## NZOR Data Validation

Validation occurs at various stages of the data flow through the NZOR system.

Data Provider

NZOR Harvester

NZOR

Data Importer

Data Integrator

Reporting System

|  |  |  |
| --- | --- | --- |
| Stage | Validation Check |  |
| Harvesting | XML is valid NZOR Provider XML |  |
|  |  |  |
| Importing | Provider is specified for the dataset and that provider is registered in the NZOR system with Attachment Points defined |  |
|  | All records have IDs |  |
|  | All Taxon records have Taxon Ranks specified (that is mappable to a rank in the NZOR system) |  |
|  | All Taxon records have a Canonical specified |  |
|  | All Taxon Concept relationship types can be mapped to an NZOR concept relationship type |  |
|  |  |  |
| Data Integrating | All Taxon records have a Parent Taxon specified (except the highest ranked Taxa in the dataset, which must attach to an Attachment Point). There must be 1 and only 1 Parent ConceptRelationship for a name (that has the InUse flag set to true) |  |
|  | All Vernacular Name records have a related Taxon Name to link to. |  |
|  | All referenced Taxon, Literature and Concept records must exist in the NZOR DB for that provider. |  |
|  |  |  |
|  |  |  |
| Reporting | Report on any records that do not fit within the defined Attachment Points for the associated provider |  |
|  | Report on any matches with slight spelling variations |  |
|  | Report on duplicate records for a provider |  |
|  |  |  |