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ICS

WW

中华人民共和国文物保护行业标准

WW/T XXXXX—XXXX

文物元数据 XML Schema

Cultural Relic Metadata XML Schema

（征求意见稿）

（本稿完成日期：2017-03-17）

XXXX－XX－XX 发布   XXXX－XX－XX 实施

中华人民共和国国家文物局   发 布

说　　明

XML SCHEMA文档严格来说不能作为独立文档存在，而是作为元数据标准的配套文件，用于验证XML实例的合法性及准确性，即XML实例是否符合元数据标准及其应用指南中所描述的约束条件，包括检查实例中所有的元素和属性。因此，我们建议暂不将XML SCHEMA文档作为独立的标准文件进行备案，而是作为各类元数据标准的配套文件继续进行开发。

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<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns="http://www.nlc.cn/relicCore/XMLSchema"
targetNamespace="http://www.nlc.cn/relicCore/XMLSchema"          elementFormDefault="qualified"
attributeFormDefault="unqualified">
     <xs:include schemaLocation="relicCore.xsd"/>
     <xs:element name="relicCoreMetadata" type="relicCoreMetadataType">
          <xs:annotation>
                <xs:documentation>文物核心元数据</xs:documentation>
          </xs:annotation>
     </xs:element>
     <xs:complexType name="relicCoreMetadataType">
          <xs:sequence>
                <xs:element name="workType" type="workTypeType" maxOccurs="unbounded">
                     <xs:annotation>
                          <xs:documentation>文物类型</xs:documentation>
                     </xs:annotation>
                </xs:element>
                <xs:element name="title" type="titleType" maxOccurs="unbounded">
                     <xs:annotation>
                          <xs:documentation>名称</xs:documentation>
                     </xs:annotation>
                </xs:element>
                <xs:element name="identifier" type="identifierType">
                     <xs:annotation>
                          <xs:documentation>文物识别号</xs:documentation>
                     </xs:annotation>
                </xs:element>
                <xs:element        name="currentLocation"        type="currentLocationType"        minOccurs="0"
maxOccurs="unbounded">
                     <xs:annotation>
                          <xs:documentation>所在位置</xs:documentation>
                     </xs:annotation>
                </xs:element>
                <xs:element name="creation" type="creationType" minOccurs="0" maxOccurs="unbounded">
                     <xs:annotation>
                          <xs:documentation>创作</xs:documentation>
                     </xs:annotation>
                </xs:element>
                <xs:element name="materials" type="xs:string" minOccurs="1" maxOccurs="unbounded">
                     <xs:annotation>
                          <xs:documentation>材质</xs:documentation>
                     </xs:annotation>
                </xs:element>
                <xs:element name="techniques" type="xs:string" minOccurs="1" maxOccurs="unbounded">
                     <xs:annotation>
                          <xs:documentation>工艺技法</xs:documentation>
                     </xs:annotation>
                </xs:element>
                <xs:element        name="measurements"        type="measurementsType"        minOccurs="0"
maxOccurs="1">
                     <xs:annotation>
                          <xs:documentation>计量</xs:documentation>
                     </xs:annotation>
                </xs:element>
                <xs:element name="description" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                     <xs:annotation>
                          <xs:documentation>描述</xs:documentation>
                     </xs:annotation>
```

```xml
		</xs:element>
		<xs:element          name="inscriptions_marks"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
			<xs:annotation>
				<xs:documentation>题识/标记</xs:documentation>
			</xs:annotation>
		</xs:element>
		<xs:element name="subject" type="xs:string" minOccurs="1" maxOccurs="unbounded">
			<xs:annotation>
				<xs:documentation>主题</xs:documentation>
			</xs:annotation>
		</xs:element>
		<xs:element          name="archaeologicalInformation"          type="archaeologicalInformationType"
minOccurs="0" maxOccurs="unbounded">
			<xs:annotation>
				<xs:documentation>考古发掘</xs:documentation>
			</xs:annotation>
		</xs:element>
		<xs:element name="level" type="levelType" minOccurs="0" maxOccurs="unbounded">
			<xs:annotation>
				<xs:documentation>级别</xs:documentation>
			</xs:annotation>
		</xs:element>
		<xs:element          name="currentCondition"          type="currentConditionType"          minOccurs="0"
maxOccurs="1">
			<xs:annotation>
				<xs:documentation>现状</xs:documentation>
			</xs:annotation>
		</xs:element>
		<xs:element name="source" type="sourceType" minOccurs="0" maxOccurs="1">
			<xs:annotation>
				<xs:documentation>来源</xs:documentation>
			</xs:annotation>
		</xs:element>
		<xs:element          name="copyrightOrRestrictions"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
			<xs:annotation>
				<xs:documentation>权限</xs:documentation>
			</xs:annotation>
		</xs:element>
		<xs:element          name="exhibitionOrLoanHistory"          type="exhibitionOrLoanHistoryType"
minOccurs="0" maxOccurs="unbounded">
			<xs:annotation>
				<xs:documentation>展览/借展史</xs:documentation>
			</xs:annotation>
		</xs:element>
		<xs:element          name="relatedDigitalResources"          type="relatedDigitalResourcesType"
minOccurs="0" maxOccurs="unbounded">
			<xs:annotation>
				<xs:documentation>数字对象</xs:documentation>
			</xs:annotation>
		</xs:element>
		<xs:element          name="relatedWorks"          type="relatedWorksType"          minOccurs="0"
maxOccurs="unbounded">
			<xs:annotation>
				<xs:documentation>相关文物</xs:documentation>
			</xs:annotation>
		</xs:element>
		<xs:element    name="relatedKnowledge"    type="relatedKnowledgeType"    minOccurs="0"
maxOccurs="unbounded">
			<xs:annotation>
				<xs:documentation>相关知识</xs:documentation>
			</xs:annotation>
```

```
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:schema>
```

2 古籍元数据 XML Schema

```xml
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns="http://www.nlc.cn/relicCore/XMLSchema"
targetNamespace="http://www.nlc.cn/relicCore/XMLSchema"                    elementFormDefault="qualified"
attributeFormDefault="unqualified">
    <xs:include schemaLocation="relicCore.xsd"/>
    <xs:element name="ancientBooksMetadata" type="ancientBooksMetadataType">
        <xs:annotation>
            <xs:documentation>可移动文物古籍类专门元数据</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:complexType name="ancientBooksMetadataType">
        <xs:sequence>
            <xs:element name="workType" type="workTypeType" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>文物类型</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="title" type="titleType" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>名称</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="identifier" type="identifierType">
                <xs:annotation>
                    <xs:documentation>文物识别号</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element      name="currentLocation"      type="currentLocationType"      minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>所在位置</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="creation" type="creationType2" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>创作</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="materials" type="xs:string" minOccurs="1" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>材质</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="techniques" type="xs:string" minOccurs="1" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>工艺技法</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element      name="measurements"      type="measurementsType2"      minOccurs="0"
maxOccurs="1">
                <xs:annotation>
                    <xs:documentation>计量</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element          name="description"          type="descriptionType2"          minOccurs="0"
maxOccurs="unbounded">
```

```xml
                    <xs:annotation>
                        <xs:documentation>描述</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="inscriptionsOrMarks" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>题识/标记</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="subject" type="xs:string" minOccurs="1" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>主题</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="archaeologicalInformation" type="archaeologicalInformationType" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>考古发掘</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="level" type="levelType" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>级别</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="currentCondition" type="currentConditionType" minOccurs="0" maxOccurs="1">
                    <xs:annotation>
                        <xs:documentation>现状</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="source" type="sourceType" minOccurs="0" maxOccurs="1">
                    <xs:annotation>
                        <xs:documentation>来源</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="copyrightOrRestrictions" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>权限</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="exhibitionOrLoanHistory" type="exhibitionOrLoanHistoryType" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>展览/借展史</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="relatedDigitalResources" type="relatedDigitalResourcesType" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>数字对象</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="relatedWorks" type="relatedWorksType" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>相关文物</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="relatedKnowledge" type="relatedKnowledgeType" minOccurs="0" maxOccurs="unbounded">
```

```xml
                    <xs:annotation>
                        <xs:documentation>相关知识</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element       name="editionType"       type="editionTypeType"       minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>版本类型</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element        name="published"        type="publishedType"        minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>出版发行</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="textLanguage" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>内容语种</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="provenance" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>流传经历</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="creationType2">
            <xs:annotation>
                <xs:documentation>创作</xs:documentation>
            </xs:annotation>
            <xs:sequence>
                <xs:element name="creators" minOccurs="0" maxOccurs="unbounded">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element        name="creator"        type="xs:string"        minOccurs="1"
maxOccurs="unbounded">
                                <xs:annotation>
                                    <xs:documentation>创作者</xs:documentation>
                                </xs:annotation>
                            </xs:element>
                            <xs:element        name="role"        type="xs:string"        minOccurs="1"
maxOccurs="unbounded">
                                <xs:annotation>
                                    <xs:documentation>创作方式</xs:documentation>
                                </xs:annotation>
                            </xs:element>
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
                <xs:element name="creationDate" type="DateType" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>创作时间</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="creationPlace" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>创作地点</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
```

```xml
<xs:complexType name="measurementsType2">
    <xs:annotation>
        <xs:documentation>计量</xs:documentation>
    </xs:annotation>
    <xs:sequence>
        <xs:element name="measurementsDescription" type="xs:string" minOccurs="1" maxOccurs="unbounded"/>
        <xs:element name="dimensions" type="xs:string" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>尺寸</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="binding" type="xs:string" minOccurs="0" maxOccurs="1">
            <xs:annotation>
                <xs:documentation>装订方式</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="mass" type="xs:string" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>质量</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="quantity" type="xs:string" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>数量</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="accompanyingMaterial" type="xs:string" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>附件</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="descriptionType2">
    <xs:annotation>
        <xs:documentation>描述</xs:documentation>
    </xs:annotation>
    <xs:sequence>
        <xs:element name="mainDescription" type="xs:string" minOccurs="0" maxOccurs="unbounded"/>
        <xs:element name="editionDescription" type="xs:string" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>版本特征</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="seriesDescription" type="xs:string" minOccurs="0" maxOccurs="1">
            <xs:annotation>
                <xs:documentation>丛编说明</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="sub-seriesDescription" type="xs:string" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>子目说明</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="appendix" type="xs:string" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>附录说明</xs:documentation>
            </xs:annotation>
```

```xml
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="editionTypeType">
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                <xs:documentation>版本类型</xs:documentation>
            </xs:annotation>
            <xs:sequence>
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                        <xs:documentation>版本类型说明</xs:documentation>
                    </xs:annotation>
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        </xs:complexType>
        <xs:complexType name="publishedType">
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                <xs:documentation>出版发行</xs:documentation>
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            <xs:sequence>
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                        <xs:documentation>出版者</xs:documentation>
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                </xs:element>
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                        <xs:documentation>出版地点</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="issued" type="DateType" minOccurs="0" maxOccurs="unbounded">
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                        <xs:documentation>出版时间</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="printer" type="xs:string" minOccurs="0" maxOccurs="unbounded">
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                        <xs:documentation>印刷者</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="printedPlace" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>印刷地点</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="printedDate" type="DateType" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>印刷时间</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
</xs:schema>
```

3 古建筑类文物元数据 XML Schema

```xml
<?xml version="1.0" encoding="UTF-8"?>
<!-- 被 2012 () 使用 XMLSpy v 编辑的 (http://www.altova.com) by -->
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns="http://www.nlc.cn/relicCore/XMLSchema"
targetNamespace="http://www.nlc.cn/relicCore/XMLSchema"                elementFormDefault="qualified"
attributeFormDefault="unqualified">
    <xs:include schemaLocation="relicCore.xsd"/>
    <xs:element name="ancientBuildingMetadata" type="ancientBuildingMetadataType">
        <xs:annotation>
            <xs:documentation>不可移动文物古建筑类专门元数据</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:complexType name="ancientBuildingMetadataType">
        <xs:sequence>
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                </xs:annotation>
            </xs:element>
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                    <xs:documentation>名称</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="identifier" type="identifierType">
                <xs:annotation>
                    <xs:documentation>文物识别号</xs:documentation>
                </xs:annotation>
            </xs:element>
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maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>所在位置</xs:documentation>
                </xs:annotation>
            </xs:element>
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                    <xs:documentation>建造</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="materials" type="xs:string" minOccurs="1" maxOccurs="unbounded">
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                    <xs:documentation>材质</xs:documentation>
                </xs:annotation>
            </xs:element>
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                    <xs:documentation>技法</xs:documentation>
                </xs:annotation>
            </xs:element>
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maxOccurs="1">
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                    <xs:documentation>测量信息</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="description" type="xs:string" minOccurs="0" maxOccurs="unbounded">
```

```xml
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                        <xs:documentation>描述</xs:documentation>
                    </xs:annotation>
                </xs:element>
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maxOccurs="unbounded">
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                    </xs:annotation>
                </xs:element>
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                    </xs:annotation>
                </xs:element>
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                    <xs:annotation>
                        <xs:documentation>级别</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element          name="currentCondition"          type="currentConditionType"          minOccurs="0"
maxOccurs="1">
                    <xs:annotation>
                        <xs:documentation>现状</xs:documentation>
                    </xs:annotation>
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                        <xs:documentation>权限</xs:documentation>
                    </xs:annotation>
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                    <xs:annotation>
                        <xs:documentation>数字对象</xs:documentation>
                    </xs:annotation>
                </xs:element>
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maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>相关文物</xs:documentation>
                    </xs:annotation>
                </xs:element>
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maxOccurs="unbounded">
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                        <xs:documentation>相关知识</xs:documentation>
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                    </xs:annotation>
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                        <xs:documentation>布局</xs:documentation>
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                        <xs:documentation>局部</xs:documentation>
```

```
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            </xs:annotation>
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                        <xs:documentation>坐标</xs:documentation>
                    </xs:annotation>
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                    </xs:annotation>
                </xs:element>
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        </xs:complexType>
        <xs:complexType name="creationType2">
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            </xs:annotation>
            <xs:sequence>
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                        <xs:documentation>设计者/建造者</xs:documentation>
                    </xs:annotation>
                </xs:element>
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                        <xs:documentation>始建年代</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="damagedDate" type="DateType" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>损毁年代</xs:documentation>
                    </xs:annotation>
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                    <xs:annotation>
                        <xs:documentation>复建/增建年代</xs:documentation>
                    </xs:annotation>
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                        <xs:documentation>维修年代</xs:documentation>
                    </xs:annotation>
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            </xs:sequence>
        </xs:complexType>
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                <xs:documentation>测量信息</xs:documentation>
            </xs:annotation>
            <xs:sequence>
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maxOccurs="unbounded"/>
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```

```
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                    </xs:annotation>
            </xs:element>
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                            <xs:documentation>面积</xs:documentation>
                    </xs:annotation>
            </xs:element>
            <xs:element name="quantity" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                            <xs:documentation>数量</xs:documentation>
                    </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="copyrightOrRestrictionsType2">
        <xs:annotation>
            <xs:documentation>权限</xs:documentation>
        </xs:annotation>
        <xs:sequence>
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maxOccurs="unbounded"/>
            <xs:element name="ownership" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                            <xs:documentation>所有权</xs:documentation>
                    </xs:annotation>
            </xs:element>
            <xs:element name="administration" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                            <xs:documentation>管理机构</xs:documentation>
                    </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:schema>
```

4 古墓葬类文物元数据 XML Schema

```xml
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns="http://www.nlc.cn/relicCore/XMLSchema"
targetNamespace="http://www.nlc.cn/relicCore/XMLSchema"          elementFormDefault="qualified"
attributeFormDefault="unqualified">
    <xs:include schemaLocation="relicCore.xsd"/>
    <xs:element name="ancientTombMetadata" type="ancientTombMetadataType">
        <xs:annotation>
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        </xs:annotation>
    </xs:element>
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                </xs:annotation>
            </xs:element>
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                </xs:annotation>
            </xs:element>
            <xs:element name="identifier" type="identifierType">
                <xs:annotation>
                    <xs:documentation>文物识别号</xs:documentation>
                </xs:annotation>
            </xs:element>
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maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>所在位置</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="creation" type="creationType2" minOccurs="0" maxOccurs="unbounded">
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                    <xs:documentation>创建</xs:documentation>
                </xs:annotation>
            </xs:element>
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maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>材质</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element     name="measurements"     type="measurementsType2"     minOccurs="0"
maxOccurs="1">
                <xs:annotation>
                    <xs:documentation>测量（规格）</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="description" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>描述</xs:documentation>
                </xs:annotation>
            </xs:element>
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```

```
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            </xs:annotation>
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                <xs:documentation>主题</xs:documentation>
            </xs:annotation>
        </xs:element>
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                <xs:documentation>考古发掘</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="level" type="levelType2" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>级别</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element    name="currentCondition"    type="currentConditionType2"    minOccurs="0"
maxOccurs="1">
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            </xs:annotation>
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                <xs:documentation>来源</xs:documentation>
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                <xs:documentation>权限</xs:documentation>
            </xs:annotation>
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            </xs:annotation>
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```

```
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            </xs:annotation>
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                    </xs:annotation>
```

```
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            </xs:annotation>
            <xs:sequence>
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                        <xs:documentation>创建者/设计者/建造者</xs:documentation>
                    </xs:annotation>
                </xs:element>
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maxOccurs="unbounded">
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                    </xs:annotation>
                </xs:element>
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                    </xs:annotation>
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```

```
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                </xs:annotation>
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                </xs:annotation>
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        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="archaeologicalInformationType2">
        <xs:annotation>
            <xs:documentation>考古发掘</xs:documentation>
        </xs:annotation>
        <xs:sequence>
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maxOccurs="unbounded"/>
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maxOccurs="unbounded">
```

```
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                </xs:element>
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                        <xs:documentation>发掘者</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element          name="archaeologicalCulture"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>考古文化</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="levelType2">
            <xs:annotation>
                <xs:documentation>级别</xs:documentation>
            </xs:annotation>
            <xs:sequence>
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maxOccurs="unbounded"/>
                <xs:element          name="authorizedDate"          type="DateType"          minOccurs="0"
maxOccurs="unbounded">
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                        <xs:documentation>认定时间</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element          name="worldCulturalHeritage"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>世界文化遗产</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="currentConditionType2">
            <xs:annotation>
                <xs:documentation>现状</xs:documentation>
            </xs:annotation>
            <xs:sequence>
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maxOccurs="unbounded"/>
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maxOccurs="1">
                    <xs:annotation>
                        <xs:documentation>完残程度</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element          name="conservationStatus"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
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                        <xs:documentation>保存状况</xs:documentation>
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                </xs:element>
```

```xml
            <xs:element          name="statusAssessment"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
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                        <xs:documentation>现状评估</xs:documentation>
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maxOccurs="unbounded">
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                        <xs:documentation>现状描述</xs:documentation>
                    </xs:annotation>
            </xs:element>
            <xs:element name="priority" type="priorityType" minOccurs="0" maxOccurs="1">
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                        <xs:documentation>保护优先等级</xs:documentation>
                    </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="copyrightOrRestrictionsType2">
        <xs:annotation>
            <xs:documentation>权限</xs:documentation>
        </xs:annotation>
        <xs:sequence>
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                    </xs:annotation>
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                    </xs:annotation>
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                        <xs:documentation>使用者</xs:documentation>
                    </xs:annotation>
            </xs:element>
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                    </xs:annotation>
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        </xs:annotation>
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```

```xml
                    <xs:documentation>数字对象关系类型</xs:documentation>
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```xml
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            </xs:annotation>
        </xs:element>
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            </xs:annotation>
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    </xs:annotation>
    <xs:sequence>
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```

```
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                        </xs:annotation>
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            </xs:sequence>
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            </xs:annotation>
            <xs:sequence>
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maxOccurs="unbounded">
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                <xs:documentation>损毁</xs:documentation>
            </xs:annotation>
            <xs:sequence>
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maxOccurs="unbounded"/>
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                    </xs:annotation>
                </xs:element>
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maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>人为因素</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
</xs:schema>
```

5 古文化遗址类文物元数据 XML Schema

```xml
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targetNamespace="http://www.nlc.cn/relicCore/XMLSchema"           elementFormDefault="qualified"
attributeFormDefault="unqualified">
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                </xs:annotation>
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                </xs:annotation>
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                </xs:annotation>
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                    <xs:documentation>材质</xs:documentation>
                </xs:annotation>
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                </xs:annotation>
            </xs:element>
            <xs:element name="description" type="xs:string" minOccurs="0" maxOccurs="unbounded">
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```

```
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                    <xs:documentation>考古发掘</xs:documentation>
                </xs:annotation>
            </xs:element>
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                </xs:annotation>
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```

```
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```

```xml
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```

```xml
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    </xs:sequence>
</xs:complexType>
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    <xs:sequence>
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```

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                                <xs:documentation>发掘者</xs:documentation>
                            </xs:annotation>
                        </xs:element>
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                                <xs:documentation>考古文化</xs:documentation>
                            </xs:annotation>
                        </xs:element>
                </xs:sequence>
        </xs:complexType>
        <xs:complexType name="levelType2">
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                        <xs:documentation>级别</xs:documentation>
                </xs:annotation>
                <xs:sequence>
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maxOccurs="unbounded">
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                            </xs:annotation>
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                                <xs:documentation>世界文化遗产</xs:documentation>
                            </xs:annotation>
                        </xs:element>
                </xs:sequence>
        </xs:complexType>
        <xs:complexType name="currentConditionType2">
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                        <xs:documentation>现状</xs:documentation>
                </xs:annotation>
                <xs:sequence>
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maxOccurs="unbounded"/>
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maxOccurs="unbounded">
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                                <xs:documentation>现状评估</xs:documentation>
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```

```
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maxOccurs="unbounded"/>
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                                        <xs:documentation>接收日期</xs:documentation>
                                </xs:annotation>
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                </xs:annotation>
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                                </xs:annotation>
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```

```xml
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		<xs:element name="digitalResourceRelationType" type="digitalResourceRelationTypeType" minOccurs="0" maxOccurs="1">
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				<xs:documentation>数字对象关系类型</xs:documentation>
			</xs:annotation>
		</xs:element>
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		</xs:element>
		<xs:element name="digitalResourceCreationDate" type="DateType" minOccurs="0" maxOccurs="1">
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		</xs:element>
		<xs:element name="digitalResourceCreator" type="xs:string" minOccurs="0" maxOccurs="unbounded">
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				<xs:documentation>数字对象创建者</xs:documentation>
			</xs:annotation>
		</xs:element>
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				<xs:documentation>数字对象所属机构</xs:documentation>
			</xs:annotation>
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		<xs:element name="digitalResourceRights" type="xs:string" minOccurs="0" maxOccurs="unbounded">
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		</xs:element>
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		</xs:element>
		<xs:element name="digitalResourceLink" type="xs:anyURI" minOccurs="0" maxOccurs="unbounded">
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```xml
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                    </xs:annotation>
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            <xs:sequence>
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maxOccurs="unbounded">
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                <xs:element name="relatedWorkLocation" type="xs:string" minOccurs="0" maxOccurs="1">
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                        <xs:documentation>相关文物藏址</xs:documentation>
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                </xs:element>
            </xs:sequence>
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```

```
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                                </xs:annotation>
                        </xs:element>
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                        <xs:documentation>结构(建筑布局)</xs:documentation>
                </xs:annotation>
                <xs:sequence>
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                        <xs:element        name="shapeAndStructure"        type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
                                <xs:annotation>
                                        <xs:documentation>形制</xs:documentation>
                                </xs:annotation>
                        </xs:element>
                </xs:sequence>
        </xs:complexType>
        <xs:complexType name="techniquesOrStyleType">
                <xs:annotation>
                        <xs:documentation>技术/风格</xs:documentation>
                </xs:annotation>
                <xs:sequence>
                        <xs:element        name="constructionTechniques"        type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
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                                        <xs:documentation>建造技术</xs:documentation>
                                </xs:annotation>
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                <xs:sequence>
```

```xml
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                    <xs:annotation>
                        <xs:documentation>自然因素</xs:documentation>
                    </xs:annotation>
                </xs:element>
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maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>人为因素</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
</xs:schema>
```

6 铜器类文物元数据 XML Schema

```xml
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns="http://www.nlc.cn/relicCore/XMLSchema"
targetNamespace="http://www.nlc.cn/relicCore/XMLSchema"                elementFormDefault="qualified"
attributeFormDefault="unqualified">
    <xs:include schemaLocation="relicCore.xsd"/>
    <xs:element name="bronzewareMetadata" type="bronzewareMetadataType">
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            <xs:documentation>可移动文物铜器类专门元数据</xs:documentation>
        </xs:annotation>
    </xs:element>
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        <xs:sequence>
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                    <xs:documentation>文物类型</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="title" type="titleType" maxOccurs="unbounded">
                <xs:annotation>
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                </xs:annotation>
            </xs:element>
            <xs:element name="identifier" type="identifierType">
                <xs:annotation>
                    <xs:documentation>文物识别号</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element        name="currentLocation"        type="currentLocationType2"        minOccurs="0"
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                    <xs:documentation>所在位置</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="creation" type="creationType" minOccurs="0" maxOccurs="unbounded">
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                </xs:annotation>
            </xs:element>
            <xs:element name="materials" type="xs:string" minOccurs="1" maxOccurs="unbounded">
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                    <xs:documentation>材质</xs:documentation>
                </xs:annotation>
            </xs:element>
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                    <xs:documentation>铸造工艺</xs:documentation>
                </xs:annotation>
            </xs:element>
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maxOccurs="1">
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```

```xml
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                    </xs:annotation>
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                        <xs:documentation>考古发掘</xs:documentation>
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                    </xs:annotation>
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```

```xml
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                    <xs:documentation>纹饰</xs:documentation>
                </xs:annotation>
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        </xs:sequence>
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                </xs:annotation>
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        </xs:sequence>
    </xs:complexType>
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        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="measurementsType2">
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```

```xml
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    <xs:complexType name="archaeologicalInformationType2">
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```

```
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    </xs:complexType>
    <xs:complexType name="shapeType">
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```

```
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maxOccurs="unbounded"/>
                    <xs:element         name="ornamentationLocation"        type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
                            <xs:annotation>
                                    <xs:documentation>纹饰位置</xs:documentation>
                            </xs:annotation>
                    </xs:element>
                    <xs:element        name="ornamentationTechnique"        type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
                            <xs:annotation>
                                    <xs:documentation>纹饰工艺</xs:documentation>
                            </xs:annotation>
                    </xs:element>
                    <xs:element         name="ornamentationRubbings"        type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
                            <xs:annotation>
                                    <xs:documentation>纹饰拓片</xs:documentation>
                            </xs:annotation>
                    </xs:element>
                    <xs:element        name="ornamentationLinegraph"        type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
                            <xs:annotation>
                                    <xs:documentation>纹饰线图</xs:documentation>
                            </xs:annotation>
                    </xs:element>
            </xs:sequence>
    </xs:complexType>
</xs:schema>
```

7 石窟寺类文物元数据 XML Schema

```xml
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns="http://www.nlc.cn/relicCore/XMLSchema"
targetNamespace="http://www.nlc.cn/relicCore/XMLSchema"          elementFormDefault="qualified"
attributeFormDefault="unqualified">
    <xs:include schemaLocation="relicCore.xsd"/>
    <xs:element name="caveTempleMetadata" type="caveTempleMetadataType">
        <xs:annotation>
            <xs:documentation>不可移动文物石窟寺文物类专门元数据</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:complexType name="caveTempleMetadataType">
        <xs:sequence>
            <xs:element name="workType" type="workTypeType" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>文物类型</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="title" type="titleType2" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>名称</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="identifier" type="identifierType">
                <xs:annotation>
                    <xs:documentation>文物识别号</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element     name="currentLocation"     type="currentLocationType2"     minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>所在位置</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="creation" type="creationType2" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>创建</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element          name="materials"          type="materialsType2"          minOccurs="1"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>材质</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="techniques" type="xs:string" minOccurs="1" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>工艺技法</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element     name="measurements"     type="measurementsType2"     minOccurs="0"
maxOccurs="1">
                <xs:annotation>
                    <xs:documentation>计量</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="description" type="xs:string" minOccurs="0" maxOccurs="unbounded">
```

```xml
                    <xs:annotation>
                        <xs:documentation>描述</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element     name="inscriptionsOrMarks"     type="xs:string"     minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>题识/标记</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="subject" type="xs:string" minOccurs="1" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>主题</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="level" type="levelType" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>级别</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element     name="currentCondition"     type="currentConditionType"     minOccurs="0"
maxOccurs="1">
                    <xs:annotation>
                        <xs:documentation>现状</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element        name="copyrightOrRestrictions"        type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>权限</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element        name="relatedDigitalResources"        type="relatedDigitalResourcesType"
minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>数字对象</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element        name="relatedWorks"        type="relatedWorksType"        minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>相关文物</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element     name="relatedKnowledge"     type="relatedKnowledgeType"     minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>相关知识</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="context" type="contextType" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>背景</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element        name="environment"        type="environmentType"        minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>环境状况</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="damage" type="damageType" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
```

```
                        <xs:documentation>损毁</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element    name="shapeAndStructureOrConstruction"    type="xs:string"    minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>型制</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element  name="caveTemplesStructure"  type="caveTemplesStructureType"  minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>结构</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="titleType2">
            <xs:annotation>
                <xs:documentation>名称</xs:documentation>
            </xs:annotation>
            <xs:sequence>
                <xs:element name="formalTitle" type="xs:string"/>
                <xs:element name="language" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>语种</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element         name="formerTitle"         type="titleFormatType"         minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>原名</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element         name="otherTitle"         type="titleFormatType"         minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>其他名称</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="currentLocationType2">
            <xs:annotation>
                <xs:documentation>所在位置</xs:documentation>
            </xs:annotation>
            <xs:sequence>
                <xs:element name="formalCurrentLocation" type="xs:string"/>
                <xs:element name="administration" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>管理机构名称</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element        name="geographicLocation"        type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>地理名称</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name=" geographicCoordinates " minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>地理坐标</xs:documentation>
                    </xs:annotation>
```

```
            <xs:complexType>
                <xs:sequence>
                    <xs:element      name="longitude"      type="xs:string"      minOccurs="0"
maxOccurs="unbounded">
                        <xs:annotation>
                            <xs:documentation>经度</xs:documentation>
                        </xs:annotation>
                    </xs:element>
                    <xs:element       name="latiude"       type="xs:string"       minOccurs="0"
maxOccurs="unbounded">
                        <xs:annotation>
                            <xs:documentation>纬度</xs:documentation>
                        </xs:annotation>
                    </xs:element>
                    <xs:element       name="sealevel"       type="xs:string"       minOccurs="0"
maxOccurs="unbounded">
                        <xs:annotation>
                            <xs:documentation>海拔高度</xs:documentation>
                        </xs:annotation>
                    </xs:element>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="creationType2">
    <xs:annotation>
        <xs:documentation>创建</xs:documentation>
    </xs:annotation>
    <xs:sequence>
        <xs:element name="creator" type="xs:string" minOccurs="1" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>创建者</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="creationDate" type="DateType" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>创建时间</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="creationPlace" type="xs:string" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>创建地点</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element       name="maintenanceDate"       type="DateType"       minOccurs="0"
maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>重修/维修年代</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="remarks" type="xs:string" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>备注</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="materialsType2">
    <xs:annotation>
        <xs:documentation>材质</xs:documentation>
    </xs:annotation>
    <xs:sequence>
```

```
                <xs:element        name="materialsDescription"      type="xs:string"      minOccurs="1"
maxOccurs="unbounded"/>
                <xs:element         name="materialCategory"         type="xs:string"      minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>材质类别</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="measurementsType2">
            <xs:annotation>
                <xs:documentation>计量</xs:documentation>
            </xs:annotation>
            <xs:sequence>
                <xs:element        name="measurementsDescription"      type="xs:string"      minOccurs="1"
maxOccurs="unbounded"/>
                <xs:element name="dimensions" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>尺寸</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="measurements" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>面积</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="quantity" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>数量</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="contextType">
            <xs:annotation>
                <xs:documentation>背景</xs:documentation>
            </xs:annotation>
            <xs:sequence>
                <xs:element        name="contextDescription"         type="xs:string"      minOccurs="1"
maxOccurs="unbounded"/>
                <xs:element         name="geographicContext"         type="xs:string"      minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>地域</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element         name="timeInformation"           type="xs:string"      minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>年代</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element        name="humanitiesInformation"       type="xs:string"      minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>人文</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="environmentType">
            <xs:annotation>
```

```
                    <xs:documentation>环境状况</xs:documentation>
                </xs:annotation>
                <xs:sequence>
                    <xs:element          name="naturalEnvironment"          type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
                        <xs:annotation>
                            <xs:documentation>自然环境</xs:documentation>
                        </xs:annotation>
                    </xs:element>
                    <xs:element          name="humanitiesEnvironment"          type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
                        <xs:annotation>
                            <xs:documentation>人文环境</xs:documentation>
                        </xs:annotation>
                    </xs:element>
                    <xs:element          name="environmentDescription"          type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
                        <xs:annotation>
                            <xs:documentation>环境状况描述</xs:documentation>
                        </xs:annotation>
                    </xs:element>
                </xs:sequence>
        </xs:complexType>
        <xs:complexType name="damageType">
            <xs:annotation>
                <xs:documentation>损毁</xs:documentation>
            </xs:annotation>
            <xs:sequence>
                <xs:element          name="damageDescription"          type="xs:string"        minOccurs="1"
maxOccurs="unbounded"/>
                <xs:element name="damagedDate" type="DateType" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>损毁年代</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="naturalCause" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>自然因素</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element          name="man-madeCause"          type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>人为因素</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element          name="damageCauseDescription"          type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>损毁原因描述</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="caveTemplesStructureType">
            <xs:annotation>
                <xs:documentation>结构</xs:documentation>
            </xs:annotation>
            <xs:sequence>
                <xs:element          name="caveTemplesStructureDescription"          type="xs:string"        minOccurs="1"
maxOccurs="unbounded"/>
                <xs:element name="damagedDate" type="DateType" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
```

```
                    <xs:documentation>损毁年代</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="prechamber" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>前室</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="tunnel" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>甬道</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="mainRoom" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>主室</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="watTop" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>窟顶</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="nicheBuddha" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>佛龛与佛坛</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="walls" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>四壁</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:schema>
```

8 织绣类文物元数据 XML Schema

```xml
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns="http://www.nlc.cn/relicCore/XMLSchema"
targetNamespace="http://www.nlc.cn/relicCore/XMLSchema"                    elementFormDefault="qualified"
attributeFormDefault="unqualified">
    <xs:include schemaLocation="relicCore.xsd"/>
    <xs:element name="embroideryMetadata" type="embroideryMetadataType">
        <xs:annotation>
            <xs:documentation>可移动文物织绣品类专门元数据</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:complexType name="embroideryMetadataType">
        <xs:sequence>
            <xs:element name="workType" type="workTypeType" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>文物类型</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="title" type="titleType" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>名称</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="identifier" type="identifierType">
                <xs:annotation>
                    <xs:documentation>文物识别号</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element    name="currentLocation"    type="currentLocationType2"    minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>所在位置</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="creation" type="creationType" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>创作</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element        name="materials"        type="materialsType2"        minOccurs="1"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>材质</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element        name="techniques"        type="techniquesType2"        minOccurs="1"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>工艺技法</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element        name="measurements"        type="measurementsType"        minOccurs="0"
maxOccurs="1">
                <xs:annotation>
                    <xs:documentation>计量</xs:documentation>
                </xs:annotation>
            </xs:element>
```

```xml
<xs:element name="description" type="xs:string" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>描述</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="inscriptionsOrMarks" type="inscriptionsOrMarksType2" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>题识/标记</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="subject" type="xs:string" minOccurs="1" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>主题</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="archaeologicalInformation" type="archaeologicalInformationType" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>考古发掘</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="level" type="levelType" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>级别</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="currentCondition" type="currentConditionType" minOccurs="0" maxOccurs="1">
    <xs:annotation>
        <xs:documentation>现状</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="source" type="sourceType" minOccurs="0" maxOccurs="1">
    <xs:annotation>
        <xs:documentation>来源</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="copyrightOrRestrictions" type="xs:string" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>权限</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="exhibitionOrLoanHistory" type="exhibitionOrLoanHistoryType" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>展览/借展史</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="relatedDigitalResources" type="relatedDigitalResourcesType" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>数字对象</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="relatedWorks" type="relatedWorksType" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>相关文物</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="relatedKnowledge" type="relatedKnowledgeType" minOccurs="0"
```

```
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>相关知识</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="provenance" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>流传经历</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element        name="surfaceOrnamentation"        type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>纹饰</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="color" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>颜色</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="currentLocationType2">
            <xs:annotation>
                <xs:documentation>所在位置</xs:documentation>
            </xs:annotation>
            <xs:sequence>
                <xs:element name="formalCurrentLocation" type="xs:string"/>
                <xs:element        name="geographicLocation"        type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>地理名称</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="accessionDate" type="xs:date" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>入藏日期</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="materialsType2">
            <xs:annotation>
                <xs:documentation>材质</xs:documentation>
            </xs:annotation>
            <xs:sequence>
                <xs:element name="materialsDescription" type="xs:string"/>
                <xs:element name="role" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>角色</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element        name="organizationStructure"        type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>组织结构</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="techniquesType2">
            <xs:annotation>
```

```
                <xs:documentation>工艺技法</xs:documentation>
            </xs:annotation>
            <xs:sequence>
                <xs:element name="techniquesDescription" type="xs:string"/>
                <xs:element          name="dyeingTechniques"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>染缬技法</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element          name="embroideryStitches"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>刺绣针法</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element          name="patternCirculation"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>图案循环</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="inscriptionsOrMarksType2">
            <xs:annotation>
                <xs:documentation>题识/标记</xs:documentation>
            </xs:annotation>
            <xs:sequence>
                <xs:element          name="inscriptionsOrMarksDescription"          type="xs:string"          minOccurs="1"
maxOccurs="unbounded"/>
                <xs:element name="language" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>语种</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="type" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>类型</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="location" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>位置</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
</xs:schema>
```

9 家具类文物元数据 XML Schema

```xml
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns="http://www.nlc.cn/relicCore/XMLSchema"
targetNamespace="http://www.nlc.cn/relicCore/XMLSchema"          elementFormDefault="qualified"
attributeFormDefault="unqualified">
    <xs:include schemaLocation="relicCore.xsd"/>
    <xs:element name="furnitureMetadata" type="furnitureType">
        <xs:annotation>
            <xs:documentation>可移动文物家具类专门元数据</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:complexType name="furnitureType">
        <xs:sequence>
            <xs:element name="workType" type="workTypeType" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>文物类型</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="title" type="titleType" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>名称</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="identifier" type="identifierType">
                <xs:annotation>
                    <xs:documentation>文物识别号</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element     name="currentLocation"     type="currentLocationType2"     minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>所在位置</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="creation" type="creationType" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>创作</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="materials" type="xs:string" minOccurs="1" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>材质</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="techniques" type="xs:string" minOccurs="1" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>工艺技法</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element     name="measurements"     type="measurementsType"     minOccurs="0"
maxOccurs="1">
                <xs:annotation>
                    <xs:documentation>计量</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="description" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
```

```xml
                    <xs:documentation>描述</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element   name="inscriptionsOrMarks"   type="inscriptionsOrMarksType2"   minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>题识/标记</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="subject" type="xs:string" minOccurs="1" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>主题</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element      name="archaeologicalInformation"      type="archaeologicalInformationType"
minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>考古发掘</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="level" type="levelType" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>级别</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element    name="currentCondition"    type="currentConditionType"    minOccurs="0"
maxOccurs="1">
                <xs:annotation>
                    <xs:documentation>现状</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="source" type="sourceType" minOccurs="0" maxOccurs="1">
                <xs:annotation>
                    <xs:documentation>来源</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element    name="copyrightOrRestrictions"    type="xs:string"    minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>权限</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element    name="exhibitionOrLoanHistory"    type="exhibitionOrLoanHistoryType"
minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>展览/借展史</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element    name="relatedDigitalResources"    type="relatedDigitalResourcesType"
minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>数字对象</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element    name="relatedWorks"    type="relatedWorksType"    minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>相关文物</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element    name="relatedKnowledge"    type="relatedKnowledgeType"    minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
```

```
                    <xs:documentation>相关知识</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element        name="decorativePattern"        type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>装饰</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="currentLocationType2">
        <xs:annotation>
            <xs:documentation>所在位置</xs:documentation>
        </xs:annotation>
        <xs:sequence>
            <xs:element name="formalCurrentLocation" type="xs:string"/>
            <xs:element         name="geographicLocation"         type="xs:string"         minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>地理名称</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="accessionDate" type="xs:date" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>入藏日期</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="inscriptionsOrMarksType2">
        <xs:annotation>
            <xs:documentation>题识/标记</xs:documentation>
        </xs:annotation>
        <xs:sequence>
            <xs:element        name="inscriptionsOrMarksDescription"        type="xs:string"        minOccurs="1"
maxOccurs="unbounded"/>
            <xs:element         name="inscriptionsOrMarksAuthor"         type="xs:string"         minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>题识/标记作者</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element        name="inscriptionsOrMarksLocation"        type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>题识/标记位置</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element       name="inscriptionsOrMarksLetterForm"       type="xs:string"       minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>题识/标记字体</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:schema>
```

10 玉器类文物元数据 XML Schema

```xml
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns="http://www.nlc.cn/relicCore/XMLSchema"
targetNamespace="http://www.nlc.cn/relicCore/XMLSchema"          elementFormDefault="qualified"
attributeFormDefault="unqualified">
    <xs:include schemaLocation="relicCore.xsd"/>
    <xs:element name="jadewareMetadata" type="jadewareMetadataType">
        <xs:annotation>
            <xs:documentation>可移动文物玉器类专门元数据</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:complexType name="jadewareMetadataType">
        <xs:sequence>
            <xs:element name="workType" type="workTypeType" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>文物类型</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="title" type="titleType" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>名称</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="identifier" type="identifierType">
                <xs:annotation>
                    <xs:documentation>文物识别号</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element       name="currentLocation"       type="currentLocationType"       minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>所在位置</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="creation" type="creationType" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>创作</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element          name="materials"          type="materialsType2"          minOccurs="1"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>材质</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="techniques" type="xs:string" minOccurs="1" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>工艺技法</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element       name="measurements"       type="measurementsType2"       minOccurs="0"
maxOccurs="1">
                <xs:annotation>
                    <xs:documentation>计量</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="description" type="xs:string" minOccurs="0" maxOccurs="unbounded">
```

```xml
                    <xs:annotation>
                        <xs:documentation>描述</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="inscriptionsOrMarks" type="inscriptionsOrMarksType2" minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>题识/标记</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="subject" type="xs:string" minOccurs="1" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>主题</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="archaeologicalInformation" type="archaeologicalInformationType"
minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>考古发掘</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="level" type="levelType" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>级别</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="currentCondition" type="currentConditionType" minOccurs="0"
maxOccurs="1">
                    <xs:annotation>
                        <xs:documentation>现状</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="source" type="sourceType" minOccurs="0" maxOccurs="1">
                    <xs:annotation>
                        <xs:documentation>来源</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="copyrightOrRestrictions" type="xs:string" minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>权限</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="exhibitionOrLoanHistory" type="exhibitionOrLoanHistoryType"
minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>展览/借展史</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="relatedDigitalResources" type="relatedDigitalResourcesType"
minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>数字对象</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="relatedWorks" type="relatedWorksType" minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>相关文物</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="relatedKnowledge" type="relatedKnowledgeType" minOccurs="0"
maxOccurs="unbounded">
```

```xml
                    <xs:annotation>
                            <xs:documentation>相关知识</xs:documentation>
                    </xs:annotation>
            </xs:element>
            <xs:element name="provenance" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                            <xs:documentation>流传经过/流传经历/收藏历史</xs:documentation>
                    </xs:annotation>
            </xs:element>
            <xs:element name="ornamentation" type="ornamentationType" minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                            <xs:documentation>纹饰</xs:documentation>
                    </xs:annotation>
            </xs:element>
            <xs:element name="physicalDescription" type="physicalDescriptionType" minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                            <xs:documentation>造型</xs:documentation>
                    </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="materialsType2">
        <xs:annotation>
            <xs:documentation>材质</xs:documentation>
        </xs:annotation>
        <xs:sequence>
            <xs:element name="materialsDescription" type="xs:string" minOccurs="1"
maxOccurs="unbounded"/>
            <xs:element name="originationPlace" type="xs:string" minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                            <xs:documentation>玉材产地</xs:documentation>
                    </xs:annotation>
            </xs:element>
            <xs:element name="color" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                            <xs:documentation>玉色</xs:documentation>
                    </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="measurementsType2">
        <xs:annotation>
            <xs:documentation>计量</xs:documentation>
        </xs:annotation>
        <xs:sequence>
            <xs:element name="measurementsDescription" type="xs:string" minOccurs="1"
maxOccurs="unbounded"/>
            <xs:element name="dimensions" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                            <xs:documentation>尺寸</xs:documentation>
                    </xs:annotation>
            </xs:element>
            <xs:element name="mass" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                            <xs:documentation>质量</xs:documentation>
                    </xs:annotation>
            </xs:element>
            <xs:element name="quantity" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                            <xs:documentation>数量</xs:documentation>
```

```xml
                </xs:annotation>
            </xs:element>
            <xs:element          name="accompanyingMaterial"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>附件</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="inscriptionsOrMarksType2">
        <xs:annotation>
            <xs:documentation>题识/标记</xs:documentation>
        </xs:annotation>
        <xs:sequence>
            <xs:element          name="inscriptionsOrMarksDescription"          type="xs:string"          minOccurs="1"
maxOccurs="unbounded"/>
            <xs:element          name="inscriptionsOrMarksLocation"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>铭识位置</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element          name="inscriptionsOrMarksCategory"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>铭识类别</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element          name="punctuatedTranscription"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>释文</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element          name="inscriptionsScript"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>铭识书体</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="ornamentationType">
        <xs:annotation>
            <xs:documentation>纹饰</xs:documentation>
        </xs:annotation>
        <xs:sequence>
            <xs:element          name="ornamentationDescription"          type="xs:string"          minOccurs="1"
maxOccurs="unbounded"/>
            <xs:element          name="ornamentationType"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>纹饰类别</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element          name="ornamentationLocation"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>纹饰位置</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
```

```xml
        </xs:complexType>
        <xs:complexType name="physicalDescriptionType">
            <xs:annotation>
                <xs:documentation>造型</xs:documentation>
            </xs:annotation>
            <xs:sequence>
                <xs:element    name="physicalDescriptionDescription"    type="xs:string"    minOccurs="1"
maxOccurs="unbounded"/>
                <xs:element name="function" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>功能</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
</xs:schema>
```

11 舆图元数据 XML Schema

```xml
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns="http://www.nlc.cn/relicCore/XMLSchema"
targetNamespace="http://www.nlc.cn/relicCore/XMLSchema"          elementFormDefault="qualified"
attributeFormDefault="unqualified">
    <xs:include schemaLocation="relicCore.xsd"/>
    <xs:element name="mapMetadata" type="mapMetadataType">
        <xs:annotation>
            <xs:documentation>可移动文物舆图类专门元数据</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:complexType name="mapMetadataType">
        <xs:sequence>
            <xs:element name="workType" type="workTypeType" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>文物类型</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="title" type="titleType" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>名称</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="identifier" type="identifierType">
                <xs:annotation>
                    <xs:documentation>文物识别号</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element       name="currentLocation"      type="currentLocationType"      minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>所在位置</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="creation" type="creationType2" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>创作</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="materials" type="xs:string" minOccurs="1" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>材质</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element        name="techniques"        type="techniquesType2"        minOccurs="1"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>工艺技法</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element       name="measurements"       type="measurementsType2"       minOccurs="0"
maxOccurs="1">
                <xs:annotation>
                    <xs:documentation>计量</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element         name="description"         type="descriptionType2"         minOccurs="0"
```

```
maxOccurs="unbounded">
                <xs:annotation>
                        <xs:documentation>描述</xs:documentation>
                </xs:annotation>
        </xs:element>
        <xs:element     name="inscriptionsOrMarks"     type="xs:string"     minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                        <xs:documentation>题识/标记</xs:documentation>
                </xs:annotation>
        </xs:element>
        <xs:element name="subject" type="xs:string" minOccurs="1" maxOccurs="unbounded">
                <xs:annotation>
                        <xs:documentation>主题</xs:documentation>
                </xs:annotation>
        </xs:element>
        <xs:element     name="archaeologicalInformation"     type="archaeologicalInformationType"
minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                        <xs:documentation>考古发掘</xs:documentation>
                </xs:annotation>
        </xs:element>
        <xs:element name="level" type="levelType" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                        <xs:documentation>级别</xs:documentation>
                </xs:annotation>
        </xs:element>
        <xs:element     name="currentCondition"     type="currentConditionType"     minOccurs="0"
maxOccurs="1">
                <xs:annotation>
                        <xs:documentation>现状</xs:documentation>
                </xs:annotation>
        </xs:element>
        <xs:element name="source" type="sourceType" minOccurs="0" maxOccurs="1">
                <xs:annotation>
                        <xs:documentation>来源</xs:documentation>
                </xs:annotation>
        </xs:element>
        <xs:element     name="copyrightOrRestrictions"     type="copyrightOrRestrictionsType2"
minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                        <xs:documentation>权限</xs:documentation>
                </xs:annotation>
        </xs:element>
        <xs:element     name="exhibitionOrLoanHistory"     type="exhibitionOrLoanHistoryType"
minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                        <xs:documentation>展览/借展史</xs:documentation>
                </xs:annotation>
        </xs:element>
        <xs:element     name="relatedDigitalResources"     type="relatedDigitalResourcesType"
minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                        <xs:documentation>数字对象</xs:documentation>
                </xs:annotation>
        </xs:element>
        <xs:element     name="relatedWorks"     type="relatedWorksType"     minOccurs="0"
maxOccurs="unbounded">
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                        <xs:documentation>相关文物</xs:documentation>
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```

```
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                    <xs:documentation>相关知识</xs:documentation>
                </xs:annotation>
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                </xs:annotation>
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maxOccurs="unbounded">
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                    <xs:documentation>出版发行</xs:documentation>
                </xs:annotation>
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                    <xs:documentation>内容语种</xs:documentation>
                </xs:annotation>
            </xs:element>
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                    <xs:documentation>流传经历</xs:documentation>
                </xs:annotation>
            </xs:element>
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        </xs:annotation>
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                                <xs:documentation>创作者</xs:documentation>
                            </xs:annotation>
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                                <xs:documentation>创作方式</xs:documentation>
                            </xs:annotation>
                        </xs:element>
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                    <xs:documentation>创作时间</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="creationPlace" type="xs:string" minOccurs="0" maxOccurs="unbounded">
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                </xs:annotation>
            </xs:element>
        </xs:sequence>
```

```
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                    </xs:annotation>
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            </xs:annotation>
            <xs:sequence>
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                </xs:element>
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                        <xs:documentation>尺寸</xs:documentation>
                    </xs:annotation>
                </xs:element>
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                        <xs:documentation>质量</xs:documentation>
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```xml
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        </xs:annotation>
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                </xs:annotation>
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                    <xs:documentation>丛编说明</xs:documentation>
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                </xs:annotation>
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maxOccurs="unbounded">
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                </xs:annotation>
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maxOccurs="unbounded">
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                </xs:annotation>
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maxOccurs="unbounded">
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                </xs:annotation>
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        </xs:sequence>
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            <xs:documentation>权限</xs:documentation>
        </xs:annotation>
        <xs:sequence>
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maxOccurs="unbounded"/>
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maxOccurs="unbounded">
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        </xs:sequence>
```

```
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                        <xs:documentation>版本类型说明</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="publishedType">
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                <xs:documentation>出版发行</xs:documentation>
            </xs:annotation>
            <xs:sequence>
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                        <xs:documentation>出版者</xs:documentation>
                    </xs:annotation>
                </xs:element>
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                    </xs:annotation>
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                <xs:element name="printedPlace" type="xs:string" minOccurs="0" maxOccurs="unbounded">
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                        <xs:documentation>印刷地点</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="printedDate" type="DateType" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>印刷时间</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
</xs:schema>
```

12 近现代重要史迹和代表性建筑类文物元数据 XML Schema

```xml
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns="http://www.nlc.cn/relicCore/XMLSchema"
targetNamespace="http://www.nlc.cn/relicCore/XMLSchema"          elementFormDefault="qualified"
attributeFormDefault="unqualified">
    <xs:include schemaLocation="relicCore.xsd"/>
    <xs:element name="modernHistoricBuildingMetadata" type="modernHistoricBuildingMetadataType">
        <xs:annotation>
            <xs:documentation> 不可移动文物近现代重要史迹及代表性建筑类专门元数据
</xs:documentation>
        </xs:annotation>
    </xs:element>
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        <xs:sequence>
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                    <xs:documentation>文物类型</xs:documentation>
                </xs:annotation>
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                </xs:annotation>
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                    <xs:documentation>文物识别号</xs:documentation>
                </xs:annotation>
            </xs:element>
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                    <xs:documentation>所在位置</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="creation" type="creationType2" minOccurs="0" maxOccurs="unbounded">
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                    <xs:documentation>建造</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element         name="materials"         type="materialsType2"         minOccurs="1"
maxOccurs="unbounded">
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                    <xs:documentation>材质</xs:documentation>
                </xs:annotation>
            </xs:element>
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maxOccurs="1">
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                </xs:annotation>
            </xs:element>
            <xs:element name="description" type="xs:string" minOccurs="0" maxOccurs="unbounded">
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```

```xml
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                </xs:annotation>
            </xs:element>
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                </xs:annotation>
            </xs:element>
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                    <xs:documentation>权限</xs:documentation>
                </xs:annotation>
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```

```xml
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                </xs:annotation>
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                </xs:annotation>
            </xs:element>
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maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>其他名称</xs:documentation>
                </xs:annotation>
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        </xs:sequence>
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maxOccurs="unbounded">
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            </xs:element>
```

```xml
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            </xs:annotation>
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        </xs:element>
    </xs:sequence>
</xs:complexType>
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    </xs:annotation>
    <xs:sequence>
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            </xs:annotation>
        </xs:element>
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        </xs:element>
        <xs:element name="reconstructionDate" type="DateType" minOccurs="0" maxOccurs="unbounded">
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        </xs:element>
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    </xs:sequence>
</xs:complexType>
<xs:complexType name="materialsType2">
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        <xs:documentation>材质</xs:documentation>
    </xs:annotation>
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            </xs:annotation>
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```

```xml
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                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="measurementsType2">
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        </xs:annotation>
        <xs:sequence>
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                    <xs:documentation>尺寸</xs:documentation>
                </xs:annotation>
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        <xs:sequence>
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        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="levelType2">
        <xs:annotation>
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        </xs:annotation>
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```

```
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            </xs:annotation>
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maxOccurs="unbounded"/>
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maxOccurs="unbounded">
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                    </xs:annotation>
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                <xs:element name="priority" type="priorityType" minOccurs="0" maxOccurs="1">
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                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="sourceType2">
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            </xs:annotation>
            <xs:sequence>
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maxOccurs="unbounded"/>
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                    </xs:annotation>
                </xs:element>
                <xs:element name="transferMode" type="transferModeType" minOccurs="0" maxOccurs="1">
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                        <xs:documentation>来源方式</xs:documentation>
                    </xs:annotation>
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        </xs:complexType>
        <xs:complexType name="copyrightOrRestrictionsType2">
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            </xs:annotation>
            <xs:sequence>
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maxOccurs="unbounded"/>
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                    </xs:annotation>
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                        <xs:documentation>管理机构</xs:documentation>
                    </xs:annotation>
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```

```
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                    </xs:annotation>
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                    </xs:annotation>
```

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				<xs:documentation>相关文物</xs:documentation>
			</xs:annotation>
			<xs:sequence>
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                         </xs:annotation>
                    </xs:element>
               </xs:sequence>
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                    <xs:documentation>环境状况</xs:documentation>
               </xs:annotation>
               <xs:sequence>
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                             <xs:documentation>自然环境</xs:documentation>
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                             <xs:documentation>人文环境</xs:documentation>
                         </xs:annotation>
                    </xs:element>
               </xs:sequence>
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               </xs:annotation>
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maxOccurs="unbounded">
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                         </xs:annotation>
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                    <xs:documentation>技术/风格</xs:documentation>
               </xs:annotation>
               <xs:sequence>
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```

```
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                </xs:annotation>
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        </xs:annotation>
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                    <xs:documentation>损毁年代</xs:documentation>
                </xs:annotation>
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            <xs:element name="naturalCause" type="xs:string" minOccurs="0" maxOccurs="unbounded">
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                    <xs:documentation>自然因素</xs:documentation>
                </xs:annotation>
            </xs:element>
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                    <xs:documentation>人为因素</xs:documentation>
                </xs:annotation>
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    </xs:complexType>
</xs:schema>
```

13 壁画元数据 XML Schema

```xml
<?xml version="1.0" encoding="UTF-8"?>
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targetNamespace="http://www.nlc.cn/relicCore/XMLSchema"                elementFormDefault="qualified"
attributeFormDefault="unqualified">
    <xs:include schemaLocation="relicCore.xsd"/>
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            <xs:documentation>不可移动文物壁画类专门元数据</xs:documentation>
        </xs:annotation>
    </xs:element>
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                    <xs:documentation>文物类型</xs:documentation>
                </xs:annotation>
            </xs:element>
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                    <xs:documentation>名称</xs:documentation>
                </xs:annotation>
            </xs:element>
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                <xs:annotation>
                    <xs:documentation>文物识别号</xs:documentation>
                </xs:annotation>
            </xs:element>
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                </xs:annotation>
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maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>材质</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="techniques" type="xs:string" minOccurs="1" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>技法</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element     name="measurements"     type="measurementsType2"     minOccurs="0"
maxOccurs="1">
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```

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```
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                    </xs:annotation>
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                    </xs:annotation>
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```

```
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```

```
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```

```xml
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```

```xml
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        <xs:sequence>
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maxOccurs="unbounded">
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                    </xs:annotation>
            </xs:element>
            <xs:element        name="humanitiesEnvironment"        type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                            <xs:documentation>人文环境</xs:documentation>
                    </xs:annotation>
            </xs:element>
            <xs:element        name="environmentDescription"        type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                            <xs:documentation>环境状况描述</xs:documentation>
                    </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="damageType">
        <xs:annotation>
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        </xs:annotation>
        <xs:sequence>
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maxOccurs="unbounded"/>
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                    <xs:annotation>
                            <xs:documentation>损毁年代</xs:documentation>
                    </xs:annotation>
            </xs:element>
            <xs:element name="naturalCause" type="xs:string" minOccurs="0" maxOccurs="unbounded">
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                    </xs:annotation>
            </xs:element>
            <xs:element        name="man-madeCause"        type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                            <xs:documentation>人为因素</xs:documentation>
                    </xs:annotation>
            </xs:element>
            <xs:element        name="damageCauseDescription"        type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                            <xs:documentation>损毁原因描述</xs:documentation>
```

```xml
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="muralStructureType">
            <xs:annotation>
                <xs:documentation>壁画结构</xs:documentation>
            </xs:annotation>
            <xs:sequence>
                <xs:element name="muralStructureDescription" type="xs:string" minOccurs="1" maxOccurs="unbounded"/>
                <xs:element name="supportCarries" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>壁画支撑体</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="renderingorGround" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>地仗层</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="prime-coat" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>粉层</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
</xs:schema>
```

14 甲骨元数据 XML Schema

```xml
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns="http://www.nlc.cn/relicCore/XMLSchema"
targetNamespace="http://www.nlc.cn/relicCore/XMLSchema"          elementFormDefault="qualified"
attributeFormDefault="unqualified">
    <xs:include schemaLocation="relicCore.xsd"/>
    <xs:element name="oracleMetadata" type="oracleMetadataType">
        <xs:annotation>
            <xs:documentation>可移动文物甲骨类专门元数据</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:complexType name="oracleMetadataType">
        <xs:sequence>
            <xs:element name="workType" type="workTypeType" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>文物类型</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="title" type="titleType" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>名称</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="identifier" type="identifierType">
                <xs:annotation>
                    <xs:documentation>文物识别号</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element      name="currentLocation"      type="currentLocationType"      minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>所在位置</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="creation" type="creationType2" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>创作</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="materials" type="xs:string" minOccurs="1" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>材质</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="techniques" type="xs:string" minOccurs="1" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>工艺技法</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element      name="measurements"      type="measurementsType"      minOccurs="0"
maxOccurs="1">
                <xs:annotation>
                    <xs:documentation>计量</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="description" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
```

```xml
                    <xs:documentation>描述</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="inscriptionsOrMarks" type="inscriptionsOrMarksType2" minOccurs="1" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>刻辞</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="subject" type="xs:string" minOccurs="1" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>主题</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="archaeologicalInformation" type="archaeologicalInformationType" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>考古发掘</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="level" type="levelType" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>级别</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="currentCondition" type="currentConditionType" minOccurs="0" maxOccurs="1">
                <xs:annotation>
                    <xs:documentation>现状</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="source" type="sourceType" minOccurs="0" maxOccurs="1">
                <xs:annotation>
                    <xs:documentation>来源</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="copyrightOrRestrictions" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>权限</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="exhibitionOrLoanHistory" type="exhibitionOrLoanHistoryType" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>展览/借展史</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="relatedDigitalResources" type="relatedDigitalResourcesType" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>数字对象</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="relatedWorks" type="relatedWorksType" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>相关文物</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="relatedKnowledge" type="relatedKnowledgeType" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
```

```xml
                        <xs:documentation>相关知识</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="position" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>部位</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="provenance" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>流传经历</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="creationType2">
            <xs:annotation>
                <xs:documentation>创作</xs:documentation>
            </xs:annotation>
            <xs:sequence>
                <xs:element name="creators" minOccurs="0" maxOccurs="unbounded">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="creator" type="xs:string" minOccurs="1" maxOccurs="unbounded">
                                <xs:annotation>
                                    <xs:documentation>创作者</xs:documentation>
                                </xs:annotation>
                            </xs:element>
                            <xs:element name="creationRole" type="xs:string" minOccurs="1" maxOccurs="unbounded">
                                <xs:annotation>
                                    <xs:documentation>创作方式</xs:documentation>
                                </xs:annotation>
                            </xs:element>
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
                <xs:element name="creationDate" type="DateType" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>创作时间</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="creationPlace" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>创作地点</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="inscriptionsOrMarksType2">
            <xs:annotation>
                <xs:documentation>刻辞</xs:documentation>
            </xs:annotation>
            <xs:sequence>
                <xs:element name="numberOfCharacter" type="xs:string" minOccurs="1" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>字数</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="script" type="xs:string" minOccurs="1" maxOccurs="1">
                    <xs:annotation>
```

```
                    <xs:documentation>书体</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element       name="punctuatedTranscription"       type="xs:string"       minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>释文</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:schema>
```

15 绘画类文物元数据 XML Schema

```xml
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns="http://www.nlc.cn/relicCore/XMLSchema"
targetNamespace="http://www.nlc.cn/relicCore/XMLSchema"                elementFormDefault="qualified"
attributeFormDefault="unqualified">
    <xs:include schemaLocation="relicCore.xsd"/>
    <xs:element name="paintingMetadata" type="paintingType">
        <xs:annotation>
            <xs:documentation>可移动文物绘画类专门元数据</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:complexType name="paintingType">
        <xs:sequence>
            <xs:element name="workType" type="workTypeType" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>文物类型</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="title" type="titleType" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>名称</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="identifier" type="identifierType">
                <xs:annotation>
                    <xs:documentation>文物识别号</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="currentLocation" type="currentLocationType2" minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>所在位置</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="creation" type="creationType" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>创作</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="materials" type="materialsType2" minOccurs="1"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>材质</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="techniques" type="techniquesType2" minOccurs="1"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>工艺技法</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="measurements" type="measurementsType2" minOccurs="0"
maxOccurs="1">
                <xs:annotation>
                    <xs:documentation>计量</xs:documentation>
                </xs:annotation>
            </xs:element>
```

```xml
<xs:element name="description" type="xs:string" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>描述</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="inscriptionsOrMarks" type="inscriptionsOrMarksType2" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>题识/标记</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="subject" type="xs:string" minOccurs="1" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>主题</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="archaeologicalInformation" type="archaeologicalInformationType" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>考古发掘</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="level" type="levelType" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>级别</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="currentCondition" type="currentConditionType" minOccurs="0" maxOccurs="1">
    <xs:annotation>
        <xs:documentation>现状</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="source" type="sourceType" minOccurs="0" maxOccurs="1">
    <xs:annotation>
        <xs:documentation>来源</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="copyrightOrRestrictions" type="xs:string" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>权限</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="exhibitionOrLoanHistory" type="exhibitionOrLoanHistoryType" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>展览/借展史</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="relatedDigitalResources" type="relatedDigitalResourcesType" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>数字对象</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="relatedWorks" type="relatedWorksType" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>相关文物</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="relatedKnowledge" type="relatedKnowledgeType" minOccurs="0"
```

```
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>相关知识</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="provenance" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>流传经历</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element          name="criticalResponses"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>作品评价</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="currentLocationType2">
        <xs:annotation>
            <xs:documentation>所在位置</xs:documentation>
        </xs:annotation>
        <xs:sequence>
            <xs:element name="formalCurrentLocation" type="xs:string"/>
            <xs:element          name="geographicLocation"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>地理名称</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="accessionDate" type="xs:date" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>入藏日期</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="materialsType2">
        <xs:annotation>
            <xs:documentation>材质</xs:documentation>
        </xs:annotation>
        <xs:sequence>
            <xs:element          name="materialsDescription"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded"/>
            <xs:element name="materialsRole" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>材质角色</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="techniquesType2">
        <xs:annotation>
            <xs:documentation>工艺技法</xs:documentation>
        </xs:annotation>
        <xs:sequence>
            <xs:element          name="techniquesDescription"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded"/>
            <xs:element          name="paintingTechniques"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>绘画技法</xs:documentation>
                </xs:annotation>
```

```xml
                </xs:element>
                <xs:element name="mountingStyle" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>装裱形式</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="measurementsType2">
            <xs:annotation>
                <xs:documentation>计量</xs:documentation>
            </xs:annotation>
            <xs:sequence>
                <xs:element name="measurementsDescription" type="xs:string" minOccurs="1"
maxOccurs="unbounded"/>
                <xs:element name="dimensions" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>尺寸</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="dimensionsExtent" type="xs:string" minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>尺寸范围</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="quantity" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>数量</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="inscriptionsOrMarksType2">
            <xs:annotation>
                <xs:documentation>题识/标记</xs:documentation>
            </xs:annotation>
            <xs:sequence>
                <xs:element name="inscriptionsOrMarksDescription" type="xs:string" minOccurs="1"
maxOccurs="unbounded"/>
                <xs:element name="inscriptionsOrMarksAuthor" type="xs:string" minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>题识/标记作者</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="inscriptionsOrMarksLocation" type="xs:string" minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>题识/标记位置</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="inscriptionsOrMarksLetterForm" type="xs:string" minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>题识/标记字体</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
</xs:schema>
```

16 瓷器类文物元数据 XML Schema

```xml
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns="http://www.nlc.cn/relicCore/XMLSchema"
targetNamespace="http://www.nlc.cn/relicCore/XMLSchema"          elementFormDefault="qualified"
attributeFormDefault="unqualified">
    <xs:include schemaLocation="relicCore.xsd"/>
    <xs:element name="porcelainMetadata" type="porcelainMetadataType">
        <xs:annotation>
            <xs:documentation>可移动文物瓷器类专门元数据</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:complexType name="porcelainMetadataType">
        <xs:sequence>
            <xs:element name="workType" type="workTypeType" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>文物类型</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="title" type="titleType" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>名称</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="identifier" type="identifierType">
                <xs:annotation>
                    <xs:documentation>文物识别号</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element    name="currentLocation"    type="currentLocationType2"    minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>所在位置</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="creation" type="creationType" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>创作</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element        name="materials"        type="materialsType2"        minOccurs="1"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>材质</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element        name="techniques"        type="techniquesType2"        minOccurs="1"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>工艺技法</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element        name="measurements"        type="measurementsType2"        minOccurs="0"
maxOccurs="1">
                <xs:annotation>
                    <xs:documentation>计量</xs:documentation>
                </xs:annotation>
            </xs:element>
```

```xml
<xs:element name="description" type="xs:string" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>描述</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="inscriptionsOrMarks" type="inscriptionsOrMarksType2" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>题识/标记</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="subject" type="subjectType2" minOccurs="1" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>主题</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="archaeologicalInformation" type="archaeologicalInformationType2" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>考古发掘</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="level" type="levelType" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>级别</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="currentCondition" type="currentConditionType" minOccurs="0" maxOccurs="1">
    <xs:annotation>
        <xs:documentation>现状</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="source" type="sourceType" minOccurs="0" maxOccurs="1">
    <xs:annotation>
        <xs:documentation>来源</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="copyrightOrRestrictions" type="xs:string" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>权限</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="exhibitionOrLoanHistory" type="exhibitionOrLoanHistoryType2" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>展览/借展史</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="relatedDigitalResources" type="relatedDigitalResourcesType2" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>数字对象</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="relatedWorks" type="relatedWorksType" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>相关文物</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="relatedKnowledge" type="relatedKnowledgeType" minOccurs="0"
```

```
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>相关知识</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element          name="provenance"          type="provenanceType"          minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>流传经历</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element          name="ornamentation"          type="provenanceType"          minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>纹饰</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="trace" type="traceType" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>痕迹</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="currentLocationType2">
            <xs:annotation>
                <xs:documentation>所在位置</xs:documentation>
            </xs:annotation>
            <xs:sequence>
                <xs:element name="formalCurrentLocation" type="xs:string"/>
                <xs:element          name="geographicLocation"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>地理名称</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="accessionDate" type="xs:date" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>入藏日期</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="materialsType2">
            <xs:annotation>
                <xs:documentation>材质</xs:documentation>
            </xs:annotation>
            <xs:sequence>
                <xs:element          name="materialsDescription"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded"/>
                <xs:element name="paste" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>胎</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element          name="glazesAndColors"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>釉彩</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
```

```xml
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    <xs:annotation>
        <xs:documentation>工艺技法</xs:documentation>
    </xs:annotation>
    <xs:sequence>
        <xs:element name="techniquesDescription" type="xs:string" minOccurs="0" maxOccurs="unbounded"/>
        <xs:element name="figuringTechniques" type="xs:string" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>成型技法</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="fixingTechniques" type="xs:string" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>修坯技法</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="glazingTechniques" type="xs:string" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>施釉技法</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="decorationgTechniques" type="xs:string" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>装饰技法</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="firingTechniques" type="xs:string" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>烧成技法</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="measurementsType2">
    <xs:annotation>
        <xs:documentation>计量</xs:documentation>
    </xs:annotation>
    <xs:sequence>
        <xs:element name="measurementsDescription" type="xs:string" minOccurs="1" maxOccurs="unbounded"/>
        <xs:element name="dimensions" type="xs:string" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>尺寸</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="volumes" type="xs:string" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>容积</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="mass" type="xs:string" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>质量</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="quantity" type="xs:string" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
```

```
                    <xs:documentation>数量</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="inscriptionsOrMarksType2">
        <xs:annotation>
            <xs:documentation>题识/标记</xs:documentation>
        </xs:annotation>
        <xs:sequence>
            <xs:element    name="inscriptionsOrMarksDescription"    type="xs:string"    minOccurs="1"
maxOccurs="unbounded"/>
            <xs:element name="location" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>位置</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="language" type="xs:string" minOccurs="0" maxOccurs="unbounded">
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                    <xs:documentation>语种</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="script" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>字体</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="subjectType2">
        <xs:annotation>
            <xs:documentation>主题</xs:documentation>
        </xs:annotation>
        <xs:sequence>
            <xs:element         name="subjectDescription"         type="xs:string"         minOccurs="1"
maxOccurs="unbounded"/>
            <xs:element         name="physicalAttributes"         type="xs:string"         minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>物理属性主题</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element         name="styleAndPeriod"         type="xs:string"         minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>风格时代主题</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="archaeologicalInformationType2">
        <xs:annotation>
            <xs:documentation>考古发掘</xs:documentation>
        </xs:annotation>
        <xs:sequence>
            <xs:element   name="archaeologicalInformationDescription"   type="xs:string"   minOccurs="1"
maxOccurs="unbounded"/>
            <xs:element            name="excavationDate"            type="DateType"            minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>出土时间</xs:documentation>
                </xs:annotation>
            </xs:element>
```

```xml
                    <xs:element          name="excavationPlace"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
                        <xs:annotation>
                            <xs:documentation>出土地点</xs:documentation>
                        </xs:annotation>
                    </xs:element>
                    <xs:element          name="excavationSsite"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
                        <xs:annotation>
                            <xs:documentation>出土位置</xs:documentation>
                        </xs:annotation>
                    </xs:element>
                    <xs:element          name="excavationNumber"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
                        <xs:annotation>
                            <xs:documentation>出土编号</xs:documentation>
                        </xs:annotation>
                    </xs:element>
                    <xs:element name="siteDate" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                        <xs:annotation>
                            <xs:documentation>遗存时代</xs:documentation>
                        </xs:annotation>
                    </xs:element>
                    <xs:element name="excavator" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                        <xs:annotation>
                            <xs:documentation>发掘者</xs:documentation>
                        </xs:annotation>
                    </xs:element>
                </xs:sequence>
        </xs:complexType>
        <xs:complexType name="exhibitionOrLoanHistoryType2">
            <xs:annotation>
                <xs:documentation>展览/借展史</xs:documentation>
            </xs:annotation>
            <xs:sequence>
                <xs:element name="exhibitionTitle" type="xs:string" minOccurs="0" maxOccurs="1">
                    <xs:annotation>
                        <xs:documentation>展览名称</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="curator" type="xs:string" minOccurs="0" maxOccurs="1">
                    <xs:annotation>
                        <xs:documentation>策展者</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="venue" type="xs:string" minOccurs="0" maxOccurs="1">
                    <xs:annotation>
                        <xs:documentation>展览地点</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="exhibitionDate" type="DateType" minOccurs="0" maxOccurs="1">
                    <xs:annotation>
                        <xs:documentation>展览时间</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="exhibitionPublication" type="xs:string" minOccurs="0" maxOccurs="1">
                    <xs:annotation>
                        <xs:documentation>展览出版物</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="relatedDigitalResourcesType2">
```

```xml
<xs:annotation>
    <xs:documentation>数字对象</xs:documentation>
</xs:annotation>
<xs:sequence>
    <xs:element name="digitalResourceTitle" type="xs:string"/>
    <xs:element name="digitalResourceIdentificationNumber" type="xs:string" minOccurs="0"
maxOccurs="1">
        <xs:annotation>
            <xs:documentation>数字对象识别号</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="digitalResourceRelationType" type="digitalResourceRelationTypeType"
minOccurs="0" maxOccurs="1">
        <xs:annotation>
            <xs:documentation>数字对象关系类型</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="digitalResourceFormat" type="xs:string" minOccurs="0" maxOccurs="1">
        <xs:annotation>
            <xs:documentation>数字对象文件格式</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="digitalResourceCreationDate" type="DateType" minOccurs="0"
maxOccurs="1">
        <xs:annotation>
            <xs:documentation>数字对象文件日期</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="digitalResourceCreator" type="xs:string" minOccurs="0"
maxOccurs="unbounded">
        <xs:annotation>
            <xs:documentation>数字对象创建者</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="digitalResourceOwner" type="xs:string" minOccurs="0"
maxOccurs="unbounded">
        <xs:annotation>
            <xs:documentation>数字对象所属机构</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="digitalResourceRights" type="xs:string" minOccurs="0"
maxOccurs="unbounded">
        <xs:annotation>
            <xs:documentation>数字对象权限</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="digitalResourceDescription" type="xs:string" minOccurs="0"
maxOccurs="unbounded">
        <xs:annotation>
            <xs:documentation>数字对象描述</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="digitalResourceLink" type="xs:anyURI" minOccurs="0"
maxOccurs="unbounded">
        <xs:annotation>
            <xs:documentation>数字对象链接</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="imageColor" type="xs:string" minOccurs="0" maxOccurs="unbounded">
        <xs:annotation>
            <xs:documentation>数字对象颜色</xs:documentation>
        </xs:annotation>
    </xs:element>
```

```xml
            <xs:element          name="imageViewtype"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>数字对象视图类型</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="resolution" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>数字对象分辨率</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="provenanceType">
            <xs:annotation>
                <xs:documentation>流传经历</xs:documentation>
            </xs:annotation>
            <xs:sequence>
                <xs:element          name="provenanceDescription"          type="xs:string"          minOccurs="1"
maxOccurs="unbounded"/>
                <xs:element name="date" type="DateType" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>时间</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="owner" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>收藏单位/个人</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="ornamentationType">
            <xs:annotation>
                <xs:documentation>纹饰</xs:documentation>
            </xs:annotation>
            <xs:sequence>
                <xs:element          name="ornamentationDescription"          type="xs:string"          minOccurs="1"
maxOccurs="unbounded"/>
                <xs:element          name="ornamentationType"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>纹饰类型</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element          name="ornamentationPosition"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>纹饰位置</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element          name="ornamentationLinegraph"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>纹饰线图</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="traceType">
            <xs:annotation>
                <xs:documentation>痕迹</xs:documentation>
            </xs:annotation>
```

```xml
        <xs:sequence>
            <xs:element          name="traceDescription"          type="xs:string"          minOccurs="1"
maxOccurs="unbounded"/>
            <xs:element name="traceOfUse" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>使用痕迹</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="traceOfMake" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>制作痕迹</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="traceOfRepair" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>修补痕迹</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:schema>
```

17 陶器类文物元数据 XML Schema

```xml
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns="http://www.nlc.cn/relicCore/XMLSchema"
targetNamespace="http://www.nlc.cn/relicCore/XMLSchema"          elementFormDefault="qualified"
attributeFormDefault="unqualified">
    <xs:include schemaLocation="relicCore.xsd"/>
    <xs:element name="potteryMetadata" type="potteryType">
        <xs:annotation>
            <xs:documentation>可移动文物陶器类专门元数据</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:complexType name="potteryType">
        <xs:sequence>
            <xs:element name="workType" type="workTypeType" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>文物类型</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="title" type="titleType" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>名称</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="identifier" type="identifierType">
                <xs:annotation>
                    <xs:documentation>文物识别号</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element    name="currentLocation"    type="currentLocationType2"    minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>所在位置</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="creation" type="creationType" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>创作</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element        name="materials"        type="materialsType2"        minOccurs="1"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>材质</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element        name="techniques"        type="techniquesType2"        minOccurs="1"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>工艺技法</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element        name="measurements"        type="measurementsType2"        minOccurs="0"
maxOccurs="1">
                <xs:annotation>
                    <xs:documentation>计量</xs:documentation>
                </xs:annotation>
            </xs:element>
```

```xml
<xs:element name="description" type="xs:string" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>描述</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="inscriptionsOrMarks" type="inscriptionsOrMarksType2" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>题识/标记</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="subject" type="xs:string" minOccurs="1" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>主题</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="archaeologicalInformation" type="archaeologicalInformationType2" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>考古发掘</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="level" type="levelType" minOccurs="0" maxOccurs="unbounded">
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        <xs:documentation>级别</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="currentCondition" type="currentConditionType" minOccurs="0" maxOccurs="1">
    <xs:annotation>
        <xs:documentation>现状</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="source" type="sourceType" minOccurs="0" maxOccurs="1">
    <xs:annotation>
        <xs:documentation>来源</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="copyrightOrRestrictions" type="xs:string" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>权限</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="exhibitionOrLoanHistory" type="exhibitionOrLoanHistoryType2" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>展览/借展史</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="relatedDigitalResources" type="relatedDigitalResourcesType2" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>数字对象</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="relatedWorks" type="relatedWorksType" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>相关文物</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="relatedKnowledge" type="relatedKnowledgeType" minOccurs="0"
```

```
maxOccurs="unbounded">
                        <xs:annotation>
                            <xs:documentation>相关知识</xs:documentation>
                        </xs:annotation>
                    </xs:element>
                    <xs:element        name="provenance"        type="provenanceType"        minOccurs="0"
maxOccurs="unbounded">
                        <xs:annotation>
                            <xs:documentation>流传经历</xs:documentation>
                        </xs:annotation>
                    </xs:element>
                    <xs:element        name="ornamentation"        type="provenanceType"        minOccurs="0"
maxOccurs="unbounded">
                        <xs:annotation>
                            <xs:documentation>纹饰</xs:documentation>
                        </xs:annotation>
                    </xs:element>
                    <xs:element name="trace" type="traceType" minOccurs="0" maxOccurs="unbounded">
                        <xs:annotation>
                            <xs:documentation>痕迹</xs:documentation>
                        </xs:annotation>
                    </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="currentLocationType2">
            <xs:annotation>
                <xs:documentation>所在位置</xs:documentation>
            </xs:annotation>
            <xs:sequence>
                <xs:element name="formalCurrentLocation" type="xs:string"/>
                <xs:element        name="geographicLocation"        type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>地理名称</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="accessionDate" type="xs:date" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>入藏日期</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="materialsType2">
            <xs:annotation>
                <xs:documentation>材质</xs:documentation>
            </xs:annotation>
            <xs:sequence>
                <xs:element name="materialsDescription" type="xs:string"/>
                <xs:element name="paste" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>陶系</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element        name="glazesAndColors"        type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>釉彩</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="techniquesType2">
```

```
        <xs:annotation>
            <xs:documentation>工艺技法</xs:documentation>
        </xs:annotation>
        <xs:sequence>
            <xs:element name="techniquesDescription" type="xs:string"/>
            <xs:element      name="figuringTechniques"      type="xs:string"      minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>成型技法</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element      name="fixingTechniques"      type="xs:string"      minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>修理技法</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element      name="decoratingTechniques"      type="xs:string"      minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>装饰技法</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element      name="glazingTechniques"      type="xs:string"      minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>施釉技法</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element      name="firingTechniques"      type="xs:string"      minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>烧成技法</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="measurementsType2">
        <xs:annotation>
            <xs:documentation>计量</xs:documentation>
        </xs:annotation>
        <xs:sequence>
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maxOccurs="unbounded"/>
            <xs:element name="dimensions" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>尺寸</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="volumes" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>容积</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="mass" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>质量</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="quantity" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>数量</xs:documentation>
                </xs:annotation>
```

```xml
                </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="inscriptionsOrMarksType2">
        <xs:annotation>
            <xs:documentation>题识/标记</xs:documentation>
        </xs:annotation>
        <xs:sequence>
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maxOccurs="unbounded"/>
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maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>语种</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element    name="inscriptionsOrMarksLocation"    type="xs:string"    minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>位置</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element    name="punctuatedTranscription"    type="xs:string"    minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>释文</xs:documentation>
                </xs:annotation>
            </xs:element>
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maxOccurs="unbounded">
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                    <xs:documentation>字体</xs:documentation>
                </xs:annotation>
            </xs:element>
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maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>摹本</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element    name="inscriptionORMarksRubbings"    type="xs:string"    minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>拓片</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="archaeologicalInformationType2">
        <xs:annotation>
            <xs:documentation>考古发掘</xs:documentation>
        </xs:annotation>
        <xs:sequence>
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maxOccurs="unbounded"/>
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maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>出土时间</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element    name="excavationPlace"    type="xs:string"    minOccurs="0"
maxOccurs="unbounded">
```

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```
                    <xs:annotation>
                        <xs:documentation>出土地点</xs:documentation>
                    </xs:annotation>
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                    <xs:annotation>
                        <xs:documentation>出土位置</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element           name="excavatedNumber"         type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>出土编号</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="excavator" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>发掘者</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="siteDate" type="xs:string" minOccurs="0" maxOccurs="unbounded">
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                        <xs:documentation>遗存时代</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="exhibitionOrLoanHistoryType2">
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                <xs:documentation>展览/借展史</xs:documentation>
            </xs:annotation>
            <xs:sequence>
                <xs:element name="exhibitionTitle" type="xs:string" minOccurs="0" maxOccurs="1">
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                        <xs:documentation>展览名称</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="curator" type="xs:string" minOccurs="0" maxOccurs="1">
                    <xs:annotation>
                        <xs:documentation>策展者</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="venue" type="xs:string" minOccurs="0" maxOccurs="1">
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                        <xs:documentation>展览地点</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="exhibitionDate" type="DateType" minOccurs="0" maxOccurs="1">
                    <xs:annotation>
                        <xs:documentation>展览时间</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="exhibitionPublication" type="xs:string" minOccurs="0" maxOccurs="1">
                    <xs:annotation>
                        <xs:documentation>展览出版物</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="relatedDigitalResourcesType2">
            <xs:annotation>
                <xs:documentation>数字对象</xs:documentation>
            </xs:annotation>
```

```
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    <xs:element   name="digitalResourceIdentificationNumber"   type="xs:string"   minOccurs="0"
maxOccurs="1">
        <xs:annotation>
            <xs:documentation>数字对象识别号</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element    name="digitalResourceRelationType"    type="digitalResourceRelationTypeType"
minOccurs="0" maxOccurs="1">
        <xs:annotation>
            <xs:documentation>数字对象关系类型</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="digitalResourceFormat" type="xs:string" minOccurs="0" maxOccurs="1">
        <xs:annotation>
            <xs:documentation>数字对象文件格式</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element    name="digitalResourceCreationDate"    type="DateType"    minOccurs="0"
maxOccurs="1">
        <xs:annotation>
            <xs:documentation>数字对象文件日期</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element        name="digitalResourceCreator"        type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
        <xs:annotation>
            <xs:documentation>数字对象创建者</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element        name="digitalResourceOwner"        type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
        <xs:annotation>
            <xs:documentation>数字对象所属机构</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element        name="digitalResourceRights"        type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
        <xs:annotation>
            <xs:documentation>数字对象权限</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element        name="digitalResourceDescription"        type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
        <xs:annotation>
            <xs:documentation>数字对象描述</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element        name="digitalResourceLink"        type="xs:anyURI"        minOccurs="0"
maxOccurs="unbounded">
        <xs:annotation>
            <xs:documentation>数字对象链接</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element        name="digitalResourceColor"        type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
        <xs:annotation>
            <xs:documentation>数字对象颜色</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element        name="digitalResourceViewType"        type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
```

```xml
					<xs:annotation>
						<xs:documentation>数字对象视图类型</xs:documentation>
					</xs:annotation>
				</xs:element>
				<xs:element name="resolution" type="xs:string" minOccurs="0" maxOccurs="unbounded">
					<xs:annotation>
						<xs:documentation>数字对象分辨率</xs:documentation>
					</xs:annotation>
				</xs:element>
			</xs:sequence>
		</xs:complexType>
		<xs:complexType name="provenanceType">
			<xs:annotation>
				<xs:documentation>流传经历</xs:documentation>
			</xs:annotation>
			<xs:sequence>
				<xs:element name="provenanceDescription" type="xs:string" minOccurs="1" maxOccurs="unbounded"/>
				<xs:element name="date" type="DateType" minOccurs="0" maxOccurs="unbounded">
					<xs:annotation>
						<xs:documentation>时间</xs:documentation>
					</xs:annotation>
				</xs:element>
				<xs:element name="owner" type="xs:string" minOccurs="0" maxOccurs="unbounded">
					<xs:annotation>
						<xs:documentation>收藏单位/个人</xs:documentation>
					</xs:annotation>
				</xs:element>
			</xs:sequence>
		</xs:complexType>
		<xs:complexType name="ornamentationType">
			<xs:annotation>
				<xs:documentation>纹饰</xs:documentation>
			</xs:annotation>
			<xs:sequence>
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				<xs:element name="ornamentationType" type="xs:string" minOccurs="0" maxOccurs="unbounded">
					<xs:annotation>
						<xs:documentation>纹饰类型</xs:documentation>
					</xs:annotation>
				</xs:element>
				<xs:element name="ornamentationPosition" type="xs:string" minOccurs="0" maxOccurs="unbounded">
					<xs:annotation>
						<xs:documentation>纹饰位置</xs:documentation>
					</xs:annotation>
				</xs:element>
				<xs:element name="ornamentationRubbings" type="xs:string" minOccurs="0" maxOccurs="unbounded">
					<xs:annotation>
						<xs:documentation>纹饰拓片</xs:documentation>
					</xs:annotation>
				</xs:element>
				<xs:element name="ornamentationLinegraph" type="xs:string" minOccurs="0" maxOccurs="unbounded">
					<xs:annotation>
						<xs:documentation>纹饰线图</xs:documentation>
					</xs:annotation>
				</xs:element>
			</xs:sequence>
		</xs:complexType>
```

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```xml
<xs:complexType name="traceType">
    <xs:annotation>
        <xs:documentation>痕迹</xs:documentation>
    </xs:annotation>
    <xs:sequence>
        <xs:element name="traceDescription" type="xs:string" minOccurs="1" maxOccurs="unbounded"/>
        <xs:element name="traceOfUse" type="xs:string" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>使用痕迹</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="traceOfMake" type="xs:string" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>制作痕迹</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="traceOfRepair" type="xs:string" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>修补痕迹</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>
</xs:schema>
```

18 拓片元数据 XML Schema

```xml
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns="http://www.nlc.cn/relicCore/XMLSchema"
targetNamespace="http://www.nlc.cn/relicCore/XMLSchema"                elementFormDefault="qualified"
attributeFormDefault="unqualified">
    <xs:include schemaLocation="relicCore.xsd"/>
    <xs:element name="rubbingsMetadata" type="rubbingsMetadataType">
        <xs:annotation>
            <xs:documentation>可移动文物拓片类专门元数据</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:complexType name="rubbingsMetadataType">
        <xs:sequence>
            <xs:element name="workType" type="workTypeType" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>文物类型</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="title" type="titleType2" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>名称</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="identifier" type="identifierType">
                <xs:annotation>
                    <xs:documentation>文物识别号</xs:documentation>
                </xs:annotation>
            </xs:element>
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maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>所在位置</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="creation" type="creationType2" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>传拓制作</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="materials" type="xs:string" minOccurs="1" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>材质</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="techniques" type="xs:string" minOccurs="1" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>工艺技法</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element        name="measurements"       type="measurementsType2"        minOccurs="0"
maxOccurs="1">
                <xs:annotation>
                    <xs:documentation>计量</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element          name="description"         type="descriptionType2"         minOccurs="0"
maxOccurs="unbounded">
```

```xml
                    <xs:annotation>
                        <xs:documentation>附注</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element          name="inscriptionsOrMarks"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>题识/标记</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="subject" type="xs:string" minOccurs="1" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>主题</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="level" type="levelType" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>级别</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element          name="currentCondition"          type="currentConditionType"          minOccurs="0"
maxOccurs="1">
                    <xs:annotation>
                        <xs:documentation>现状</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="source" type="sourceType" minOccurs="0" maxOccurs="1">
                    <xs:annotation>
                        <xs:documentation>来源</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element          name="copyrightOrRestrictions"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>权限</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element          name="exhibitionOrLoanHistory"          type="exhibitionOrLoanHistoryType"
minOccurs="0" maxOccurs="unbounded">
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                        <xs:documentation>展览/借展史</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element          name="relatedDigitalResources"          type="relatedDigitalResourcesType"
minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>数字对象</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element          name="relatedWorks"          type="relatedWorksType"          minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>相关文物</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element     name="relatedKnowledge"     type="relatedKnowledgeType"     minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>相关知识</xs:documentation>
                    </xs:annotation>
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minOccurs="0" maxOccurs="unbounded">
```

```
                <xs:annotation>
                    <xs:documentation>金石原器物描述</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="edition" type="editionType" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>版本</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="language" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>语种</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element         name="handwriting"         type="handwritingType"         minOccurs="0"
maxOccurs="unbounded">
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                    <xs:documentation>书刻特征</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="fullText" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>录文</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="provenance" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>流传经历</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="titleType2">
        <xs:annotation>
            <xs:documentation>名称</xs:documentation>
        </xs:annotation>
        <xs:sequence>
            <xs:element name="formalTitle" type="xs:string"/>
            <xs:element          name="formerTitle"          type="titleFormatType"          minOccurs="0"
maxOccurs="unbounded">
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                    <xs:documentation>原名</xs:documentation>
                </xs:annotation>
            </xs:element>
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maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>首题</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element          name="headTitle"          type="titleFormatType"          minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>额题</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element         name="reverseSideTitle"         type="titleFormatType"         minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>阴首题</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element        name="reverseSideHeadTitle"        type="titleFormatType"        minOccurs="0"
```

```
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>阴额题</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element        name="coverTitle"        type="titleFormatType"        minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>盖题</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element        name="middleTitle"        type="titleFormatType"        minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>中题</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element        name="endTitle"        type="titleFormatType"        minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>尾题</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element        name="captionTitle"        type="titleFormatType"        minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>卷端题</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element        name="otherTitle"        type="titleFormatType"        minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>其他名称</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="currentLocationType2">
        <xs:annotation>
            <xs:documentation>所在位置</xs:documentation>
        </xs:annotation>
        <xs:sequence>
            <xs:element name="formalCurrentLocation" type="xs:string"/>
            <xs:element        name="geographicLocation"        type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
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                    <xs:documentation>地理名称</xs:documentation>
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            <xs:element name="accessionDate" type="xs:date" minOccurs="0" maxOccurs="unbounded">
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                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="creationType2">
        <xs:annotation>
            <xs:documentation>传拓制作</xs:documentation>
        </xs:annotation>
        <xs:sequence>
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                <xs:complexType>
```

```
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maxOccurs="unbounded">
                                    <xs:annotation>
                                            <xs:documentation>传拓者</xs:documentation>
                                    </xs:annotation>
                            </xs:element>
                            <xs:element          name="role"          type="xs:string"        minOccurs="1"
maxOccurs="unbounded">
                                    <xs:annotation>
                                            <xs:documentation>责任方式</xs:documentation>
                                    </xs:annotation>
                            </xs:element>
                            <xs:element    name="additionsToCreator"   type="xs:string"    minOccurs="1"
maxOccurs="unbounded">
                                    <xs:annotation>
                                            <xs:documentation>责任者说明</xs:documentation>
                                    </xs:annotation>
                            </xs:element>
                    </xs:sequence>
            </xs:complexType>
    </xs:element>
    <xs:element        name="rubbingCreationDate"        type="DateType"       minOccurs="0"
maxOccurs="unbounded">
            <xs:annotation>
                    <xs:documentation>传拓时间</xs:documentation>
            </xs:annotation>
    </xs:element>
    <xs:element        name="rubbingCreationPlace"        type="xs:string"       minOccurs="0"
maxOccurs="unbounded">
            <xs:annotation>
                    <xs:documentation>传拓地点</xs:documentation>
            </xs:annotation>
    </xs:element>
    <xs:element name="rubbingCollectionCompilers" minOccurs="0" maxOccurs="unbounded">
            <xs:complexType>
                    <xs:sequence>
                            <xs:element          name="rubbingCollectionCompiler"        type="xs:string"
minOccurs="1" maxOccurs="unbounded">
                                    <xs:annotation>
                                            <xs:documentation>丛拓编制者</xs:documentation>
                                    </xs:annotation>
                            </xs:element>
                            <xs:element          name="role"         type="xs:string"        minOccurs="1"
maxOccurs="unbounded">
                                    <xs:annotation>
                                            <xs:documentation>责任方式</xs:documentation>
                                    </xs:annotation>
                            </xs:element>
                            <xs:element    name="additionsToCreator"   type="xs:string"    minOccurs="1"
maxOccurs="unbounded">
                                    <xs:annotation>
                                            <xs:documentation>责任者说明</xs:documentation>
                                    </xs:annotation>
                            </xs:element>
                    </xs:sequence>
            </xs:complexType>
    </xs:element>
    <xs:element    name="rubbingCollectionCompiledDate"    type="DateType"    minOccurs="0"
maxOccurs="unbounded">
            <xs:annotation>
                    <xs:documentation>丛拓制作时间</xs:documentation>
            </xs:annotation>
```

```
                </xs:element>
                <xs:element     name="rubbingCollectionCompiledPlace"     type="xs:string"     minOccurs="0"
maxOccurs="unbounded">
                        <xs:annotation>
                                <xs:documentation>丛拓制作地点</xs:documentation>
                        </xs:annotation>
                </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="measurementsType2">
        <xs:annotation>
                <xs:documentation>计量</xs:documentation>
        </xs:annotation>
        <xs:sequence>
                <xs:element     name="measurementsDescription"     type="xs:string"     minOccurs="1"
maxOccurs="unbounded"/>
                <xs:element     name="mountingFormat"     type="xs:string"     minOccurs="0"
maxOccurs="unbounded">
                        <xs:annotation>
                                <xs:documentation>保存形态</xs:documentation>
                        </xs:annotation>
                </xs:element>
                <xs:element name="binding" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                        <xs:annotation>
                                <xs:documentation>装裱方式</xs:documentation>
                        </xs:annotation>
                </xs:element>
                <xs:element name="quantity" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                        <xs:annotation>
                                <xs:documentation>数量</xs:documentation>
                        </xs:annotation>
                </xs:element>
                <xs:element name="dimensions" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                        <xs:annotation>
                                <xs:documentation>尺寸</xs:documentation>
                        </xs:annotation>
                </xs:element>
                <xs:element     name="accompanyingMaterial"     type="xs:string"     minOccurs="0"
maxOccurs="unbounded">
                        <xs:annotation>
                                <xs:documentation>附件</xs:documentation>
                        </xs:annotation>
                </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="descriptionType2">
        <xs:annotation>
                <xs:documentation>附注</xs:documentation>
        </xs:annotation>
        <xs:sequence>
                <xs:element name="description" type="xs:string" minOccurs="0" maxOccurs="unbounded"/>
                <xs:element     name="engravingDescription"     type="xs:string"     minOccurs="0"
maxOccurs="unbounded">
                        <xs:annotation>
                                <xs:documentation>金石附注</xs:documentation>
                        </xs:annotation>
                </xs:element>
                <xs:element     name="rubbingDescription"     type="xs:string"     minOccurs="0"
maxOccurs="unbounded">
                        <xs:annotation>
                                <xs:documentation>拓片附注</xs:documentation>
                        </xs:annotation>
                </xs:element>
```

```xml
                <xs:element          name="seriesDescription"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>丛编附注</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element          name="sub-seriesDescription"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>子目附注</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="originalObjectDescriptionType">
            <xs:annotation>
                <xs:documentation>金石原器物描述</xs:documentation>
            </xs:annotation>
            <xs:sequence>
                <xs:element name="creators" minOccurs="0" maxOccurs="unbounded">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element          name="creator"          type="xs:string"          minOccurs="1"
maxOccurs="unbounded">
                                <xs:annotation>
                                    <xs:documentation>金石责任者</xs:documentation>
                                </xs:annotation>
                            </xs:element>
                            <xs:element          name="role"          type="xs:string"          minOccurs="1"
maxOccurs="unbounded">
                                <xs:annotation>
                                    <xs:documentation>责任方式</xs:documentation>
                                </xs:annotation>
                            </xs:element>
                            <xs:element    name="additionsToCreator"    type="xs:string"    minOccurs="1"
maxOccurs="unbounded">
                                <xs:annotation>
                                    <xs:documentation>责任者说明</xs:documentation>
                                </xs:annotation>
                            </xs:element>
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
                <xs:element name="creationDate" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>金石年代</xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element    name="chineseCalendar"    type="xs:string"    minOccurs="0"
maxOccurs="unbounded"/>
                            <xs:element    name="gregorianCalendar"    type="DateType"    minOccurs="0"
maxOccurs="unbounded"/>
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
                <xs:element name="creationPlace" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>金石刻立地</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element          name="excavationPlace"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
```

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```
                <xs:annotation>
                        <xs:documentation>金石出土地</xs:documentation>
                </xs:annotation>
        </xs:element>
        <xs:element          name="placeOfCollection"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                        <xs:documentation>金石收藏地</xs:documentation>
                </xs:annotation>
        </xs:element>
        <xs:element          name="excavationDate"          type="DateType"          minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                        <xs:documentation>出土时间</xs:documentation>
                </xs:annotation>
        </xs:element>
        <xs:element          name="objectMaterials"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                        <xs:documentation>金石材质</xs:documentation>
                </xs:annotation>
        </xs:element>
        <xs:element name="authenticity" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                        <xs:documentation>版刻</xs:documentation>
                </xs:annotation>
        </xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="editionType">
    <xs:annotation>
            <xs:documentation>版本</xs:documentation>
    </xs:annotation>
    <xs:sequence>
        <xs:element          name="editionDescription"          type="xs:string"          minOccurs="1"
maxOccurs="unbounded"/>
        <xs:element          name="editionStatement"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                        <xs:documentation>版本说明</xs:documentation>
                </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="handwritingType">
    <xs:annotation>
            <xs:documentation>书刻特征</xs:documentation>
    </xs:annotation>
    <xs:sequence>
        <xs:element          name="handwritingDescription"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded"/>
        <xs:element name="scriptForm" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                        <xs:documentation>书体</xs:documentation>
                </xs:annotation>
        </xs:element>
        <xs:element          name="writingAndEngraving"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                        <xs:documentation>镌刻特征</xs:documentation>
                </xs:annotation>
        </xs:element>
        <xs:element          name="lineAndCharacterCount"          type="xs:string"          minOccurs="0"
```

```
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>铭文行款</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element        name="numberOfCharacters"        type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>字数</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
</xs:schema>
```

19 雕塑类文物元数据 XML Schema

```xml
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns="http://www.nlc.cn/relicCore/XMLSchema"
targetNamespace="http://www.nlc.cn/relicCore/XMLSchema"           elementFormDefault="qualified"
attributeFormDefault="unqualified">
    <xs:include schemaLocation="relicCore.xsd"/>
    <xs:element name="sculptureMetadata" type="sculptureMetadataType">
        <xs:annotation>
            <xs:documentation>可移动文物雕塑类专门元数据</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:complexType name="sculptureMetadataType">
        <xs:sequence>
            <xs:element name="workType" type="workTypeType" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>文物类型</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="title" type="titleType" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>名称</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="identifier" type="identifierType">
                <xs:annotation>
                    <xs:documentation>文物识别号</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element     name="currentLocation"     type="currentLocationType2"     minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>所在位置</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="creation" type="creationType" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>创作</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="materials" type="xs:string" minOccurs="1" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>材质</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="techniques" type="xs:string" minOccurs="1" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>工艺技法</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element     name="measurements"     type="measurementsType"     minOccurs="0"
maxOccurs="1">
                <xs:annotation>
                    <xs:documentation>计量</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="description" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
```

```
                    <xs:documentation>描述</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element   name="inscriptionsOrMarks"   type="inscriptionsOrMarksType2"   minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>题识/标记</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="subject" type="xs:string" minOccurs="1" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>主题</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element     name="archaeologicalInformation"     type="archaeologicalInformationType"
minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>考古发掘</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="level" type="levelType" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>级别</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element    name="currentCondition"    type="currentConditionType"    minOccurs="0"
maxOccurs="1">
                <xs:annotation>
                    <xs:documentation>现状</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="source" type="sourceType" minOccurs="0" maxOccurs="1">
                <xs:annotation>
                    <xs:documentation>来源</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element    name="copyrightOrRestrictions"    type="xs:string"    minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>权限</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element    name="exhibitionOrLoanHistory"    type="exhibitionOrLoanHistoryType"
minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>展览/借展史</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element    name="relatedDigitalResources"    type="relatedDigitalResourcesType"
minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>数字对象</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element    name="relatedWorks"    type="relatedWorksType"    minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>相关文物</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element    name="relatedKnowledge"    type="relatedKnowledgeType"    minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
```

```
                <xs:documentation>相关知识</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element          name="surfaceOrnamentation"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>纹饰</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="facture" type="xs:string" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>制作方法</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="currentLocationType2">
    <xs:annotation>
        <xs:documentation>所在位置</xs:documentation>
    </xs:annotation>
    <xs:sequence>
        <xs:element name="formalCurrentLocation" type="xs:string"/>
        <xs:element          name="geographicLocation"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>地理名称</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="accessionDate" type="xs:date" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>入藏日期</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="inscriptionsOrMarksType2">
    <xs:annotation>
        <xs:documentation>题识/标记</xs:documentation>
    </xs:annotation>
    <xs:sequence>
        <xs:element          name="inscriptionsOrMarksDescription"          type="xs:string"          minOccurs="1"
maxOccurs="unbounded"/>
        <xs:element name="language" type="xs:string" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>语种</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="type" type="xs:string" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>类型</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="location" type="xs:string" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>位置</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element          name="numberOfWords"          type="xs:string"          minOccurs="0"
maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>字数</xs:documentation>
            </xs:annotation>
        </xs:element>
```

```xml
                <xs:element name="script" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>字体</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
</xs:schema>
```

20 石刻类文物元数据 XML Schema

```xml
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns="http://www.nlc.cn/relicCore/XMLSchema"
targetNamespace="http://www.nlc.cn/relicCore/XMLSchema"                elementFormDefault="qualified"
attributeFormDefault="unqualified">
    <xs:include schemaLocation="relicCore.xsd"/>
    <xs:element name="stoneCarvingsMetadata" type="stoneCarvingsMetadataType">
        <xs:annotation>
            <xs:documentation>不可移动文物石刻类专门元数据</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:complexType name="stoneCarvingsMetadataType">
        <xs:sequence>
            <xs:element name="workType" type="workTypeType" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>文物类型</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="title" type="titleType2" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>名称</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="identifier" type="identifierType">
                <xs:annotation>
                    <xs:documentation>文物识别号</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element      name="currentLocation"      type="currentLocationType"      minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>所在位置</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="creation" type="creationType2" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>创作</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="materials" type="xs:string" minOccurs="1" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>材质</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="techniques" type="xs:string" minOccurs="1" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>工艺技法</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element      name="measurements"      type="measurementsType2"      minOccurs="0"
maxOccurs="1">
                <xs:annotation>
                    <xs:documentation>计量</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="description" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
```

```
            <xs:documentation>描述</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element    name="inscriptionsOrMarks"    type="inscriptionsOrMarksType2"    minOccurs="0"
maxOccurs="unbounded">
        <xs:annotation>
            <xs:documentation>题识/标记</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="subject" type="xs:string" minOccurs="1" maxOccurs="unbounded">
        <xs:annotation>
            <xs:documentation>主题</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element        name="archaeologicalInformation"        type="archaeologicalInformationType"
minOccurs="0" maxOccurs="unbounded">
        <xs:annotation>
            <xs:documentation>考古发掘</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="level" type="levelType" minOccurs="0" maxOccurs="unbounded">
        <xs:annotation>
            <xs:documentation>级别</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element    name="currentCondition"    type="currentConditionType"    minOccurs="0"
maxOccurs="1">
        <xs:annotation>
            <xs:documentation>现状</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="source" type="sourceType" minOccurs="0" maxOccurs="1">
        <xs:annotation>
            <xs:documentation>来源</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element        name="copyrightOrRestrictions"        type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
        <xs:annotation>
            <xs:documentation>权限</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element        name="exhibitionOrLoanHistory"        type="exhibitionOrLoanHistoryType2"
minOccurs="0" maxOccurs="unbounded">
        <xs:annotation>
            <xs:documentation>展览/借展史</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element        name="relatedDigitalResources"        type="relatedDigitalResourcesType"
minOccurs="0" maxOccurs="unbounded">
        <xs:annotation>
            <xs:documentation>数字对象</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element        name="relatedWorks"        type="relatedWorksType"        minOccurs="0"
maxOccurs="unbounded">
        <xs:annotation>
            <xs:documentation>相关文物</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element    name="relatedKnowledge"    type="relatedKnowledgeType"    minOccurs="0"
maxOccurs="unbounded">
        <xs:annotation>
```

```xml
                    <xs:documentation>相关知识</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element        name="ornament"        type="ornamentType"        minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>纹饰</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="shape" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>形制</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="titleType2">
        <xs:annotation>
            <xs:documentation>名称</xs:documentation>
        </xs:annotation>
        <xs:sequence>
            <xs:element name="formalTitle" type="xs:string"/>
            <xs:element        name="formerTitle"        type="titleFormatType"        minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>原名</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element        name="otherTitle"        type="titleFormatType"        minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>其他名称</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element        name="firstTitle"        type="titleFormatType"        minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>首题</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element        name="headTitle"        type="titleFormatType"        minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>额题</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element        name="reverseSideTitle"        type="titleFormatType"        minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>阴首题</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element        name="reverseSideHeadTitle"        type="titleFormatType"        minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>阴额题</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element        name="coverTitle"        type="titleFormatType"        minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>盖题</xs:documentation>
                </xs:annotation>
```

```xml
                    </xs:element>
                    <xs:element name="middleTitle" type="titleFormatType" minOccurs="0"
maxOccurs="unbounded">
                        <xs:annotation>
                            <xs:documentation>中题</xs:documentation>
                        </xs:annotation>
                    </xs:element>
                    <xs:element name="endTitle" type="titleFormatType" minOccurs="0"
maxOccurs="unbounded">
                        <xs:annotation>
                            <xs:documentation>尾题</xs:documentation>
                        </xs:annotation>
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                </xs:sequence>
            </xs:complexType>
            <xs:complexType name="creationType2">
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                    <xs:documentation>创作</xs:documentation>
                </xs:annotation>
                <xs:sequence>
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                            <xs:sequence>
                                <xs:element name="creator" type="xs:string" minOccurs="1"
maxOccurs="unbounded">
                                    <xs:annotation>
                                        <xs:documentation>创作者</xs:documentation>
                                    </xs:annotation>
                                </xs:element>
                                <xs:element name="role" type="xs:string" minOccurs="1"
maxOccurs="unbounded">
                                    <xs:annotation>
                                        <xs:documentation>创作方式</xs:documentation>
                                    </xs:annotation>
                                </xs:element>
                            </xs:sequence>
                        </xs:complexType>
                    </xs:element>
                    <xs:element name="creationDate" type="DateType" minOccurs="0" maxOccurs="unbounded">
                        <xs:annotation>
                            <xs:documentation>创作时间</xs:documentation>
                        </xs:annotation>
                    </xs:element>
                    <xs:element name="creationPlace" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                        <xs:annotation>
                            <xs:documentation>创作地点</xs:documentation>
                        </xs:annotation>
                    </xs:element>
                </xs:sequence>
            </xs:complexType>
            <xs:complexType name="measurementsType2">
                <xs:annotation>
                    <xs:documentation>计量</xs:documentation>
                </xs:annotation>
                <xs:sequence>
                    <xs:element name="measurementsDescription" type="xs:string" minOccurs="1"
maxOccurs="unbounded"/>
                    <xs:element name="dimensions" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                        <xs:annotation>
                            <xs:documentation>尺寸</xs:documentation>
                        </xs:annotation>
                    </xs:element>
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```

```xml
                <xs:annotation>
                    <xs:documentation>数量</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="inscriptionsOrMarksType2">
        <xs:annotation>
            <xs:documentation>题识/标记</xs:documentation>
        </xs:annotation>
        <xs:sequence>
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maxOccurs="unbounded"/>
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                    <xs:documentation>铭文</xs:documentation>
                </xs:annotation>
            </xs:element>
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                <xs:annotation>
                    <xs:documentation>书体</xs:documentation>
                </xs:annotation>
            </xs:element>
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maxOccurs="unbounded">
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                    <xs:documentation>书写特征</xs:documentation>
                </xs:annotation>
            </xs:element>
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                    <xs:documentation>铭文行款</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="exhibitionOrLoanHistoryType2">
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            <xs:documentation>展览/借展史</xs:documentation>
        </xs:annotation>
        <xs:sequence>
            <xs:element name="exhibitionTitle" type="xs:string" minOccurs="0" maxOccurs="1">
                <xs:annotation>
                    <xs:documentation>展览名称</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="curator" type="xs:string" minOccurs="0" maxOccurs="1">
                <xs:annotation>
                    <xs:documentation>策展者</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="venue" type="xs:string" minOccurs="0" maxOccurs="1">
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                    <xs:documentation>展览地点</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="exhibitionDate" type="DateType" minOccurs="0" maxOccurs="1">
                <xs:annotation>
                    <xs:documentation>展览时间</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="exhibitionNote" type="xs:string" minOccurs="0" maxOccurs="1">
```

```
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                </xs:annotation>
            </xs:element>
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        </xs:annotation>
        <xs:sequence>
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maxOccurs="unbounded"/>
            <xs:element          name="ornamentPosition"         type="xs:string"        minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                        <xs:documentation>纹饰部位</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="ornamentWay" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                        <xs:documentation>纹饰方式</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:schema>
```

21 文物元数据公用 **XML Schema**

```xml
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns="http://www.nlc.cn/relicCore/XMLSchema" targetNamespace="http://www.nlc.cn/relicCore/XMLSchema" elementFormDefault="qualified" attributeFormDefault="unqualified">
    <xs:complexType name="workTypeType">
        <xs:annotation>
            <xs:documentation>文物类型</xs:documentation>
        </xs:annotation>
        <xs:sequence>
            <xs:element name="SACHclassification" type="classificationType" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>国家文物局普查分类</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="localClassification" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>本地分类</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
        <xs:attribute name="中国文物分类主题词表" type="xs:string" use="required"/>
    </xs:complexType>
    <xs:complexType name="titleType">
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        </xs:annotation>
        <xs:sequence>
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            <xs:element name="formerTitle" type="titleFormatType" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>原名</xs:documentation>
                </xs:annotation>
            </xs:element>
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                <xs:annotation>
                    <xs:documentation>其他名称</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="identifierType">
        <xs:annotation>
            <xs:documentation>文物识别号</xs:documentation>
        </xs:annotation>
        <xs:sequence>
            <xs:element name="generalRegistrationNumber" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>总登记号</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="otherLocalNumber" type="xs:string" minOccurs="0" maxOccurs="unbou
```

```xml
nded">
					<xs:annotation>
						<xs:documentation>其他本地号</xs:documentation>
					</xs:annotation>
				</xs:element>
			</xs:sequence>
		</xs:complexType>
		<xs:complexType  name="currentLocationType">
			<xs:annotation>
				<xs:documentation>所在位置</xs:documentation>
			</xs:annotation>
			<xs:sequence>
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				<xs:element  name="geographicLocation"  type="xs:string"  minOccurs="0"  maxOccurs="unbou
nded">
					<xs:annotation>
						<xs:documentation>地理名称</xs:documentation>
					</xs:annotation>
				</xs:element>
				<xs:element  name="administration"  type="xs:string"  minOccurs="0"  maxOccurs="unbounded
">
					<xs:annotation>
						<xs:documentation>管理机构名称</xs:documentation>
					</xs:annotation>
				</xs:element>
				<xs:element  name="accessionDate"  type="xs:date"  minOccurs="0"  maxOccurs="unbounded
">
					<xs:annotation>
						<xs:documentation>入藏日期</xs:documentation>
					</xs:annotation>
				</xs:element>
			</xs:sequence>
		</xs:complexType>
		<xs:complexType  name="creationType">
			<xs:annotation>
				<xs:documentation>创作</xs:documentation>
			</xs:annotation>
			<xs:sequence>
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						<xs:documentation>创作者</xs:documentation>
					</xs:annotation>
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				<xs:element  name="creationDate"  type="DateType"  minOccurs="0"  maxOccurs="unbounded
">
					<xs:annotation>
						<xs:documentation>创作时间</xs:documentation>
					</xs:annotation>
				</xs:element>
				<xs:element  name="creationPlace"  type="xs:string"  minOccurs="0"  maxOccurs="unbounded
">
					<xs:annotation>
						<xs:documentation>创作地点</xs:documentation>
					</xs:annotation>
				</xs:element>
			</xs:sequence>
		</xs:complexType>
		<xs:complexType  name="measurementsType">
			<xs:annotation>
				<xs:documentation>计量</xs:documentation>
			</xs:annotation>
			<xs:sequence>
				<xs:element  name="measurementsDescription"  type="xs:string"  minOccurs="1"  maxOccurs=
```

"unbounded"/>
```
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                        <xs:documentation>尺寸</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="mass" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>质量</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="quantity" type="xs:string" minOccurs="0" maxOccurs="unbounded">
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                        <xs:documentation>数量</xs:documentation>
                    </xs:annotation>
                </xs:element>
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                <xs:documentation>考古发掘</xs:documentation>
            </xs:annotation>
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ed">
                    <xs:annotation>
                        <xs:documentation>出土时间</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="excavationPlace" type="xs:string" minOccurs="0" maxOccurs="unbounde
d">
                    <xs:annotation>
                        <xs:documentation>出土地点</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="excavator" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>发掘者</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="currentConditionType">
            <xs:annotation>
                <xs:documentation>现状</xs:documentation>
            </xs:annotation>
            <xs:sequence>
                <xs:element name="currentConditionDescription" type="xs:string" minOccurs="1" maxOccur
s="unbounded"/>
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maxOccurs="1">
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                        <xs:documentation>完残程度</xs:documentation>
                    </xs:annotation>
                </xs:element>
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                        <xs:documentation>保护优先等级</xs:documentation>
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            </xs:sequence>
```

```xml
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                <xs:sequence>
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                            <xs:documentation>来源单位/个人</xs:documentation>
                        </xs:annotation>
                    </xs:element>
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                            <xs:documentation>来源方式</xs:documentation>
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                    </xs:element>
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                        <xs:annotation>
                            <xs:documentation>入馆日期</xs:documentation>
                        </xs:annotation>
                    </xs:element>
                </xs:sequence>
            </xs:complexType>
            <xs:complexType name="exhibitionOrLoanHistoryType">
                <xs:annotation>
                    <xs:documentation>展览/借展史</xs:documentation>
                </xs:annotation>
                <xs:sequence>
                    <xs:element name="exhibitionTitle" type="xs:string" minOccurs="0" maxOccurs="1">
                        <xs:annotation>
                            <xs:documentation>展览名称</xs:documentation>
                        </xs:annotation>
                    </xs:element>
                    <xs:element name="curator" type="xs:string" minOccurs="0" maxOccurs="1">
                        <xs:annotation>
                            <xs:documentation>策展者</xs:documentation>
                        </xs:annotation>
                    </xs:element>
                    <xs:element name="venue" type="xs:string" minOccurs="0" maxOccurs="1">
                        <xs:annotation>
                            <xs:documentation>展览地点</xs:documentation>
                        </xs:annotation>
                    </xs:element>
                    <xs:element name="exhibitionDate" type="DateType" minOccurs="0" maxOccurs="1">
                        <xs:annotation>
                            <xs:documentation>展览时间</xs:documentation>
                        </xs:annotation>
                    </xs:element>
                </xs:sequence>
            </xs:complexType>
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                </xs:annotation>
                <xs:sequence>
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                    <xs:element name="digitalResourceIdentificationNumber" type="xs:string" minOccurs="0" maxOccurs="1">
                        <xs:annotation>
                            <xs:documentation>数字对象识别号</xs:documentation>
```

```
            </xs:annotation>
        </xs:element>
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nOccurs="0"  maxOccurs="1">
            <xs:annotation>
                <xs:documentation>数字对象关系类型</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element  name="digitalResourceFormat"  type="xs:string"  minOccurs="0"  maxOccurs="1">
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                <xs:documentation>数字对象文件格式</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element  name="digitalResourceCreationDate"  type="DateType"  minOccu
rs="1">
            <xs:annotation>
                <xs:documentation>数字对象文件日期</xs:documentation>
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        </xs:element>
        <xs:element  name="digitalResourceCreator"  type="xs:string"  minOccurs="0"  maxOccurs="un
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            <xs:annotation>
                <xs:documentation>数字对象创建者</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element  name="digitalResourceOwner"  type="xs:string"  minOccurs="0"  maxOccurs="unb
ounded">
            <xs:annotation>
                <xs:documentation>数字对象所属机构</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element  name="digitalResourceRights"  type="xs:string"  minOccurs="0"  maxOccurs="unb
ounded">
            <xs:annotation>
                <xs:documentation>数字对象权限</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element  name="digitalResourceDescription"  type="xs:string"  minOccurs="0"  maxOccurs=
"unbounded">
            <xs:annotation>
                <xs:documentation>数字对象描述</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element  name="digitalResourceLink"  type="xs:anyURI"  minOccurs="0"  maxOccurs="unbo
unded">
            <xs:annotation>
                <xs:documentation>数字对象链接</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>
<xs:complexType  name="relatedWorksType">
    <xs:annotation>
        <xs:documentation>相关文物</xs:documentation>
    </xs:annotation>
    <xs:sequence>
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        <xs:element  name="relatedWorkIdentifier"  type="identifierType"  minOccurs="0"  maxOccurs
="1">
            <xs:annotation>
                <xs:documentation>相关文物识别号</xs:documentation>
            </xs:annotation>
        </xs:element>
```

```xml
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                            </xs:annotation>
                        </xs:element>
                        <xs:element name="relatedWorkLink" type="xs:anyURI" minOccurs="0" maxOccurs="unbounded">
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                                <xs:documentation>相关文物链接</xs:documentation>
                            </xs:annotation>
                        </xs:element>
                        <xs:element name="relatedWorkLocation" type="xs:string" minOccurs="0" maxOccurs="1">
                            <xs:annotation>
                                <xs:documentation>相关文物藏址</xs:documentation>
                            </xs:annotation>
                        </xs:element>
                </xs:sequence>
        </xs:complexType>
        <xs:complexType name="relatedKnowledgeType">
            <xs:annotation>
                <xs:documentation>相关知识</xs:documentation>
            </xs:annotation>
            <xs:sequence>
                <xs:element name="relatedKnowledgeTitle" type="xs:string"/>
                <xs:element name="relatedKnowledgeSource" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>相关知识出处</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="relatedKnowledgeLink" type="xs:anyURI" minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>相关知识链接</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="titleFormatType">
            <xs:annotation>
                <xs:documentation>名称格式</xs:documentation>
            </xs:annotation>
            <xs:sequence>
                <xs:element name="titleName" type="xs:string"/>
            </xs:sequence>
            <xs:attribute name="language" type="languageType" default="chi"/>
        </xs:complexType>
        <xs:complexType name="DateType">
            <xs:annotation>
                <xs:documentation>日期格式</xs:documentation>
            </xs:annotation>
            <xs:choice>
                <xs:element name="accuracy" type="xs:date"/>
                <xs:element name="inaccuracy" type="xs:string" default="不详"/>
            </xs:choice>
        </xs:complexType>
        <xs:simpleType name="classificationType">
            <xs:annotation>
                <xs:documentation>分类表（《馆藏文物类别说明》35 种可移动文物和《第三次全国文物普查不可移动文物分类标准》规定的 6 种不可移动文物分类）</xs:documentation>
            </xs:annotation>
            <xs:restriction base="xs:string">
```

```xml
                    <xs:enumeration value="玉石器、宝石"/>
                    <xs:enumeration value="陶器"/>
                    <xs:enumeration value="瓷器"/>
                    <xs:enumeration value="铜器"/>
                    <xs:enumeration value="金银器"/>
                    <xs:enumeration value="铁器、其他金属器"/>
                    <xs:enumeration value="漆器"/>
                    <xs:enumeration value="雕塑、造像"/>
                    <xs:enumeration value="石器、石刻、砖瓦"/>
                    <xs:enumeration value="书法、绘画"/>
                    <xs:enumeration value="文具"/>
                    <xs:enumeration value="甲骨"/>
                    <xs:enumeration value="玺印符牌"/>
                    <xs:enumeration value="钱币"/>
                    <xs:enumeration value="牙骨角器"/>
                    <xs:enumeration value="竹木雕"/>
                    <xs:enumeration value="家具"/>
                    <xs:enumeration value="珐琅器"/>
                    <xs:enumeration value="织绣"/>
                    <xs:enumeration value="古籍善本"/>
                    <xs:enumeration value="碑帖拓本"/>
                    <xs:enumeration value="武器"/>
                    <xs:enumeration value="邮品"/>
                    <xs:enumeration value="文件、宣传品"/>
                    <xs:enumeration value="档案文书"/>
                    <xs:enumeration value="名人遗物"/>
                    <xs:enumeration value="玻璃器"/>
                    <xs:enumeration value="乐器、法器"/>
                    <xs:enumeration value="皮革"/>
                    <xs:enumeration value="音像制品"/>
                    <xs:enumeration value="票据"/>
                    <xs:enumeration value="交通、运输工具"/>
                    <xs:enumeration value="度量衡器"/>
                    <xs:enumeration value="标本、化石"/>
                    <xs:enumeration value="其他"/>
                    <xs:enumeration value="古遗址"/>
                    <xs:enumeration value="古墓葬"/>
                    <xs:enumeration value="古建筑"/>
                    <xs:enumeration value="石窟寺及石刻"/>
                    <xs:enumeration value="近现代重要史迹及代表性建筑"/>
            </xs:restriction>
        </xs:simpleType>
        <xs:simpleType name="languageType">
            <xs:annotation>
                <xs:documentation>语种</xs:documentation>
            </xs:annotation>
            <xs:restriction base="xs:string">
                <xs:pattern value="[a-z][a-z][a-z]"/>
            </xs:restriction>
        </xs:simpleType>
        <xs:simpleType name="levelType">
            <xs:annotation>
                <xs:documentation>级别表（可移动文物分为一级文物、二级文物、三级文物及一般文物等
级别，不可移动文物分为全国重点文物保护单位、省级文物保护单位、地（市）级文物保护单位、县（市）
级文物保护单位、未定级等 5 个级别）</xs:documentation>
            </xs:annotation>
            <xs:restriction base="xs:string">
                <xs:enumeration value="一级文物"/>
                <xs:enumeration value="二级文物"/>
                <xs:enumeration value="三级文物"/>
                <xs:enumeration value="一般文物"/>
                <xs:enumeration value="全国重点文物保护单位"/>
                <xs:enumeration value="省级文物保护单位"/>
```

```xml
                <xs:enumeration value="地（市）级文物保护单位"/>
                <xs:enumeration value="县（市）级文物保护单位"/>
                <xs:enumeration value="未定级"/>
            </xs:restriction>
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        <xs:simpleType name="levelOfCompletenessType">
            <xs:annotation>
                <xs:documentation>完残程度表（分为完整、基本完整、残缺、严重残缺（含缺失部件）四
类）</xs:documentation>
            </xs:annotation>
            <xs:restriction base="xs:string">
                <xs:enumeration value="完整"/>
                <xs:enumeration value="基本完整"/>
                <xs:enumeration value="残缺"/>
                <xs:enumeration value="严重残缺"/>
            </xs:restriction>
        </xs:simpleType>
        <xs:simpleType name="priorityType">
            <xs:annotation>
                <xs:documentation>保护优先表（分为状态稳定，日常维护，不需修复；部分损腐，需要保
护修复；腐蚀损毁严重，急需保护修复）</xs:documentation>
            </xs:annotation>
            <xs:restriction base="xs:string">
                <xs:enumeration value="状态稳定，日常维护，不需修复"/>
                <xs:enumeration value="部分损腐，需要保护修复"/>
                <xs:enumeration value="腐蚀损毁严重，急需保护修复"/>
            </xs:restriction>
        </xs:simpleType>
        <xs:simpleType name="transferModeType">
            <xs:annotation>
                <xs:documentation>来源方式表（包括收购、征集、捐赠、交换、拨交、移交、旧藏、发掘、
采集、拣选、其他等）</xs:documentation>
            </xs:annotation>
            <xs:restriction base="xs:string">
                <xs:enumeration value="收购"/>
                <xs:enumeration value="征集"/>
                <xs:enumeration value="捐赠"/>
                <xs:enumeration value="交换"/>
                <xs:enumeration value="拨交"/>
                <xs:enumeration value="移交"/>
                <xs:enumeration value="旧藏"/>
                <xs:enumeration value="发掘"/>
                <xs:enumeration value="采集"/>
                <xs:enumeration value="拣选"/>
                <xs:enumeration value="其他"/>
            </xs:restriction>
        </xs:simpleType>
        <xs:simpleType name="relationshipTypeType">
            <xs:annotation>
                <xs:documentation>相关文物关系类型表（包括：相关、组件、部分、模型、复制品、同坑
出土、同批来源等）</xs:documentation>
            </xs:annotation>
            <xs:restriction base="xs:string">
                <xs:enumeration value="相关"/>
                <xs:enumeration value="组件"/>
                <xs:enumeration value="部分"/>
                <xs:enumeration value="模型"/>
                <xs:enumeration value="复制品"/>
                <xs:enumeration value="同坑出土"/>
                <xs:enumeration value="同批来源"/>
                <xs:enumeration value="其他"/>
            </xs:restriction>
        </xs:simpleType>
```

```xml
<xs:simpleType  name="digitalResourceRelationTypeType">
    <xs:annotation>
        <xs:documentation>影像关系类型表（包括历史影像、保存影像或重建影像等）</xs:documentation>
    </xs:annotation>
    <xs:restriction  base="xs:string">
        <xs:enumeration  value="历史影像"/>
        <xs:enumeration  value="保存影像"/>
        <xs:enumeration  value="重建影像"/>
        <xs:enumeration  value="其他"/>
    </xs:restriction>
</xs:simpleType>
<xs:simpleType  name="resourceColorType">
    <xs:annotation>
        <xs:documentation>影像颜色表（包括黑白、彩色、深褐色、单色、256 灰阶等）</xs:documentation>
    </xs:annotation>
    <xs:restriction  base="xs:string">
        <xs:enumeration  value="黑白"/>
        <xs:enumeration  value="彩色"/>
        <xs:enumeration  value="深褐色"/>
        <xs:enumeration  value="单色"/>
        <xs:enumeration  value="256 灰阶"/>
        <xs:enumeration  value="其他"/>
    </xs:restriction>
</xs:simpleType>
</xs:schema>
```