**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 |  |