**Table 1: DataCite Mandatory (M)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Properties *ID***  | ***Property***  | ***Obligation***  | ***Comments*** |
| 1  | Identifier (with type sub-property)  | M  | DOI, supplied by iPlant |
| 2  | Creator (with name identifier sub-properties)  | M  | PI, can have more than one |
| 3  | Title (with optional type sub-properties)  | M  |  |
| 4  | Publisher  | M  |  |
| 5  | PublicationYear  | M  |  |

**Table 2: DataCite Recommended (R) and Optional (O) Properties**

|  |  |  |  |
| --- | --- | --- | --- |
| ***ID***  | ***Property***  | ***Obligation***  | ***Comment*** |
| 6  | Subject (with scheme sub-property)  | R  | Can have more than one. Use these like keywords |
| 7  | Contributor (with type and name identifier sub-properties)  | R  | Can have more than one. We will send you list of types. |
| 8  | Date (with type sub-property)  | R  |  |
| 9  | Language  | O  |  |
| 10  | ResourceType (with general type description sub-property)  | R  |  |
| 11  | AlternateIdentifier (with type sub-property)  | O  |  |
| 12  | RelatedIdentifier (with type and relation type sub-properties)  | R  | Use this if you want to link to another resource that has a DOI, like a publication |
| 13  | Size  | O  |  |
| 14  | Format  | O  |  |
| 15  | Version  | O  |  |
| 16  | Rights  | O  |  |
| 17  | Description (with type sub-property)  | R  |  |
| 18  | GeoLocation (with point and box sub-properties)  | R  |  |