

Register list proposing 4 new names including Kryptoniaceae fam. nov.

Submitted by Palmer, Marike

Class *Kryptoniia*

Etymology

[Kryp.to.ni'i.a] N.L. neut. n. *Kryptonium*, referring to the type genus *Kryptonium*; *-ia*, ending to denote a class; N.L. neut. pl. n. *Kryptoniia*, the *Kryptonium* class

Nomenclatural type

Genus *Kryptonium*

Classification

Bacteria » *Bacteroidota* » *Kryptoniia*

References

Effective publication: Hedlund et al., 2022 [1]

Registry URL

<https://seqco.de/i:22840>

Order *Kryptoniales*

Etymology

[Kryp.to.ni.a'les] N.L. neut. n. *Kryptonium*, referring to the type genus *Kryptonium*; *-ales*, ending to denote an order; N.L. fem. pl. n. *Kryptoniales*, the *Kryptonium* order

Nomenclatural type

Genus *Kryptonium*

Classification

Bacteria » *Bacteroidota* » *Kryptoniia* » *Kryptoniales*

References

Effective publication: Hedlund et al., 2022 [1]

Registry URL

<https://seqco.de/i:22839>

Family *Kryptoniaceae*

Etymology

[Kryp.to.ni.a.ce'ae] N.L. neut. n. *Kryptonium*, referring to the type genus *Kryptonium*; *-aceae*, ending to denote a family; N.L. fem. pl. n. *Kryptoniaceae*, the *Kryptonium* family

Nomenclatural type

Genus *Kryptonium*

Classification

Bacteria » *Bacteroidota* » *Kryptoniia* » *Kryptoniales* » *Kryptoniaceae*

References

Effective publication: Hedlund et al., 2022 [1]

Registry URL<https://seqco.de/i:22837>

Species *Kryptonium mobile*

Etymology[mo'bi.le] L. neut. adj. *mobile*, mobile, motile, moving**Nomenclatural type**[NCBI Assembly: GCA_900070205.1](#)^{TS}**Classification***Bacteria* » *Bacteroidota* » *Kryptoniia* » *Kryptoniales* » *Kryptoniaceae* » *Kryptonium* » *Kryptonium mobile***References**

Effective publication: Hedlund et al., 2022 [1]

Registry URL<https://seqco.de/i:22838>

References

1. Hedlund et al. (2022). SeqCode: a nomenclatural code for prokaryotes described from sequence data. *Nature Microbiology*. [DOI:10.1038/s41564-022-01214-9](https://doi.org/10.1038/s41564-022-01214-9)

Register List Certificate of Validation

On behalf of the *Committee on the Systematics of Prokaryotes Described from Sequence Data* (SeqCode Committee), we hereby certify that the Register List seqco.de/r:rgrmqbgb submitted by Palmer, Marike and including 4 new names has been successfully validated.

Date of Priority: 2022-10-05 01:05 UTC**DOI:** 10.57973/seqcode.r:rgrmqbgb