source          | <element name="recId" type="string" minOccurs="0" />   |          |        |            |   |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd  |          |        |            |   |

### Element recordIdentifier / organization

|                 |  |          |        |            |   |
|-----------------|--|----------|--------|------------|---|
| Namespace       | http://data.gcoos.org/mmhmap/xml/1.0   |          |        |            |   |
| Diagram         | <p>The diagram shows a class named 'organization' with a compartment labeled 'Type' containing 'string'. A line connects 'organization' to a rounded rectangle labeled 'string'.</p> <p><b>Built-in primitive type. The string datatype represents character strings in XML.</b></p> |          |        |            |   |
| Type            | string   |          |        |            |   |
| Properties      | <table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>  | content: | simple | minOccurs: | 0 |
| content:        | simple   |          |        |            |   |
| minOccurs:      | 0  |          |        |            |   |
| Source          | <element name="organization" type="string" minOccurs="0" />  |          |        |            |   |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd  |          |        |            |   |

### Element recordIdentifier / localId

|                 |  |          |        |            |   |
|-----------------|--|----------|--------|------------|---|
| Namespace       | http://data.gcoos.org/mmhmap/xml/1.0   |          |        |            |   |
| Diagram         | <p>The diagram shows a class named 'localId' with a compartment labeled 'Type' containing 'string'. A line connects 'localId' to a rounded rectangle labeled 'string'.</p> <p><b>Built-in primitive type. The string datatype represents character strings in XML.</b></p> |          |        |            |   |
| Type            | string   |          |        |            |   |
| Properties      | <table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>  | content: | simple | minOccurs: | 0 |
| content:        | simple   |          |        |            |   |
| minOccurs:      | 0  |          |        |            |   |
| Source          | <element name="localId" type="string" minOccurs="0" />   |          |        |            |   |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd  |          |        |            |   |

### Element recordIdentifier / animalId

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

|                 |   |          |        |            |   |
|-----------------|---|----------|--------|------------|---|
| Diagram         |   |          |        |            |   |
| Type            | string  |          |        |            |   |
| Properties      | <table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table> | content: | simple | minOccurs: | 0 |
| content:        | simple  |          |        |            |   |
| minOccurs:      | 0   |          |        |            |   |
| Source          | <element name="animalId" type="string" minOccurs="0"/>  |          |        |            |   |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd   |          |        |            |   |

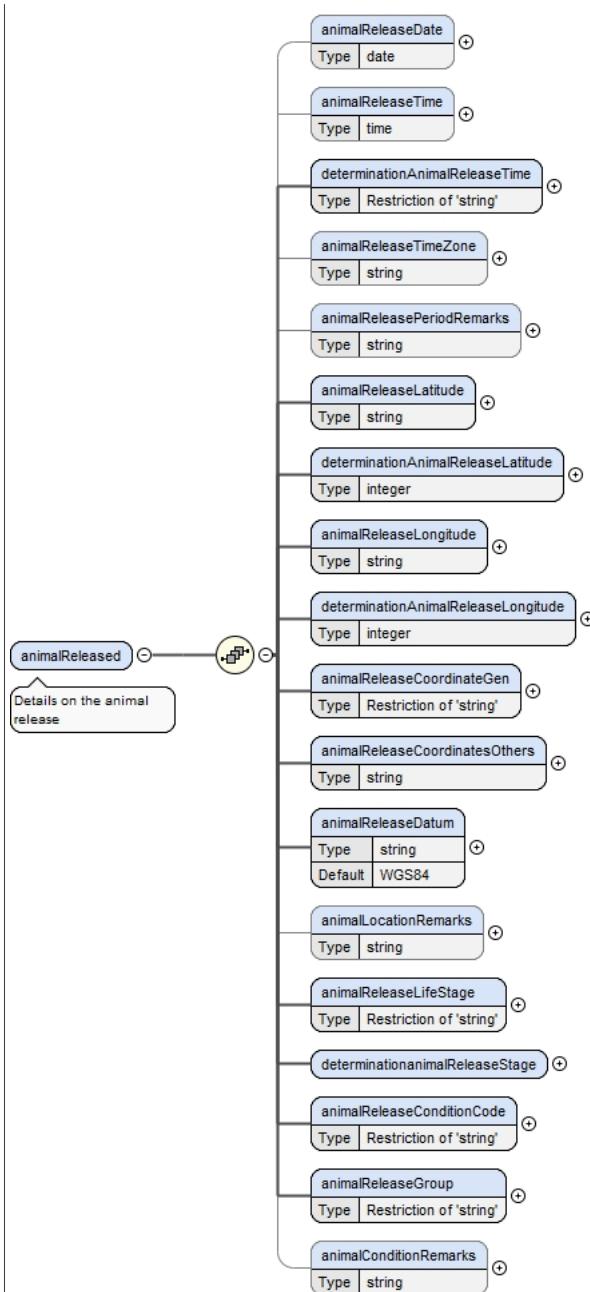
### Element recordIdentifier / animalIdCount

|                 |   |              |        |              |   |
|-----------------|---|--------------|--------|--------------|---|
| Namespace       | http://data.gcoos.org/mmhmap/xml/1.0  |              |        |              |   |
| Diagram         |   |              |        |              |   |
| Type            | restriction of integer  |              |        |              |   |
| Properties      | <table> <tr> <td>content:</td> <td>simple</td> </tr> </table>   | content:     | simple |              |   |
| content:        | simple  |              |        |              |   |
| Facets          | <table> <tr> <td>maxInclusive</td> <td>999</td> </tr> <tr> <td>minInclusive</td> <td>0</td> </tr> </table>  | maxInclusive | 999    | minInclusive | 0 |
| maxInclusive    | 999   |              |        |              |   |
| minInclusive    | 0   |              |        |              |   |
| Source          | <pre>&lt;element name="animalIdCount"&gt;   &lt;simpleType&gt;     &lt;restriction base="integer"&gt;       &lt;minInclusive value="0"/&gt;       &lt;maxInclusive value="999"/&gt;     &lt;/restriction&gt;   &lt;/simpleType&gt; &lt;/element&gt;</pre> |              |        |              |   |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd   |              |        |              |   |

### Element animalReleased

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

## Diagram



|            |   |
|------------|---|
| Properties | content: complex  |
| Model      | animalReleaseDate{0,1} , animalReleaseTime{0,1} , determinationAnimalReleaseTime , animalReleaseTimeZone{0,1} , animalReleasePeriodRemarks{0,1} , animalReleaseLatitude , determinationAnimalReleaseLatitude , animalReleaseLongitude , determinationAnimalReleaseLongitude , animalReleaseCoordinateGen , animalReleaseCoordinatesOthers , animalReleaseDatum , animalLocationRemarks{0,1} , animalReleaseLifeStage , determinationAnimalReleaseStage , animalReleaseConditionCode , animalReleaseGroup , animalConditionRemarks{0,1}  |
| Children   | animalConditionRemarks, animalLocationRemarks, animalReleaseConditionCode, animalReleaseCoordinateGen, animalReleaseCoordinatesOthers, animalReleaseDate, animalReleaseDatum, animalReleaseGroup, animalReleaseLatitude, animalReleaseLifeStage, animalReleaseLongitude, animalReleasePeriodRemarks, animalReleaseTime, animalReleaseTimeZone, determinationAnimalReleaseLatitude, determinationAnimalReleaseLongitude, determinationAnimalReleaseTime, determinationAnimalReleaseStage   |
| Instance   | <pre> &lt;animalReleased xmlns="http://data.gcoos.org/mmhmmap/xml/1.0"&gt;     &lt;animalReleaseDate&gt;{0,1}&lt;/animalReleaseDate&gt;     &lt;animalReleaseTime&gt;{0,1}&lt;/animalReleaseTime&gt;     &lt;determinationAnimalReleaseTime&gt;{1,1}&lt;/determinationAnimalReleaseTime&gt;     &lt;animalReleaseTimeZone&gt;{0,1}&lt;/animalReleaseTimeZone&gt;     &lt;animalReleasePeriodRemarks&gt;{0,1}&lt;/animalReleasePeriodRemarks&gt;     &lt;animalReleaseLatitude&gt;{1,1}&lt;/animalReleaseLatitude&gt;     &lt;determinationAnimalReleaseLatitude&gt;{1,1}&lt;/determinationAnimalReleaseLatitude&gt;     &lt;animalReleaseLongitude&gt;{1,1}&lt;/animalReleaseLongitude&gt; </pre> |

|        |  |
|--------|--|
|        | <pre> &lt;determinationAnimalReleaseLongitude&gt;{1,1}&lt;/determinationAnimalReleaseLongitude&gt; &lt;animalReleaseCoordinateGen&gt;{1,1}&lt;/animalReleaseCoordinateGen&gt; &lt;animalReleaseCoordinatesOthers&gt;{1,1}&lt;/animalReleaseCoordinatesOthers&gt; &lt;animalReleaseDatum&gt;{1,1}&lt;/animalReleaseDatum&gt; &lt;animalLocationRemarks&gt;{0,1}&lt;/animalLocationRemarks&gt; &lt;animalReleaseLifeStage&gt;{1,1}&lt;/animalReleaseLifeStage&gt; &lt;determinationanimalReleaseStage&gt;{1,1}&lt;/determinationanimalReleaseStage&gt; &lt;animalReleaseConditionCode&gt;{1,1}&lt;/animalReleaseConditionCode&gt; &lt;animalReleaseGroup&gt;{1,1}&lt;/animalReleaseGroup&gt; &lt;animalConditionRemarks&gt;{0,1}&lt;/animalConditionRemarks&gt; &lt;/animalReleased&gt; </pre>   |
| Source | <pre> &lt;element name="animalReleased"&gt;   &lt;annotation&gt;     &lt;documentation&gt;       &lt;dc:description&gt;Details on the animal release&lt;/dc:description&gt;     &lt;/documentation&gt;   &lt;/annotation&gt;   &lt;complexType&gt;     &lt;sequence&gt;       &lt;element name="animalReleaseDate" type="date" minOccurs="0"/&gt;       &lt;element name="animalReleaseTime" type="time" minOccurs="0"/&gt;       &lt;element name="determinationAnimalReleaseTime"&gt;         &lt;simpleType&gt;           &lt;restriction base="string"&gt;             &lt;pattern value="actual estimate"/&gt;           &lt;/restriction&gt;         &lt;/simpleType&gt;       &lt;/element&gt;       &lt;element name="animalReleaseTimeZone" type="string" minOccurs="0"/&gt;       &lt;element name="animalReleasePeriodRemarks" type="string" minOccurs="0"/&gt;       &lt;element name="animalReleaseLatitude" type="string"/&gt;       &lt;element name="determinationAnimalReleaseLatitude" type="integer"/&gt;       &lt;element name="animalReleaseLongitude" type="string"/&gt;       &lt;element name="determinationAnimalReleaseLongitude" type="integer"/&gt;       &lt;element name="animalReleaseCoordinateGen"&gt;         &lt;simpleType&gt;           &lt;restriction base="string"&gt;             &lt;pattern value="electronic map GPS device hardcopy map others"/&gt;           &lt;/restriction&gt;         &lt;/simpleType&gt;       &lt;/element&gt;       &lt;element name="animalReleaseCoordinatesOthers" type="string"/&gt;       &lt;element name="animalReleaseDatum" type="string" default="WGS84"/&gt;       &lt;element name="animalLocationRemarks" type="string" minOccurs="0"/&gt;       &lt;element name="animalReleaseLifeStage"&gt;         &lt;simpleType&gt;           &lt;restriction base="string"&gt;             &lt;pattern value="sexually mature sexually immature unknown"/&gt;           &lt;/restriction&gt;         &lt;/simpleType&gt;       &lt;/element&gt;       &lt;element name="determinationanimalReleaseStage"&gt;         &lt;complexType&gt;           &lt;sequence&gt;             &lt;element name="determinationStageAge"&gt;               &lt;simpleType&gt;                 &lt;restriction base="string"&gt;                   &lt;pattern value="true false"/&gt;                 &lt;/restriction&gt;               &lt;/simpleType&gt;             &lt;/element&gt;             &lt;element name="determinationStageAssocOffspring"&gt;               &lt;simpleType&gt;                 &lt;restriction base="string"&gt;                   &lt;pattern value="true false"/&gt;                 &lt;/restriction&gt;               &lt;/simpleType&gt;             &lt;/element&gt;             &lt;element name="determinationStageExtMorp"&gt;               &lt;simpleType&gt;                 &lt;restriction base="string"&gt;                   &lt;pattern value="true false"/&gt;                 &lt;/restriction&gt;               &lt;/simpleType&gt;             &lt;/element&gt;             &lt;element name="determinationStageExtMorpRemote"&gt;               &lt;simpleType&gt;                 &lt;restriction base="string"&gt;                   &lt;pattern value="true false"/&gt;                 &lt;/restriction&gt;               &lt;/simpleType&gt;             &lt;/element&gt;           &lt;/sequence&gt;         &lt;/complexType&gt;       &lt;/element&gt;     &lt;/sequence&gt;   &lt;/complexType&gt; &lt;/element&gt; </pre> |

|                 |  |
|-----------------|--|
|                 | <pre> &lt;element name="determinationStageIntegralGrossExam"&gt;   &lt;simpleType&gt;     &lt;restriction base="string"&gt;       &lt;pattern value="true false"/&gt;     &lt;/restriction&gt;   &lt;/simpleType&gt; &lt;/element&gt; &lt;element name="determinationStageUltrasound"&gt;   &lt;simpleType&gt;     &lt;restriction base="string"&gt;       &lt;pattern value="true false"/&gt;     &lt;/restriction&gt;   &lt;/simpleType&gt; &lt;/element&gt; &lt;element name="determinationStageOthers"&gt;   &lt;simpleType&gt;     &lt;restriction base="string"&gt;       &lt;pattern value="true false"/&gt;     &lt;/restriction&gt;   &lt;/simpleType&gt; &lt;/element&gt; &lt;element name="determinationStageRemarks" type="string" minOccurs="0"/&gt; &lt;/sequence&gt; &lt;/complexType&gt; &lt;/element&gt; &lt;element name="animalReleaseConditionCode"&gt;   &lt;simpleType&gt;     &lt;restriction base="string"&gt;       &lt;pattern value="alive fresh dead moderate decomposition advanced decomposition mummified/skeletal dead, condition unknown"/&gt;     &lt;/restriction&gt;   &lt;/simpleType&gt; &lt;/element&gt; &lt;element name="animalReleaseGroup"&gt;   &lt;simpleType&gt;     &lt;restriction base="string"&gt;       &lt;pattern value="singly with others"/&gt;     &lt;/restriction&gt;   &lt;/simpleType&gt; &lt;/element&gt; &lt;element name="animalConditionRemarks" type="string" minOccurs="0"/&gt; &lt;/sequence&gt; &lt;/complexType&gt; &lt;/element&gt; </pre> |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd  |

### Element animalReleased / animalReleaseDate

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

### Element animalReleased / animalReleaseTime

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

|                 |   |   |
|-----------------|---|---|
|                 | minOccurs:  | 0 |
| Source          | <element name="animalReleaseTime" type="time" minOccurs="0"/> |   |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd |   |

**Element animalReleased / determinationAnimalReleaseTime**

|                 |   |  |
|-----------------|---|--|
| Namespace       | http://data.gcoos.org/mmhmap/xml/1.0  |  |
| Diagram         |   |  |
| Type            | restriction of string   |  |
| Properties      | content: simple   |  |
| Facets          | pattern actual estimate   |  |
| Source          | <element name="determinationAnimalReleaseTime"><br><simpleType><br><restriction base="string"><br><pattern value="actual estimate"/><br></restriction><br></simpleType><br></element> |  |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd   |  |

**Element animalReleased / animalReleaseTimeZone**

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

**Element animalReleased / animalReleasePeriodRemarks**

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

**Element animalReleased / animalReleaseLatitude**

|           |  |  |
|-----------|--|--|
| Namespace | http://data.gcoos.org/mmhmap/xml/1.0   |  |
| Diagram   | <p>Built-in primitive type. The string datatype represents character strings in XML.</p> |  |

|                 |  |
|-----------------|--|
| Type            | string   |
| Properties      | content: simple  |
| Source          | <element name="animalReleaseLatitude" type="string"/>          |
| Schema location | file:/C:/Users/fgayaniilo/Desktop/MMHMAP/xsd/animalRelease.xsd |

### Element animalReleased / determinationAnimalReleaseLatitude

|                 |   |
|-----------------|---|
| Namespace       | http://data.gcoos.org/mmhmap/xml/1.0  |
| Diagram         | <pre> classDiagram     class determinationAnimalReleaseLatitude {         &lt;&lt;integer&gt;&gt;     }     determinationAnimalReleaseLatitude &lt; -- integer     note over integer: Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...   </pre> |
| Type            | integer   |
| Properties      | content: simple   |
| Source          | <element name="determinationAnimalReleaseLatitude" type="integer"/>   |
| Schema location | file:/C:/Users/fgayaniilo/Desktop/MMHMAP/xsd/animalRelease.xsd  |

### Element animalReleased / animalReleaseLongitude

|                 |   |
|-----------------|---|
| Namespace       | http://data.gcoos.org/mmhmap/xml/1.0  |
| Diagram         | <pre> classDiagram     class animalReleaseLongitude {         &lt;&lt;string&gt;&gt;     }     animalReleaseLongitude &lt; -- string     note over string: Built-in primitive type. The string datatype represents character strings in XML.   </pre> |
| Type            | string  |
| Properties      | content: simple   |
| Source          | <element name="animalReleaseLongitude" type="string"/>  |
| Schema location | file:/C:/Users/fgayaniilo/Desktop/MMHMAP/xsd/animalRelease.xsd  |

### Element animalReleased / determinationAnimalReleaseLongitude

|                 |   |
|-----------------|---|
| Namespace       | http://data.gcoos.org/mmhmap/xml/1.0  |
| Diagram         | <pre> classDiagram     class determinationAnimalReleaseLongitude {         &lt;&lt;integer&gt;&gt;     }     determinationAnimalReleaseLongitude &lt; -- integer     note over integer: Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...   </pre> |
| Type            | integer   |
| Properties      | content: simple   |
| Source          | <element name="determinationAnimalReleaseLongitude" type="integer"/>  |
| Schema location | file:/C:/Users/fgayaniilo/Desktop/MMHMAP/xsd/animalRelease.xsd  |

### Element animalReleased / animalReleaseCoordinateGen

|            |  |
|------------|--|
| Namespace  | http://data.gcoos.org/mmhmap/xml/1.0   |
| Diagram    | <pre> classDiagram     class animalReleaseCoordinateGen {         &lt;&lt;Restriction of 'string'&gt;&gt;     }     animalReleaseCoordinateGen &lt; -- string     note over string: restricts: string   </pre> |
| Type       | restriction of string  |
| Properties | content: simple  |

|                 |         |   |
|-----------------|---------|---|
| Facets          | pattern | electronic map GPS device hardcopy map others   |
| Source          |         | <pre>&lt;element name="animalReleaseCoordinateGen"&gt;   &lt;simpleType&gt;     &lt;restriction base="string"&gt;       &lt;pattern value="electronic map GPS device hardcopy map others" /&gt;     &lt;/restriction&gt;   &lt;/simpleType&gt; &lt;/element&gt;</pre> |
| Schema location |         | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd   |

### Element animalReleased / animalReleaseCoordinatesOthers

|                 |  |
|-----------------|--|
| Namespace       | http://data.gcoos.org/mmhmap/xml/1.0   |
| Diagram         | <pre> classDiagram     class animalReleaseCoordinatesOthers {         &lt;&lt;string&gt;&gt;     }     animalReleaseCoordinatesOthers &lt; -- string   </pre> <p>Built-in primitive type. The string datatype represents character strings in XML.</p> |
| Type            | string   |
| Properties      | content: simple  |
| Source          | <pre>&lt;element name="animalReleaseCoordinatesOthers" type="string" /&gt;</pre>   |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd  |

### Element animalReleased / animalReleaseDatum

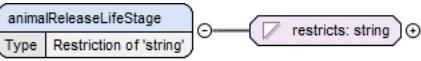
|                 |  |
|-----------------|--|
| Namespace       | http://data.gcoos.org/mmhmap/xml/1.0   |
| Diagram         | <pre> classDiagram     class animalReleaseDatum {         &lt;&lt;string&gt;&gt;         &lt;&lt;WGS84&gt;&gt;     }     animalReleaseDatum &lt; -- string   </pre> <p>Built-in primitive type. The string datatype represents character strings in XML.</p> |
| Type            | string   |
| Properties      | content: simple<br>default: WGS84  |
| Source          | <pre>&lt;element name="animalReleaseDatum" type="string" default="WGS84" /&gt;</pre>   |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd  |

### Element animalReleased / animalLocationRemarks

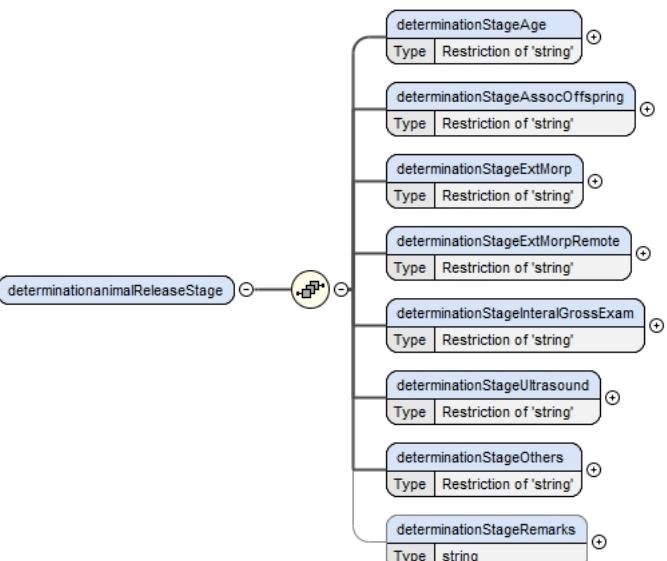
|                 |  |
|-----------------|--|
| Namespace       | http://data.gcoos.org/mmhmap/xml/1.0   |
| Diagram         | <pre> classDiagram     class animalLocationRemarks {         &lt;&lt;string&gt;&gt;     }     animalLocationRemarks &lt; -- string   </pre> <p>Built-in primitive type. The string datatype represents character strings in XML.</p> |
| Type            | string   |
| Properties      | content: simple<br>minOccurs: 0  |
| Source          | <pre>&lt;element name="animalLocationRemarks" type="string" minOccurs="0" /&gt;</pre>  |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd  |

### Element animalReleased / animalReleaseLifeStage

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

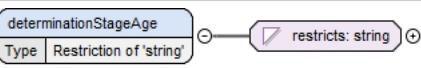
|                 |  |
|-----------------|--|
| Diagram         |   |
| Type            | restriction of string  |
| Properties      | content: simple  |
| Facets          | pattern sexually mature sexually immature unknown  |
| Source          | <pre>&lt;element name="animalReleaseLifeStage"&gt;   &lt;simpleType&gt;     &lt;restriction base="string"&gt;       &lt;pattern value="sexually mature sexually immature unknown"/&gt;     &lt;/restriction&gt;   &lt;/simpleType&gt; &lt;/element&gt;</pre> |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd  |

### Element animalReleased / determinationanimalReleaseStage

|            |  |
|------------|--|
| Namespace  | http://data.gcoos.org/mmhmap/xml/1.0   |
| Diagram    |    |
| Properties | content: complex   |
| Model      | determinationStageAge , determinationStageAssocOffspring , determinationStageExtMorp , determinationStageExtMorpRemote , determinationStageInternalGrossExam , determinationStageUltrasound , determinationStageOthers , determinationStageRemarks{0,1}  |
| Children   | determinationStageAge, determinationStageAssocOffspring, determinationStageExtMorp, determinationStageExtMorpRemote, determinationStageInternalGrossExam, determinationStageOthers, determinationStageRemarks, determinationStageUltrasound  |
| Instance   | <pre>&lt;determinationanimalReleaseStage xmlns="http://data.gcoos.org/mmhmap/xml/1.0"&gt;   &lt;determinationStageAge&gt;{1,1}&lt;/determinationStageAge&gt;   &lt;determinationStageAssocOffspring&gt;{1,1}&lt;/determinationStageAssocOffspring&gt;   &lt;determinationStageExtMorp&gt;{1,1}&lt;/determinationStageExtMorp&gt;   &lt;determinationStageExtMorpRemote&gt;{1,1}&lt;/determinationStageExtMorpRemote&gt;   &lt;determinationStageInternalGrossExam&gt;{1,1}&lt;/determinationStageInternalGrossExam&gt;   &lt;determinationStageUltrasound&gt;{1,1}&lt;/determinationStageUltrasound&gt;   &lt;determinationStageOthers&gt;{1,1}&lt;/determinationStageOthers&gt;   &lt;determinationStageRemarks&gt;{0,1}&lt;/determinationStageRemarks&gt; &lt;/determinationanimalReleaseStage&gt;</pre> |
| Source     | <pre>&lt;element name="determinationanimalReleaseStage"&gt;   &lt;complexType&gt;     &lt;sequence&gt;       &lt;element name="determinationStageAge"&gt;         &lt;simpleType&gt;           &lt;restriction base="string"&gt;             &lt;pattern value="true false"/&gt;           &lt;/restriction&gt;         &lt;/simpleType&gt;       &lt;/element&gt;     &lt;/sequence&gt;   &lt;/complexType&gt; &lt;/element&gt;</pre>   |

|                 |  |
|-----------------|--|
|                 | <pre> &lt;element name="determinationStageAssocOffspring"&gt;   &lt;simpleType&gt;     &lt;restriction base="string"&gt;       &lt;pattern value="true false"/&gt;     &lt;/restriction&gt;   &lt;/simpleType&gt; &lt;/element&gt; &lt;element name="determinationStageExtMorp"&gt;   &lt;simpleType&gt;     &lt;restriction base="string"&gt;       &lt;pattern value="true false"/&gt;     &lt;/restriction&gt;   &lt;/simpleType&gt; &lt;/element&gt; &lt;element name="determinationStageExtMorpRemote"&gt;   &lt;simpleType&gt;     &lt;restriction base="string"&gt;       &lt;pattern value="true false"/&gt;     &lt;/restriction&gt;   &lt;/simpleType&gt; &lt;/element&gt; &lt;element name="determinationStageInternalGrossExam"&gt;   &lt;simpleType&gt;     &lt;restriction base="string"&gt;       &lt;pattern value="true false"/&gt;     &lt;/restriction&gt;   &lt;/simpleType&gt; &lt;/element&gt; &lt;element name="determinationStageUltrasound"&gt;   &lt;simpleType&gt;     &lt;restriction base="string"&gt;       &lt;pattern value="true false"/&gt;     &lt;/restriction&gt;   &lt;/simpleType&gt; &lt;/element&gt; &lt;element name="determinationStageOthers"&gt;   &lt;simpleType&gt;     &lt;restriction base="string"&gt;       &lt;pattern value="true false"/&gt;     &lt;/restriction&gt;   &lt;/simpleType&gt; &lt;/element&gt;   &lt;element name="determinationStageRemarks" type="string" minOccurs="0" /&gt; &lt;/sequence&gt; &lt;/complexType&gt; &lt;/element&gt; </pre> |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd  |

### **Element animalReleased / determinationanimalReleaseStage / determinationStageAge**

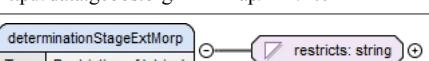
|                 |  |
|-----------------|--|
| Namespace       | http://data.gcoos.org/mmhmap/xml/1.0   |
| Diagram         |   |
| Type            | restriction of string  |
| Properties      | content: simple  |
| Facets          | pattern true false   |
| Source          | <pre> &lt;element name="determinationStageAge"&gt;   &lt;simpleType&gt;     &lt;restriction base="string"&gt;       &lt;pattern value="true false"/&gt;     &lt;/restriction&gt;   &lt;/simpleType&gt; &lt;/element&gt; </pre> |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd  |

### **Element animalReleased / determinationanimalReleaseStage / determinationStageAssocOffspring**

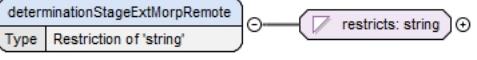
|           |                                      |
|-----------|--------------------------------------|
| Namespace | http://data.gcoos.org/mmhmap/xml/1.0 |
|-----------|--------------------------------------|

|                 |   |
|-----------------|---|
| Diagram         |    |
| Type            | restriction of string   |
| Properties      | content: simple   |
| Facets          | pattern true false  |
| Source          | <pre>&lt;element name="determinationStageAssocOffspring"&gt;   &lt;simpleType&gt;     &lt;restriction base="string"&gt;       &lt;pattern value="true false"/&gt;     &lt;/restriction&gt;   &lt;/simpleType&gt; &lt;/element&gt;</pre> |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd   |

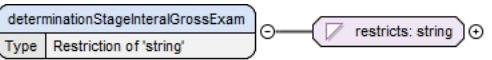
### **Element animalReleased / determinationanimalReleaseStage / determinationStageExtMorp**

|                 |  |
|-----------------|--|
| Namespace       | http://data.gcoos.org/mmhmap/xml/1.0   |
| Diagram         |   |
| Type            | restriction of string  |
| Properties      | content: simple  |
| Facets          | pattern true false   |
| Source          | <pre>&lt;element name="determinationStageExtMorp"&gt;   &lt;simpleType&gt;     &lt;restriction base="string"&gt;       &lt;pattern value="true false"/&gt;     &lt;/restriction&gt;   &lt;/simpleType&gt; &lt;/element&gt;</pre> |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd  |

### **Element animalReleased / determinationanimalReleaseStage / determinationStageExtMorpRemote**

|                 |  |
|-----------------|--|
| Namespace       | http://data.gcoos.org/mmhmap/xml/1.0   |
| Diagram         |   |
| Type            | restriction of string  |
| Properties      | content: simple  |
| Facets          | pattern true false   |
| Source          | <pre>&lt;element name="determinationStageExtMorpRemote"&gt;   &lt;simpleType&gt;     &lt;restriction base="string"&gt;       &lt;pattern value="true false"/&gt;     &lt;/restriction&gt;   &lt;/simpleType&gt; &lt;/element&gt;</pre> |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd  |

### **Element animalReleased / determinationanimalReleaseStage / determinationStageInteralGrossExam**

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

|                 |  |
|-----------------|--|
| Type            | restriction of string  |
| Properties      | content: simple  |
| Facets          | pattern true false   |
| Source          | <pre>&lt;element name="determinationStageInternalGrossExam"&gt;   &lt;simpleType&gt;     &lt;restriction base="string"&gt;       &lt;pattern value="true false"/&gt;     &lt;/restriction&gt;   &lt;/simpleType&gt; &lt;/element&gt;</pre> |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd  |

### Element animalReleased / determinationanimalReleaseStage / determinationStageUltrasound

|                 |   |
|-----------------|---|
| Namespace       | http://data.gcoos.org/mmhmap/xml/1.0  |
| Diagram         | <pre> classDiagram     class determinationStageUltrasound {         &lt;&lt;Type   Restriction of 'string'&gt;&gt;     }     determinationStageUltrasound --o &gt; string   </pre>  |
| Type            | restriction of string   |
| Properties      | content: simple   |
| Facets          | pattern true false  |
| Source          | <pre>&lt;element name="determinationStageUltrasound"&gt;   &lt;simpleType&gt;     &lt;restriction base="string"&gt;       &lt;pattern value="true false"/&gt;     &lt;/restriction&gt;   &lt;/simpleType&gt; &lt;/element&gt;</pre> |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd   |

### Element animalReleased / determinationanimalReleaseStage / determinationStageOthers

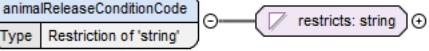
|                 |   |
|-----------------|---|
| Namespace       | http://data.gcoos.org/mmhmap/xml/1.0  |
| Diagram         | <pre> classDiagram     class determinationStageOthers {         &lt;&lt;Type   Restriction of 'string'&gt;&gt;     }     determinationStageOthers --o &gt; string   </pre>  |
| Type            | restriction of string   |
| Properties      | content: simple   |
| Facets          | pattern true false  |
| Source          | <pre>&lt;element name="determinationStageOthers"&gt;   &lt;simpleType&gt;     &lt;restriction base="string"&gt;       &lt;pattern value="true false"/&gt;     &lt;/restriction&gt;   &lt;/simpleType&gt; &lt;/element&gt;</pre> |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd   |

### Element animalReleased / determinationanimalReleaseStage / determinationStageRemarks

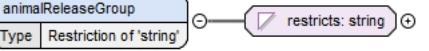
|           |   |
|-----------|---|
| Namespace | http://data.gcoos.org/mmhmap/xml/1.0  |
| Diagram   | <pre> classDiagram     class determinationStageRemarks {         &lt;&lt;Type   string&gt;&gt;     }     determinationStageRemarks --o &gt; string     string --&gt; note: Built-in primitive type. The string datatype represents character strings in XML.   </pre> |
| Type      | string  |

|                 |   |
|-----------------|---|
| Properties      | content: simple<br>minOccurs: 0   |
| Source          | <element name="determinationStageRemarks" type="string" minOccurs="0"/> |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd           |

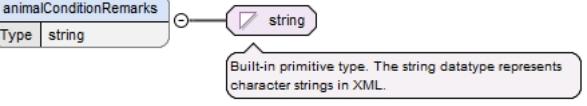
**Element animalReleased / animalReleaseConditionCode**

|                 |  |
|-----------------|--|
| Namespace       | http://data.gcoos.org/mmhmap/xml/1.0   |
| Diagram         |   |
| Type            | restriction of string  |
| Properties      | content: simple  |
| Facets          | pattern alive  fresh dead moderate decomposition advanced decomposition mummified/skeletal dead, condition unknown   |
| Source          | <element name="animalReleaseConditionCode"><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/animalRelease.xsd  |

**Element animalReleased / animalReleaseGroup**

|                 |  |
|-----------------|--|
| Namespace       | http://data.gcoos.org/mmhmap/xml/1.0   |
| Diagram         |   |
| Type            | restriction of string  |
| Properties      | content: simple  |
| Facets          | pattern singly with others   |
| Source          | <element name="animalReleaseGroup"><simpleType><restriction base="string"><pattern value="singly with others"/></restriction></simpleType></element> |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd  |

**Element animalReleased / animalConditionRemarks**

|            |   |
|------------|---|
| Namespace  | http://data.gcoos.org/mmhmap/xml/1.0  |
| Diagram    |  |
| Type       | string  |
| Properties | content: simple<br>minOccurs: 0   |
| Source     | <element name="animalConditionRemarks" type="string" minOccurs="0"/>                |

Schema location

file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd

**Element animalMorphometrics**

|             |  |
|-------------|--|
| Namespace   | http://data.gcoos.org/mmhmap/xml/1.0   |
| Annotations |  |
| Diagram     | <pre> classDiagram     class animalMorphometrics {         &lt;&lt;Morphometric details of the animal released&gt;&gt;     }     class morphometricsDate     class morphometricsTime     class morphometricsItem     class morphometricsItemRemarks     class morphometricsStandardLength     class morphometricsMaxGirth     class morphometricsBladderDepthSternal     class morphometricsBodyMass      animalMorphometrics "0..1" -- "0..1" morphometricsDate     animalMorphometrics "0..1" -- "0..1" morphometricsTime     animalMorphometrics "0..1" -- "0..1" morphometricsItem     animalMorphometrics "0..1" -- "0..1" morphometricsItemRemarks     animalMorphometrics "0..1" -- "0..1" morphometricsStandardLength     animalMorphometrics "0..1" -- "0..1" morphometricsMaxGirth     animalMorphometrics "0..1" -- "0..1" morphometricsBladderDepthSternal     animalMorphometrics "0..1" -- "0..1" morphometricsBodyMass   </pre>   |
| Properties  | content: complex   |
| Model       | morphometricsDate{0,1} , morphometricsTime{0,1} , morphometricsItem , morphometricsItemRemarks{0,1} , morphometricsStandardLength , morphometricsMaxGirth , morphometricsBladderDepthSternal , morphometricsBodyMass   |
| Children    | morphometricsBladderDepthSternal, morphometricsBodyMass, morphometricsDate, morphometricsItem, morphometricsItemRemarks, morphometricsMaxGirth, morphometricsStandardLength, morphometricsTime   |
| Instance    | <animalMorphometrics xmlns="http://data.gcoos.org/mmhmap/xml/1.0">   <morphometricsDate>{0,1}</morphometricsDate>   <morphometricsTime>{0,1}</morphometricsTime>   <morphometricsItem>{1,1}</morphometricsItem>   <morphometricsItemRemarks>{0,1}</morphometricsItemRemarks>   <morphometricsStandardLength>{1,1}</morphometricsStandardLength>   <morphometricsMaxGirth>{1,1}</morphometricsMaxGirth>   <morphometricsBladderDepthSternal>{1,1}</morphometricsBladderDepthSternal>   <morphometricsBodyMass>{1,1}</morphometricsBodyMass> </animalMorphometrics>  |
| Source      | <element name="animalMorphometrics">   <annotation>     <documentation>       <dc:description>Morphometric details of the animal released</dc:description>     </documentation>   </annotation>   <complexType>     <sequence>       <element name="morphometricsDate" type="date" minOccurs="0"/>       <element name="morphometricsTime" type="time" minOccurs="0"/>       <element name="morphometricsItem">         <simpleType>           <restriction base="string">             <pattern value="partial whole"/>           </restriction>         </simpleType>       </element>       <element name="morphometricsItemRemarks" type="string" minOccurs="0"/>       <element name="morphometricsStandardLength">         <complexType>           <sequence>             <element name="morphometricsStandardLengthMeasure" type="float" minOccurs="0"/>             <element name="morphometricsStandardLengthUnit" type="string" minOccurs="0"/>             <element name="morphometricsStandardLengthCertainty">               <simpleType>                 <restriction base="string">                   <pattern value="actual estimate"/>                 </restriction>               </simpleType>             </element>           </sequence>         </complexType>       </element>     </sequence>   </complexType> </element> |

|                 |  |
|-----------------|--|
|                 | <pre> &lt;element name="morphometricsMaxGirth"&gt;   &lt;complexType&gt;     &lt;sequence&gt;       &lt;element name="morphometricsMaxGirthMeasure" type="float" minOccurs="0"/&gt;       &lt;element name="morphometricsMaxGirthUnit" type="string" minOccurs="0"/&gt;       &lt;element name="morphometricsMaxGirthCertainty"&gt;         &lt;simpleType&gt;           &lt;restriction base="string"&gt;             &lt;pattern value="actual estimate"/&gt;           &lt;/restriction&gt;         &lt;/simpleType&gt;       &lt;/element&gt;     &lt;/sequence&gt;   &lt;/complexType&gt; &lt;/element&gt; &lt;element name="morphometricsBladderDepthSternal"&gt;   &lt;complexType&gt;     &lt;sequence&gt;       &lt;element name="morphometricsBladderDepthSternalMeasure" type="float" minOccurs="0"/&gt;       &lt;element name="morphometricsBladderDepthSternalUnit" type="string" minOccurs="0"/&gt;       &lt;element name="morphometricsBladderDepthSternalCertainty"&gt;         &lt;simpleType&gt;           &lt;restriction base="string"&gt;             &lt;pattern value="actual estimate"/&gt;           &lt;/restriction&gt;         &lt;/simpleType&gt;       &lt;/element&gt;     &lt;/sequence&gt;   &lt;/complexType&gt; &lt;/element&gt; &lt;element name="morphometricsBodyMass"&gt;   &lt;complexType&gt;     &lt;sequence&gt;       &lt;element name="morphometricsBodyMassMeasure" type="float" minOccurs="0"/&gt;       &lt;element name="morphometricsBodyMassUnit" type="string" minOccurs="0"/&gt;       &lt;element name="morphometricsBodyMassCertainty"&gt;         &lt;simpleType&gt;           &lt;restriction base="string"&gt;             &lt;pattern value="actual estimate"/&gt;           &lt;/restriction&gt;         &lt;/simpleType&gt;       &lt;/element&gt;     &lt;/sequence&gt;   &lt;/complexType&gt; &lt;/element&gt; &lt;/sequence&gt; &lt;/complexType&gt; &lt;/element&gt; </pre> |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd  |

### Element animalMorphometrics / morphometricsDate

|                 |   |          |        |            |   |
|-----------------|---|----------|--------|------------|---|
| Namespace       | http://data.gcoos.org/mmhmap/xml/1.0  |          |        |            |   |
| Diagram         | <p>MorphometricsDate</p> <p>Type   date</p> <p>Built-in primitive type. The date datatype represents a calendar date.</p> |          |        |            |   |
| Type            | date  |          |        |            |   |
| Properties      | <table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>        | content: | simple | minOccurs: | 0 |
| content:        | simple  |          |        |            |   |
| minOccurs:      | 0   |          |        |            |   |
| Source          | <element name="morphometricsDate" type="date" minOccurs="0"/>   |          |        |            |   |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd   |          |        |            |   |

### Element animalMorphometrics / morphometricsTime

|           |  |
|-----------|--|
| Namespace | http://data.gcoos.org/mmhmap/xml/1.0   |
| Diagram   | <p>MorphometricsTime</p> <p>Type   time</p> <p>Built-in primitive type. The time datatype represents an instant of time that recurs every day.</p> |

|                 |   |
|-----------------|---|
| Type            | time  |
| Properties      | content: simple<br>minOccurs: 0                               |
| Source          | <element name="morphometricsTime" type="time" minOccurs="0"/> |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd |

### Element animalMorphometrics / morphometricsItem

|                 |  |
|-----------------|--|
| Namespace       | http://data.gcoos.org/mmhmap/xml/1.0   |
| Diagram         | <pre> classDiagram     class morphometricsItem {         &lt;&lt;restriction of 'string'&gt;&gt;     }   </pre>  |
| Type            | restriction of string  |
| Properties      | content: simple  |
| Facets          | pattern partial whole  |
| Source          | <element name="morphometricsItem">   <simpleType>     <restriction base="string">       <pattern value="partial whole"/>     </restriction>   </simpleType> </element> |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd  |

### Element animalMorphometrics / morphometricsItemRemarks

|                 |  |
|-----------------|--|
| Namespace       | http://data.gcoos.org/mmhmap/xml/1.0   |
| Diagram         | <pre> classDiagram     class morphometricsItemRemarks {         &lt;&lt;string&gt;&gt;     }   </pre> <p>Built-in primitive type. The string datatype represents character strings in XML.</p> |
| Type            | string   |
| Properties      | content: simple<br>minOccurs: 0  |
| Source          | <element name="morphometricsItemRemarks" type="string" minOccurs="0"/>   |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd  |

### Element animalMorphometrics / morphometricsStandardLength

|            |  |
|------------|--|
| Namespace  | http://data.gcoos.org/mmhmap/xml/1.0   |
| Diagram    | <pre> classDiagram     class morphometricsStandardLength {         &lt;&lt;morphometricsStandardLengthMeasure&gt;&gt;         &lt;&lt;morphometricsStandardLengthUnit&gt;&gt;         &lt;&lt;morphometricsStandardLengthCertainty&gt;&gt;     }   </pre>  |
| Properties | content: complex   |
| Model      | morphometricsStandardLengthMeasure{0,1} , morphometricsStandardLengthUnit{0,1} , morphometricsStandardLengthCertainty  |
| Children   | morphometricsStandardLengthCertainty, morphometricsStandardLengthMeasure, morphometricsStandardLengthUnit  |
| Instance   | <morphometricsStandardLength xmlns="http://data.gcoos.org/mmhmap/xml/1.0">   <morphometricsStandardLengthMeasure>{0,1}</morphometricsStandardLengthMeasure>   <morphometricsStandardLengthUnit>{0,1}</morphometricsStandardLengthUnit>   <morphometricsStandardLengthCertainty>{1,1}</morphometricsStandardLengthCertainty> </morphometricsStandardLength> |

|                 |  |
|-----------------|--|
| Source          | <pre>&lt;element name="morphometricsStandardLength"&gt;   &lt;complexType&gt;     &lt;sequence&gt;       &lt;element name="morphometricsStandardLengthMeasure" type="float" minOccurs="0"/&gt;       &lt;element name="morphometricsStandardLengthUnit" type="string" minOccurs="0"/&gt;       &lt;element name="morphometricsStandardLengthCertainty"&gt;         &lt;simpleType&gt;           &lt;restriction base="string"&gt;             &lt;pattern value="actual estimate"/&gt;           &lt;/restriction&gt;         &lt;/simpleType&gt;       &lt;/element&gt;     &lt;/sequence&gt;   &lt;/complexType&gt; &lt;/element&gt;</pre> |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd  |

### Element animalMorphometrics / morphometricsStandardLength / morphometricsStandardLengthMeasure

|                 |  |          |        |            |   |
|-----------------|--|----------|--------|------------|---|
| Namespace       | http://data.gcoos.org/mmhmap/xml/1.0   |          |        |            |   |
| Diagram         |  |          |        |            |   |
| Type            | float  |          |        |            |   |
| Properties      | <table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table> | content: | simple | minOccurs: | 0 |
| content:        | simple   |          |        |            |   |
| minOccurs:      | 0  |          |        |            |   |
| Source          | <element name="morphometricsStandardLengthMeasure" type="float" minOccurs="0"/>                                    |          |        |            |   |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd  |          |        |            |   |

### Element animalMorphometrics / morphometricsStandardLength / morphometricsStandardLengthUnit

|                 |  |          |        |            |   |
|-----------------|--|----------|--------|------------|---|
| Namespace       | http://data.gcoos.org/mmhmap/xml/1.0   |          |        |            |   |
| Diagram         |  |          |        |            |   |
| Type            | string   |          |        |            |   |
| Properties      | <table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table> | content: | simple | minOccurs: | 0 |
| content:        | simple   |          |        |            |   |
| minOccurs:      | 0  |          |        |            |   |
| Source          | <element name="morphometricsStandardLengthUnit" type="string" minOccurs="0"/>                                      |          |        |            |   |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd  |          |        |            |   |

### Element animalMorphometrics / morphometricsStandardLength / morphometricsStandardLengthCertainty

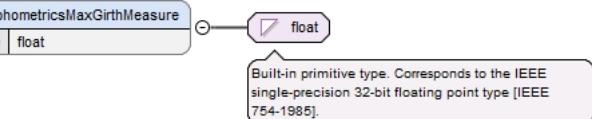
|            |  |          |        |
|------------|--|----------|--------|
| Namespace  | http://data.gcoos.org/mmhmap/xml/1.0                                     |          |        |
| Diagram    |  |          |        |
| Type       | restriction of string  |          |        |
| Properties | <table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> </table> | content: | simple |
| content:   | simple   |          |        |
| Facets     | pattern actual estimate  |          |        |
| Source     | <element name="morphometricsStandardLengthCertainty">                    |          |        |

|                 |  |
|-----------------|--|
|                 | <pre> &lt;simpleType&gt;   &lt;restriction base="string"&gt;     &lt;pattern value="actual estimate"/&gt;   &lt;/restriction&gt; &lt;/simpleType&gt; &lt;/element&gt; </pre> |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd  |

**Element animalMorphometrics / morphometricsMaxGirth**

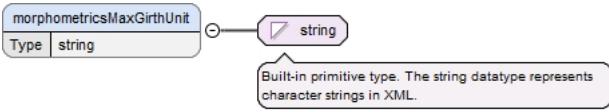
|                 |  |
|-----------------|--|
| Namespace       | http://data.gcoos.org/mmhmap/xml/1.0   |
| Diagram         | <pre> classDiagram     class morphometricsMaxGirth {         &lt;&lt;complexType&gt;&gt;         &lt;&lt;sequence&gt;&gt;             &lt;&lt;element name="morphometricsMaxGirthMeasure" type="float" minOccurs="0"/&gt;&gt;             &lt;&lt;element name="morphometricsMaxGirthUnit" type="string" minOccurs="0"/&gt;&gt;             &lt;&lt;element name="morphometricsMaxGirthCertainty" type="Restriction of 'string'" minOccurs="0"/&gt;&gt;         &lt;/sequence&gt;     } </pre>   |
| Properties      | content: complex   |
| Model           | morphometricsMaxGirthMeasure{0,1} , morphometricsMaxGirthUnit{0,1} , morphometricsMaxGirthCertainty  |
| Children        | morphometricsMaxGirthCertainty, morphometricsMaxGirthMeasure, morphometricsMaxGirthUnit  |
| Instance        | <pre> &lt;morphometricsMaxGirth xmlns="http://data.gcoos.org/mmhmap/xml/1.0"&gt;   &lt;morphometricsMaxGirthMeasure&gt;{0,1}&lt;/morphometricsMaxGirthMeasure&gt;   &lt;morphometricsMaxGirthUnit&gt;{0,1}&lt;/morphometricsMaxGirthUnit&gt;   &lt;morphometricsMaxGirthCertainty&gt;{1,1}&lt;/morphometricsMaxGirthCertainty&gt; &lt;/morphometricsMaxGirth&gt; </pre>  |
| Source          | <pre> &lt;element name="morphometricsMaxGirth"&gt;   &lt;complexType&gt;     &lt;sequence&gt;       &lt;element name="morphometricsMaxGirthMeasure" type="float" minOccurs="0"/&gt;       &lt;element name="morphometricsMaxGirthUnit" type="string" minOccurs="0"/&gt;       &lt;element name="morphometricsMaxGirthCertainty"&gt;         &lt;simpleType&gt;           &lt;restriction base="string"&gt;             &lt;pattern value="actual estimate"/&gt;           &lt;/restriction&gt;         &lt;/simpleType&gt;       &lt;/element&gt;     &lt;/sequence&gt;   &lt;/complexType&gt; &lt;/element&gt; </pre> |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd  |

**Element animalMorphometrics / morphometricsMaxGirth / morphometricsMaxGirthMeasure**

|                 |  |
|-----------------|--|
| Namespace       | http://data.gcoos.org/mmhmap/xml/1.0   |
| Diagram         |  <pre> classDiagram     class morphometricsMaxGirthMeasure {         &lt;&lt;float&gt;&gt;     } </pre> |
| Type            | float  |
| Properties      | content: simple<br>minOccurs: 0  |
| Source          | <pre> &lt;element name="morphometricsMaxGirthMeasure" type="float" minOccurs="0"/&gt; </pre>   |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd  |

**Element animalMorphometrics / morphometricsMaxGirth / morphometricsMaxGirthUnit**

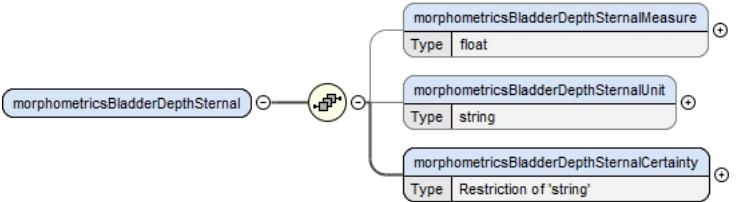
|           |                                      |
|-----------|--------------------------------------|
| Namespace | http://data.gcoos.org/mmhmap/xml/1.0 |
|-----------|--------------------------------------|

|                 |  |          |        |            |   |
|-----------------|--|----------|--------|------------|---|
| Diagram         |                                   |          |        |            |   |
| Type            | string   |          |        |            |   |
| Properties      | <table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table> | content: | simple | minOccurs: | 0 |
| content:        | simple   |          |        |            |   |
| minOccurs:      | 0  |          |        |            |   |
| Source          | <element name="morphometricsMaxGirthUnit" type="string" minOccurs="0"/>  |          |        |            |   |
| Schema location | file:/C:/Users/fgayaniilo/Desktop/MMHMAP/xsd/animalRelease.xsd   |          |        |            |   |

### Element animalMorphometrics / morphometricsMaxGirth / morphometricsMaxGirthCertainty

|                 |  |          |        |
|-----------------|--|----------|--------|
| Namespace       | http://data.gcoos.org/mmhmap/xml/1.0   |          |        |
| Diagram         |   |          |        |
| Type            | restriction of string  |          |        |
| Properties      | <table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> </table>   | content: | simple |
| content:        | simple   |          |        |
| Facets          | pattern actual estimate  |          |        |
| Source          | <pre>&lt;element name="morphometricsMaxGirthCertainty"&gt;   &lt;simpleType&gt;     &lt;restriction base="string"&gt;       &lt;pattern value="actual estimate"/&gt;     &lt;/restriction&gt;   &lt;/simpleType&gt; &lt;/element&gt;</pre> |          |        |
| Schema location | file:/C:/Users/fgayaniilo/Desktop/MMHMAP/xsd/animalRelease.xsd   |          |        |

### Element animalMorphometrics / morphometricsBladderDepthSternal

|            |  |          |         |
|------------|--|----------|---------|
| Namespace  | http://data.gcoos.org/mmhmap/xml/1.0   |          |         |
| Diagram    |    |          |         |
| Properties | <table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> </table>  | content: | complex |
| content:   | complex  |          |         |
| Model      | morphometricsBladderDepthSternalMeasure{0,1} , morphometricsBladderDepthSternalUnit{0,1} , morphometricsBladderDepthSternalCertainty   |          |         |
| Children   | morphometricsBladderDepthSternalCertainty, morphometricsBladderDepthSternalMeasure, morphometricsBladderDepthSternalUnit   |          |         |
| Instance   | <pre>&lt;morphometricsBladderDepthSternal xmlns="http://data.gcoos.org/mmhmap/xml/1.0"&gt;   &lt;morphometricsBladderDepthSternalMeasure&gt;{0,1}&lt;/morphometricsBladderDepthSternalMeasure&gt;   &lt;morphometricsBladderDepthSternalUnit&gt;{0,1}&lt;/morphometricsBladderDepthSternalUnit&gt;   &lt;morphometricsBladderDepthSternalCertainty&gt;{1,1}&lt;/morphometricsBladderDepthSternalCertainty&gt; &lt;/morphometricsBladderDepthSternal&gt;</pre>  |          |         |
| Source     | <pre>&lt;element name="morphometricsBladderDepthSternal"&gt;   &lt;complexType&gt;     &lt;sequence&gt;       &lt;element name="morphometricsBladderDepthSternalMeasure" type="float" minOccurs="0"/&gt;       &lt;element name="morphometricsBladderDepthSternalUnit" type="string" minOccurs="0"/&gt;       &lt;element name="morphometricsBladderDepthSternalCertainty"&gt;         &lt;simpleType&gt;           &lt;restriction base="string"&gt;             &lt;pattern value="actual estimate"/&gt;           &lt;/restriction&gt;         &lt;/simpleType&gt;       &lt;/element&gt;     &lt;/sequence&gt;   &lt;/complexType&gt; &lt;/element&gt;</pre> |          |         |

|                 |   |
|-----------------|---|
|                 | <pre> &lt;/sequence&gt; &lt;/complexType&gt; &lt;/element&gt;</pre> |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd       |

### **Element animalMorphometrics / morphometricsBladderDepthSternal / morphometricsBladderDepthSternalMeasure**

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

### **Element animalMorphometrics / morphometricsBladderDepthSternal / morphometricsBladderDepthSternalUnit**

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

### **Element animalMorphometrics / morphometricsBladderDepthSternal / morphometricsBladderDepthSternalCertainty**

|                 |  |
|-----------------|--|
| Namespace       | http://data.gcoos.org/mmhmap/xml/1.0   |
| Diagram         |  |
| Type            | restriction of string  |
| Properties      | content: simple  |
| Facets          | pattern actual estimate  |
| Source          | <pre> &lt;element name="morphometricsBladderDepthSternalCertainty"&gt;   &lt;simpleType&gt;     &lt;restriction base="string"&gt;       &lt;pattern value="actual estimate"/&gt;     &lt;/restriction&gt;   &lt;/simpleType&gt; &lt;/element&gt;</pre> |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd  |

### **Element animalMorphometrics / morphometricsBodyMass**

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

|                 |  |
|-----------------|--|
| Diagram         |  |
| Properties      | content: complex   |
| Model           | morphometricsBodyMassMeasure{0,1} , morphometricsBodyMassUnit{0,1} , morphometricsBodyMassCertainty  |
| Children        | morphometricsBodyMassCertainty, morphometricsBodyMassMeasure, morphometricsBodyMassUnit  |
| Instance        | <morphometricsBodyMass xmlns="http://data.gcoos.org/mmhmap/xml/1.0"><morphometricsBodyMassMeasure>{0,1}</morphometricsBodyMassMeasure><morphometricsBodyMassUnit>{0,1}</morphometricsBodyMassUnit><morphometricsBodyMassCertainty>{1,1}</morphometricsBodyMassCertainty></morphometricsBodyMass>   |
| Source          | <pre>&lt;element name="morphometricsBodyMass"&gt;   &lt;complexType&gt;     &lt;sequence&gt;       &lt;element name="morphometricsBodyMassMeasure" type="float" minOccurs="0"/&gt;       &lt;element name="morphometricsBodyMassUnit" type="string" minOccurs="0"/&gt;       &lt;element name="morphometricsBodyMassCertainty"&gt;         &lt;simpleType&gt;           &lt;restriction base="string"&gt;             &lt;pattern value="actual estimate"/&gt;           &lt;/restriction&gt;         &lt;/simpleType&gt;       &lt;/element&gt;     &lt;/sequence&gt;   &lt;/complexType&gt; &lt;/element&gt;</pre> |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd  |

### Element animalMorphometrics / morphometricsBodyMass / morphometricsBodyMassMeasure

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

### Element animalMorphometrics / morphometricsBodyMass / morphometricsBodyMassUnit

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

**Element animalMorphometrics / morphometricsBodyMass / morphometricsBodyMassCertainty**

|                 |  |
|-----------------|--|
| Namespace       | http://data.gcoos.org/mmhmap/xml/1.0   |
| Diagram         | <pre> classDiagram     class morphometricsBodyMassCertainty {         Type     }     morphometricsBodyMassCertainty "0..1" -- "1..1" restricts: string   </pre>  |
| Type            | restriction of string  |
| Properties      | content: simple  |
| Facets          | pattern actual estimate  |
| Source          | <pre> &lt;element name="morphometricsBodyMassCertainty"&gt;   &lt;simpleType&gt;     &lt;restriction base="string"&gt;       &lt;pattern value="actual estimate"/&gt;     &lt;/restriction&gt;   &lt;/simpleType&gt; &lt;/element&gt;   </pre> |
| Schema location | file:/C:/Users/fgayanilo/Desktop/MMHMAP/xsd/animalRelease.xsd  |