**Delivery Method**

Our current method of delivery is via Dropbox link or direct download from our web site. We are currently implementing a REST API. We will provide all available versions of each deliverable, although only the most recent ones will be shown by default.

**Support**

If any issues are discovered with any of the deliverables, please send e-mail to:

**NamesforLife Support <support@namesforlife.com>**

E-mail to the above address is received by our curatorial and development staff.

In an emergency, send e-mail directly to Chuck (and cc George):

**Chuck Parker <chuck.t.parker@namesforlife.com>**

**George Garrity <garrity@namesforlife.com>**

And/or call us directly:

**Chuck Parker (228) 342-9346**

**George Garrity (517) 420-0525**

**Deliverables**

1. Taxonomy and Nomenclature
   1. Deliverable Name: **Condensed Prokaryotic Taxonomy Snapshot**  
      Filename: **N4L\_Taxonomy\_YYYYMMdd\_condensed.tsv**

File format: **Tab-Separated Values**

File encoding: **UTF-8 (no byte order mark)**   
Description: Reflects current taxonomic opinion with redundant taxa pruned. Refer to the *NamesforLife Taxonomy Table Descriptor* below.

* 1. Deliverable Name: **Complete Prokaryotic Taxonomy Snapshot**  
     Filename: **N4L\_Taxonomy\_YYYYMMdd\_complete.tsv**

File format: **Tab-Separated Values**

File encoding: **UTF-8 (no byte order mark)**Description: All names, including NVP names and redundant taxa. Refer to the *NamesforLife Taxonomy Table Descriptor* below.

The taxonomy snapshots are generated nightly and are usually available by 3am UTC (10pm EDT). Occasionally, a snapshot will fail if an exceptional curatorial issue is discovered. These are generally identified and resolved by our curatorial staff prior to the next nightly snapshot. If any ongoing failures are noticed, please contact NamesforLife Support.

**NamesforLife Taxonomy Table Descriptor**

The following table is a description of each of the column names in the tab-delimited taxonomy deliverables. Please note that these files contain UTF-8 characters (to preserve the integrity of diacritic marks in author names) and when parsed or loaded into Microsoft Excel, the UTF-8 encoding should be used. If this causes any problems, we can pre-process the files to perform ASCII character substitution for these characters.

|  |  |
| --- | --- |
| **nameDOI** | The DOI of the Name. |
| **name** | The name of the taxon. |
| **authority** | The authority of the name. |
| **rank** | The rank of the taxon (root, domain, phylum, class, order, family, genus, species, subspecies). |
| **status** | The validation status of the name. VP: Validly Published  NVP: Not Validly Published  CA: Candidatus (This code was added starting in August 2020). |
| **illegitimate** | A Boolean flag indicating whether the name is illegitimate (t, f). |
| **preferredNameDOI** | The DOI of the preferred name of the taxon. |
| **taxonDOI** | The DOI of the Taxon. |
| **exemplarDOI** | The DOI of the Type Exemplar (or “Proxy Type” Exemplar). |
| **typeStatus** | ‘TYPE’ indicates a type exemplar. ‘PROXY’ indicates a substitute. |
| **nomenclaturalType** | The Taxon DOI of the nomenclatural type of the taxon. |
| **nomenclaturalTypeExemplar** | The Exemplar DOI serving as a representative type strain of the taxon. (This column was added starting in August 2020). |
| **root** | The name of the “root” taxon (always the same). |
| **domain** | The name of the domain for this taxon. |
| **phylum** | The name of the phylum for this taxon. |
| **class** | The name of the class for this taxon. |
| **order** | The name of the order for this taxon. |
| **family** | The name of the family for this taxon. |
| **genus** | The name of the genus for this taxon. |
| **species** | The name of the species for this taxon. |
| **subspecies** | The name of the subspecies for this taxon. |
| **rootTaxonDOI** | The taxonomic placement at rank of the “root”.  This will always be **10.1601/tx.0**. |
| **domainTaxonDOI** | The taxonomic placement at the rank of domain. |
| **phylumTaxonDOI** | The taxonomic placement at the rank of phylum. |
| **classTaxonDOI** | The taxonomic placement at the rank of class. |
| **orderTaxonDOI** | The taxonomic placement at the rank of order. |
| **familyTaxonDOI** | The taxonomic placement for at the rank of family. |
| **genusTaxonDOI** | The taxonomic placement at the rank of genus. |
| **speciesTaxonDOI** | The taxonomic placement at the rank of species. |
| **subspeciesTaxonDOI** | The taxonomic placement at the rank of subspecies. |
| **ncbiTaxId** | The NCBI TaxID (if available). This maps to the NameDOI field.  (This column was added starting in August 2020). |
| **typeExemplarCount** | The total number of unique type exemplars contained by the taxon.  This field is only available on the pruned taxonomy.  (This column was added starting in August 2020). |