

The beginning of wisdom is to call things by their right names

George M Garrity
NamesforLife, LLC
Michigan State University

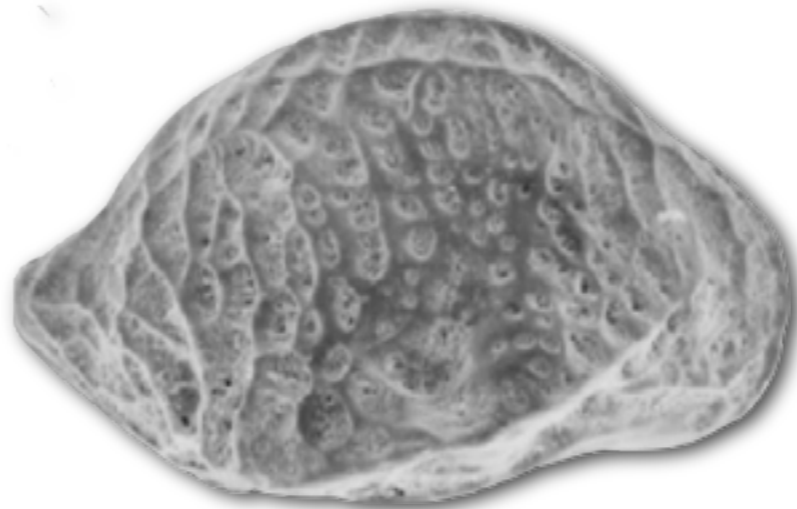
The importance of names

Jonesia saroca

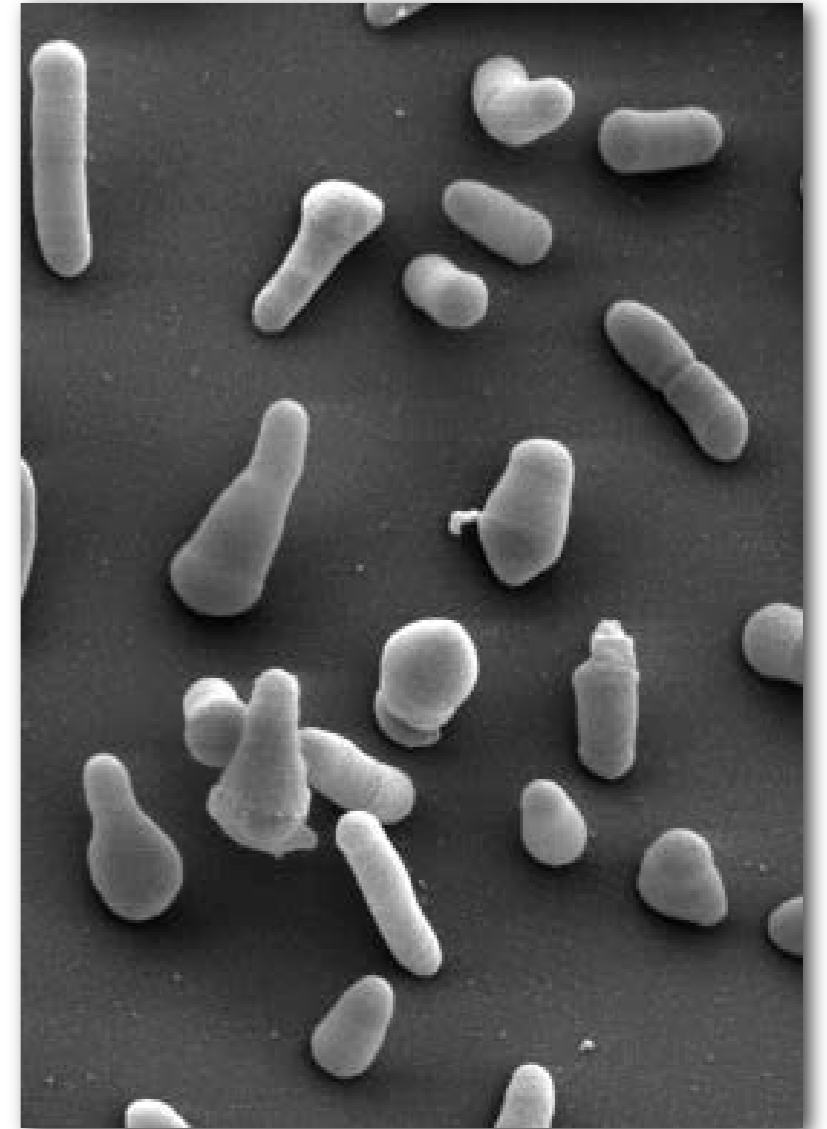


Dinish Valke

Jonesia acuminata

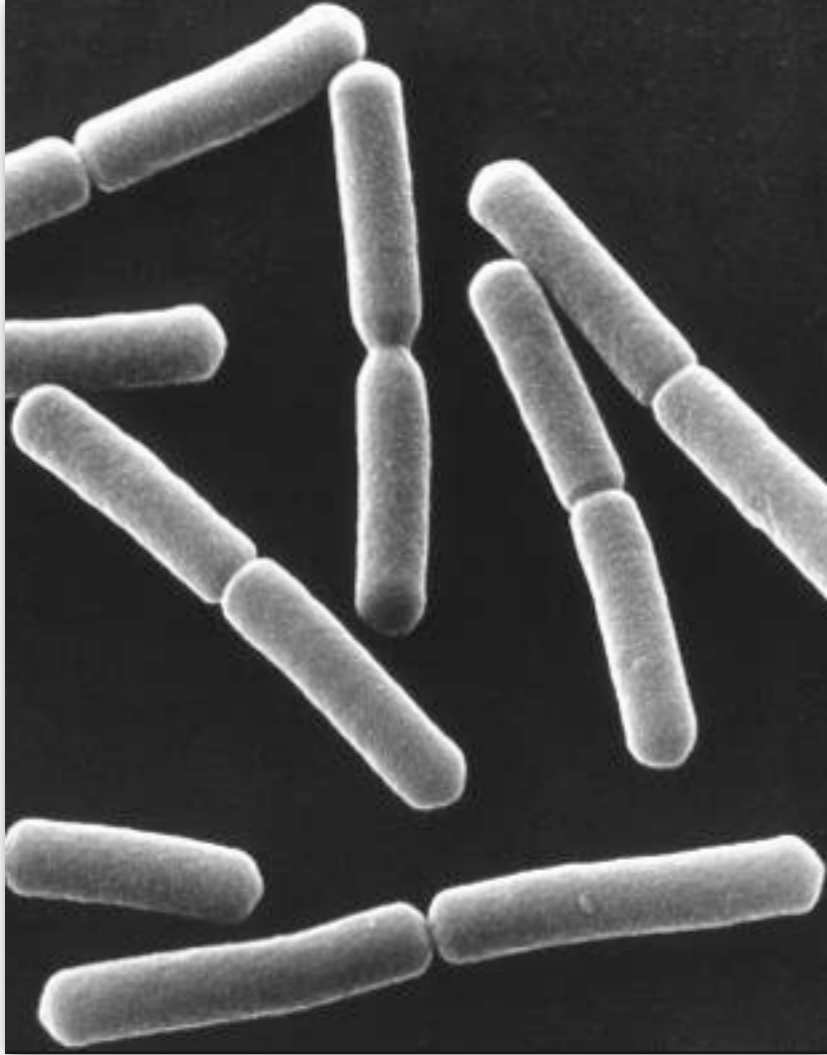


Jonesia denitrificans



Manfred Rohde

Bacillus subtilis



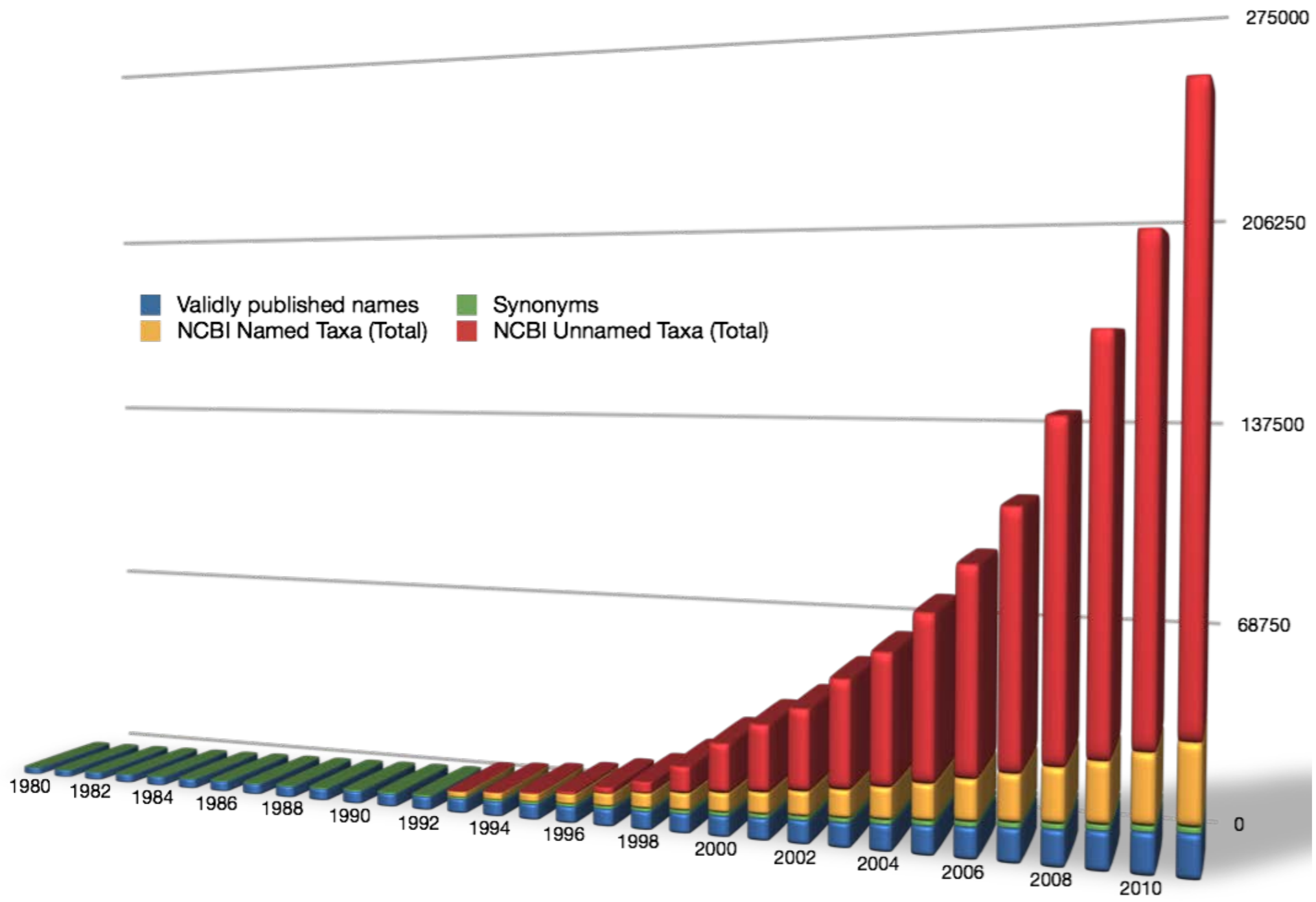
Kanikojama

Bacillus rossius




Remo Angelini

The problem with names



The impact on STM publishing

The novel solution



US007925444B2

(12) **United States Patent**
Garrity et al.

(54) **SYSTEMS AND METHODS FOR RESOLVING AMBIGUITY BETWEEN NAMES AND ENTITIES**

(75) Inventors: **George Garrity, Okemos, MI (US); Catherine Lyons, Edinburgh (GB)**

(73) Assignee: **Board of Trustees of Michigan State University, East Lansing, MI (US)**

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 1682 days.

(21) Appl. No.: **10/759,817**


(22) Filed: **Jan. 16, 2004**

(65) **Prior Publication Data**
US 2005/0160059 A1 Jul. 21, 2005

(51) **Int. Cl.**
G06F 7/00 (2006.01)

(52) **U.S. Cl.** **702/19; 702/20; 703/11; 703/12; 707/700**

(58) **Field of Classification Search** None
See application file for complete search history.



US 20100198841A1

(19) **United States**
(12) **Patent Application Publication**
Parker et al.

(54) **SYSTEMS AND METHODS FOR AUTOMATICALLY IDENTIFYING AND LINKING NAMES IN DIGITAL RESOURCES**

(76) Inventors: **Charles T. Parker, East Lansing, MI (US); Catherine M. Lyons, Edinburgh (GB); Gerald P. Roston, Saline, MI (US); George M. Garrity, Okemos, MI (US)**

Correspondence Address:
**MICHAEL BEST & FRIEDRICH LLP
100 E WISCONSIN AVENUE, Suite 3300
MILWAUKEE, WI 53202 (US)**

(21) Appl. No.: **12/685,964**

(22) Filed: **Jan. 12, 2010**

Related U.S. Application Data

(60) Provisional application No. 61/143,986, filed on Jan. 12, 2009, provisional application No. 61/184,187, filed on Jun. 4, 2009.

(10) **Patent No.:** **US 7,925,444 B2**
(45) **Date of Patent:** **Apr. 12, 2011**

(10) **Pub. No.:** **US 2010/0198841 A1**
(43) **Pub. Date:** **Aug. 5, 2010**

Publication Classification

(51) **Int. Cl.**
G06F 17/30 (2006.01)

(52) **U.S. Cl.** **707/750; 707/802; 707/705; 707/736; 707/E17.005; 707/E17.014; 707/E17.044**

(57) **ABSTRACT**

The present invention provides systems and methods for automatically identifying name-like-strings in digital resources, matching these name-like-string against a set of names held in an expertly curated database, and for those name-like-strings found in said database, enhancing the content by associating additional matter with the name, wherein said matter includes information about the names that is held within said database and pointers to other digital resources which include the same name and it synonyms.

```

    graph TD
      CP[Content Provider  
STM Publisher  
USPTO  
Agencies]
      N4L[N4L Database Maintainer]
      SP[Service Provider  
BRC  
Instrument Vendor  
Shipper]
      EU{End-Users  
Scientist/Physician  
Attorney/Patent  
Examiner  
Clerk/Regulator}

      CP -- "N4L Tools" --> N4L
      N4L -- "N4L Tools" --> SP
      N4L -- "N4L Resolution" --> CP
      N4L -- "N4L Resolution" --> SP
      EU -- "Information Queries" --> CP
      CP -- "N4L Enabled Content" --> EU
      SP -- "Goods and Services" --> EU
      EU -- "Goods and Services Inquiry" --> SP
      EU -- "$$" --> CP
      EU -- "$$" --> SP
  
```




NamesforLife

Bringing meaning to life...

About NamesforLife Announcements My Account N4L Guide Contact Us

exemplar n4lid	10.1601/ex.9507
culture collection accession	CIP 108502
	CCUG 48253
organism name	species <i>Atopococcus tabaci</i>

type status	This exemplar represents the type organism of <i>Atopococcus tabaci</i> .
16s rrna	AJ634917

citation When referring to this Abstract, please use its Digital Object Identifier and cite NamesforLife.

Exemplar Abstract for *Atopococcus tabaci*. NamesforLife, LLC. Retrieved September 3, 2011. doi:10.1601/ex.9507.

This information was last reviewed on March 19, 2010.

References

1. Collins MD, Wiernik A, Falsen E, Lawson PA. *Atopococcus tabaci* gen. nov., sp. nov., a novel Gram-positive, catalase-negative, coccus-shaped bacterium isolated from tobacco. *Int J Syst Evol Microbiol* 2005; 55:1693-1696. doi:10.1099/ijs.0.63618-0 [PubMed].

Alteromonas genovensis sp. nov., isolated from a marine electroactive biofilm and emended description of *Alteromonas macleodii* Baumann *et al.* 1972 (Approved Lists 1980)

Ilse Vandecandelaere¹, Olivier Necessian², Eveline Segaeert¹, Wafa Achouak², Alfonso Mollica³, Marco Faimali³, Paul De Vos¹ and Peter Vandamme¹

Author Affiliations

Correspondence
Ilse Vandecandelaere
Ilse.Vandecandelaere@UGent.be

Abstract

Thirty-five is... stainless ste... approach. Wh... belonged to t... to the genus... delineated fiv... demonstrated... *Alteromonas*... constituted a... similarity wit... phenotypic an... *Alteromonas*... established s... *Alteromonas*... (=CCUG 5534

Alteromonas	
Genus Status	▶
Taxonomy	▶
Nomenclatural Events	▶
Synonyms	▶
Strain Information	▶
Bibliography	▶
Subscriber Services	▶
About NamesforLife	▶

similar BOX-PCR fingerprints. This study of the BOX-PCR clusters belonged to isolates representing BOX-PCR cluster 1 rRNA gene sequence *Alteromonas hispanica*. Both es, for which the name *Alteromonas*. The D

« Previous | Next Article »
Table of Contents

This Article

doi: 10.1099/ijs.0.65691-0
IJSEM November 2008
vol. 58 no. 11 2589-2596

Abstract **Free**
▶ **Full Text**
Full Text (PDF)
Supplementary Figure and Table

[-] **Classifications**

NEW TAXA
Proteobacteria

[-] **Services**

Email this article to a colleague
Alert me when this article is cited

This Month's Issue

August 2011, 61 (8)

Alert me to new issues of IJSEM

- ABOUT IJSEM
- EDITORIAL BOARD & STAFF
- SUBMIT A MANUSCRIPT
- INFORMATION FOR AUTHORS
- INFORMATION FOR REVIEWERS

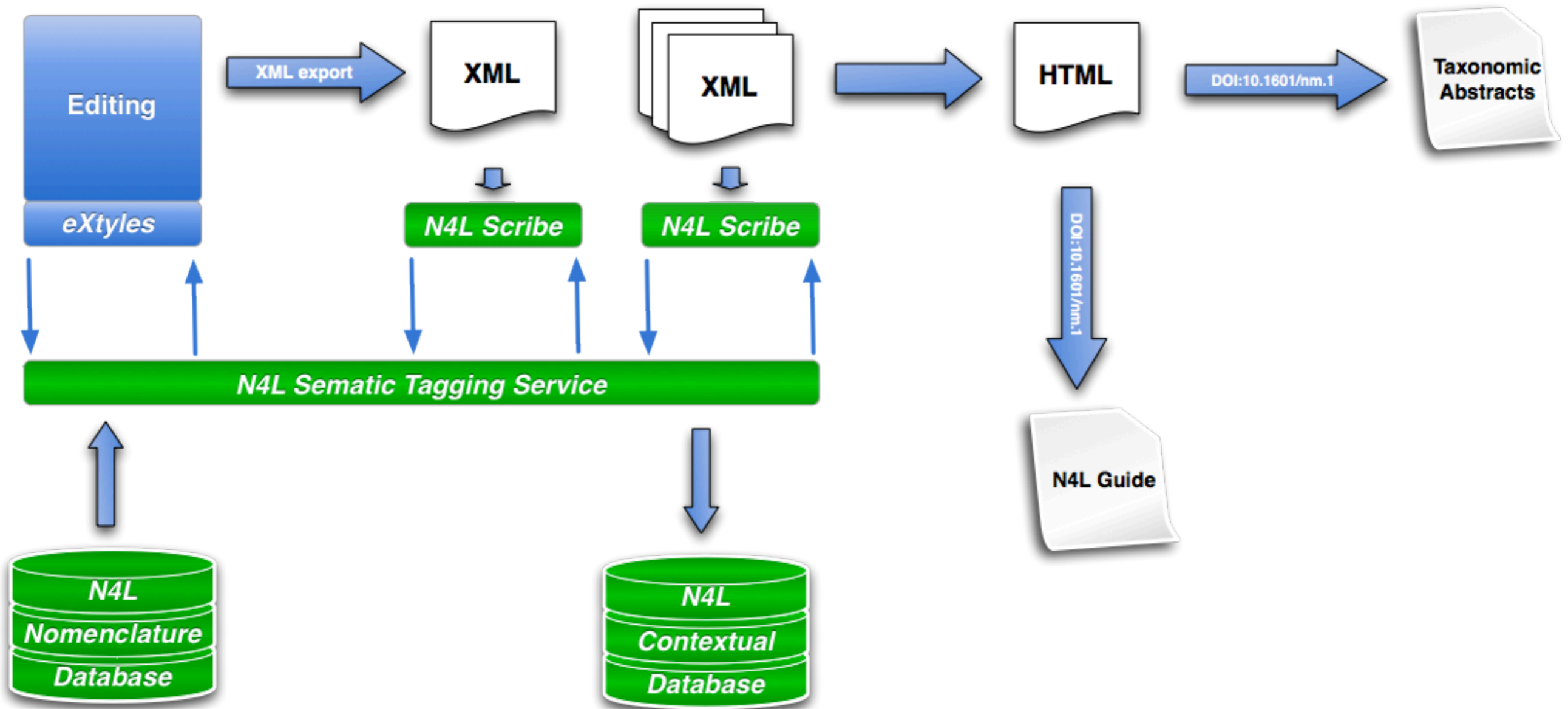
+ PubMed

Navigate This Article

- Top
- Abstract
- Acknowledgments

Emended Description

Van Trappen S, Tan TL, Yang J, Mergaert J, Swings J. *Alteromonas stellipolaris* sp. nov., a novel, budding, prosthecate bacterium from Antarctic seas, and emended description of the genus *Alteromonas*. *Int J Syst Evol Microbiol* 2004; **54**:1157-1163. doi:10.1099/ijs.0.02862-0 [PubMed].



An exciting development

Minimize disruption to
workflow
presentation
cost
downstream impact

Maximize
exposure
retention on site



Subscription service

publishers

compositors

web hosts

Custom versions

look and feel

content presentation

custom messaging



Is that all there is?



We are drowning in information, while starving for wisdom. The world henceforth will be run by synthesizers, people able to put together the right information at the right time, think critically about it, and make important choices wisely.

Edward O. Wilson