

Register list for 6 new names including Hadarchaeaceae fam. nov.

Submitted by Chuvochina, Maria

Phylum *Hadarchaeota*

Etymology

[Had.ar.chae.o'ta] N.L. neut. n. *Hadarchaeum*, type genus of the phylum; *-ota*, ending to denote a phylum; N.L. neut. pl. n. *Hadarchaeota*, the Hadarchaeum phylum

Nomenclatural type

Genus *Hadarchaeum*

Description

The phylum constitutes a monophyletic lineage as described and defined in Rinke *et al.* (2021). The phylum contains the class *Hadarchaeia*.

Classification

Archaea » *Hadarchaeota*

References

Effective publication: Rinke et al., 2021 [1]

Registry URL

<https://seqco.de/i:31914>

Class *Hadarchaeia*

Etymology

[Had.ar.chae'i.a] N.L. neut. n. *Hadarchaeum*, type genus of the class; *-ia*, ending to denote a class; N.L. neut. pl. n. *Hadarchaeia*, the Hadarchaeum class

Nomenclatural type

Genus *Hadarchaeum*

Description

The class constitutes a monophyletic lineage as described and defined in Rinke *et al.* (2021). The class contains the order *Hadarchaeales*.

Classification

Archaea » *Hadarchaeota* » *Hadarchaeia*

References

Effective publication: Rinke et al., 2021 [1]

Registry URL

<https://seqco.de/i:31428>

Class *Hydrothermarchaeia*

Etymology

[Hy.dro.therm.ar.chae'i.a] N.L. neut. n. *Hydrothermarchaeum*, type genus of the class; *-ia*, ending to denote a class; N.L. neut. pl. n. *Hydrothermarchaeia*, the Hydrothermarchaeum class

Nomenclatural type

Genus *Hydrothermarchaeum*

Description

The class constitutes a monophyletic lineage as described and defined in Rinke *et al.* (2021). The class contains the order *Hydrothermarchaeales*.

Classification

Archaea » “Hydrothermarchaeota” » *Hydrothermarchaeia*

References

Effective publication: Rinke et al., 2021 [1]

Registry URL

<https://seqco.de/i:31912>

Order *Hadarchaeales*

Etymology

[Had.ar.chae.a'les] N.L. neut. n. *Hadarchaeum*, type genus of the order; *-ales*, ending to denote an order; N.L. fem. pl. n. *Hadarchaeales*, the Hadarchaeum order

Nomenclatural type

Genus *Hadarchaeum*

Description

The order constitutes a monophyletic lineage as described and defined in Rinke *et al.* (2021). The order contains the family *Hadarchaeaceae*.

Classification

Archaea » *Hadarchaeota* » *Hadarchaeia* » *Hadarchaeales*

References

Effective publication: Rinke et al., 2021 [1]

Registry URL

<https://seqco.de/i:31427>

Order *Hydrothermarchaeales*

Etymology

[Hy.dro.therm.ar.chae.a'les] N.L. neut. n. *Hydrothermarchaeum*, type genus of the order; *-ales*, ending to denote an order; N.L. fem. pl. n. *Hydrothermarchaeales*, the Hydrothermarchaeum order

Nomenclatural type

Genus *Hydrothermarchaeum*

Description

The order constitutes a monophyletic lineage as described and defined in Rinke *et al.* (2021). The order contains the family *Hydrothermarchaeaceae*.

Classification

Archaea » “Hydrothermarchaeota” » *Hydrothermarchaeia* » *Hydrothermarchaeales*

References

Effective publication: Rinke et al., 2021 [1]

Registry URL

<https://seqco.de/i:31910>

Family *Hadarchaeaceae*

Etymology

[Had.ar.chae.a.ce'ae] N.L. neut. n. *Hadarchaeum*, type genus of the family; *-aceae*, ending to denote a family; N.L. fem. pl. n. *Hadarchaeaceae*, the Hadarchaeum family

Nomenclatural type

Genus *Hadarchaeum*

Description

The family constitutes a monophyletic lineage as described and defined in Rinke *et al.* (2021). The family contains the genus *Hadarchaeum*.

Classification

Archaea » *Hadarchaeota* » *Hadarchaeia* » *Hadarchaeales* » *Hadarchaeaceae*

References

Effective publication: Rinke et al., 2021 [1]

Registry URL

<https://seqco.de/i:31425>

Family *Hydrothermarchaeaceae*

Etymology

[Hy.dro.therm.ar.chae.a.ce'ae] N.L. neut. n. *Hydrothermarchaeum*, type genus of the family; *-aceae*, ending to denote a family; N.L. fem. pl. n. *Hydrothermarchaeaceae*, the Hydrothermarchaeum family

Nomenclatural type

Genus *Hydrothermarchaeum*

Description

The family constitutes a monophyletic lineage as described and defined in Rinke *et al.* (2021). The family contains the genus *Hydrothermarchaeum*.

Classification

Archaea » "Hydrothermarchaeota" » *Hydrothermarchaeia* » *Hydrothermarchaeales* » *Hydrothermarchaeaceae*

References

Effective publication: Rinke et al., 2021 [1]

Registry URL

<https://seqco.de/i:31422>

References

1. Rinke et al. (2021). A standardized archaeal taxonomy for the Genome Taxonomy Database. *Nature Microbiology*. [DOI:10.1038/s41564-021-00918-8](https://doi.org/10.1038/s41564-021-00918-8)

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:7ewkque5 submitted by **Chuvochina, Maria** and including 7 new names has been successfully validated.

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