

The Leibniz Institute DSMZ

<http://www.dsmz.de>

- research infrastructure
- 200 employees
- 73,000 bioresources
- 140 publications/year
- cross-cutting topics: Systematics & Evolution, Functional Diversity, Pathobiology
- sequencing center
- digital bioresources (PNU, LPSN, BacDive)
- 11.030 publications in 30 years used DSMZ strains, 63% were outside of systematics

Jörg Overmann

Scientific Director DSMZ &
Chair of Microbiology,
Braunschweig University of
Technology



Considering key elements of the ICNP (2019)

General Consideration 4

Rules of nomenclature do not govern the delimitation of taxa nor determine their relations. The Rules are primarily for assessing the correctness of the names applied to defined taxa...

Principle 4

The primary purpose of giving a name to a taxon is to supply a means of referring to it rather than to indicate the characters or the history of the taxon.

Recommendation 12c

1. Choose a specific epithet that, in general, gives some indication of a property or of the source of the species.

Rule 15

A taxon consists of one or more elements. For each named taxon ..., there shall be designated a nomenclatural type. ..., referred to in this Code as “type”, is that element of the taxon with which the name is permanently associated,...

Rule 16

The type of a taxon must be designated by the author at the time the name of the taxon is published in the IJSEM

Rule 27

A name of a new taxon, ..., is not validly published unless the following criteria are met....

The publication of the name in the IJSB/IJSEM is accompanied by a description of the taxon or by a reference to a previous effectively published description of the taxon. As of 1 January 2001 the following criteria also apply

...

c. The properties of the taxon being described ... may include reference to tables or figures in the same publication, or ... All information contained in (c) should be accessible.

