

**Part 1:** **TITLE, AUTHORS, APPROVALS, etc**

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| **Code assigned:** | **2023.006P** |  |
| **Short title:** Rename all species in subfamilies *Nanoalphasatellitinae* and *Petromoalphasatellitinae* (family *Alphasatellitidae*) | | |
|  | | |

**Author(s) and email address(es)**

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**Author(s) institutional address(es) (optional)**

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**Corresponding author**

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**List the ICTV Study Group(s) that have seen this proposal**

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| *Nanoviridae* and *Geminiviridae* SG |

**ICTV Study Group comments and response of proposer**

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**ICTV Study Group votes on proposal**

|  |  |  |  |
| --- | --- | --- | --- |
| **Study Group** | **Number of members** | | |
| **Votes support** | **Votes against** | **No vote** |
| *Nanoviridae* | 10/12 | 0/12 | 2/12 |
| *Geminiviridae* | 7/10 | 0/10 | 3/10 |

**Authority to use the name of a living person**

|  |  |
| --- | --- |
| **Is any taxon name used here derived from that of a living person (Y/N)** | N |

|  |  |  |
| --- | --- | --- |
| **Taxon name** | **Person from whom the name is derived** | **Permission attached (Y/N)** |
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**Submission dates**

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| --- | --- |
| Date first submitted to SC Chair | 19th June 2023 |
| Date of this revision (if different to above) |  |

**ICTV-EC comments and response of the proposer**

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**Part 2:** **NON-TAXONOMIC PROPOSAL**

**Text of proposal**

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**Part 3:** **TAXONOMIC PROPOSAL**

**Name of accompanying Excel module**

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| --- |
| 2023.006P.Uc.v1.Alphasatellitidae\_rename\_30sp.xlsx |

**Abstract**

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| Here we renamed 30 species in the subfamilies *Nanoalphasatellitinae* and *Petromoalphasatellitinae* (family *Alphasatellitidae*) to conform with binomial species names. |

**Text of proposal**

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| --- | --- |
| |  | | --- | | In order to comply with the mandated binomial species naming format [1], we have renamed the current species (n=30) in the subfamilies *Nanoalphasatellitinae* and *Petromoalphasatellitinae* (family *Alphasatellitidae*) using binomial nomenclature with a combination of Latinized and freeform species epithets.  In most cases, the epithets are Latin names of major host species or genera, or Latinized hybrid names derived from host genera and species. They correspond to the binomial names of the virus species to which the respective helper virus of the alphasatellite belongs. In order to avoid duplication of epithets, we have adopted free form epithets that are derived from either the names of the host in local languages, or the concatenation of the section of names of their hosts and / or countries. | |

**Supporting evidence**

Table 1: Summary of the proposed binomial names and notes associated with the epithets.

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| --- | --- | --- | --- |
| **Proposed binomial species name** | **Current species name** | **Exemplar accession #** | **Epithet notes** |
| *Clostunsatellite astragali* | *Milk vetch dwarf alphasatellite 2* | AB000922 | Epithets are Latin names of major host species or genus or Latinized hybrid names derived from host genus and species. They correspond to the binomial names of the virus species to which the respective helper virus of the alphasatellite belongs |
| *Clostunsatellite pisi* | *Pea necrotic yellow dwarf alphasatellite 2* | KC979052 | Epithets are Latin names of major host species or genus or Latinized hybrid names derived from host genus and species. They correspond to the binomial names of the virus species to which the respective helper virus of the alphasatellite belongs. |
| *Clostunsatellite sophorae* | *Sophora yellow stunt alphasatellite 4* | KX534409 | Epithets are Latin names of major host species or genus or Latinized hybrid names derived from host genus and species. They correspond to the binomial names of the virus species to which the respective helper virus of the alphasatellite belongs. |
| *Clostunsatellite sophokerman* | *Sophora yellow stunt alphasatellite 5* | KX534398 | Epithets are Latin names of major host species or genus or Latinized hybrid names derived from host genus and species. They correspond to the binomial names of the virus species to which the respective helper virus of the alphasatellite belongs. |
| *Clostunsatellite trifolii* | *Subterranean clover stunt alphasatellite 2* | U16735 | Epithets are Latin names of major host species or genus or Latinized hybrid names derived from host genus and species. They correspond to the binomial names of the virus species to which the respective helper virus of the alphasatellite belongs. |
| *Fabenesatellite fabae* | *Faba bean necrotic yellows alphasatellite 2* | AJ005966 | Epithets are Latin names of major host species or genus or Latinized hybrid names derived from host genus and species. They correspond to the binomial names of the virus species to which the respective helper virus of the alphasatellite belongs. |
| *Milvetsatellite astragali* | *Milk vetch dwarf alphasatellite 1* | AB000920 | Epithets are Latin names of major host species or genus or Latinized hybrid names derived from host genus and species. They correspond to the binomial names of the virus species to which the respective helper virus of the alphasatellite belongs. |
| *Mivedwarsatellite fabazerbai* | *Faba bean necrotic stunt alphasatellite* | KC978990 | Derived from Fabaceae and Azerbaijan (origin) |
| *Mivedwarsatellite japastra* | *Milk vetch dwarf alphasatellite 3* | AB009047 | Derived from japanese astragali |
| *Mivedwarsatellite sinastra* | *Milk vetch dwarf China alphasatellite* | MN059431 | Derived from sinensis astragali |
| *Mivedwarsatellite petroselini* | *Parsley severe stunt alphasatellite 3* | MK039141 | Epithets are Latin names of major host species or genus or Latinized hybrid names derived from host genus and species. They correspond to the binomial names of the virus species to which the respective helper virus of the alphasatellite belongs. |
| *Mivedwarsatellite petrocremlingense* | *Parsley severe stunt alphasatellite 4* | MK039142 | Derived from petroselinum and Cremlingen (origin) |
| *Mivedwarsatellite erbse* | *Pea necrotic yellow dwarf alphasatellite 1* | KC979051 | Erbse - pea in German |
| *Mivedwarsatellite sophalope* | *Sophora yellow stunt alphasatellite 2* | KX534408 | Derived from Sophora alopecuroides |
| *Sophoyesatellite vicraccae* | *Cow vetch latent alphasatellite* | MF535455 | Epithets are Latin names of major host species or genus or Latinized hybrid names derived from host genus and species. They correspond to the binomial names of the virus species to which the respective helper virus of the alphasatellite belongs. |
| *Sophoyesatellite sophira* | *Sophora yellow stunt alphasatellite 3* | KX534400 | Derived from Sophora and Iran |
| *Subclovsatellite fababea* | *Faba bean necrotic yellows alphasatellite 1* | X80879 | Derived from faba bean |
| *Subclovsatellite tunisifabae* | *Faba bean necrotic yellows alphasatellite 3* | MF510471 | Derived from Tunisia and faba |
| *Subclovsatellite bitbea* | *Sophora yellow stunt alphasatellite 1* | KX534399 | Derives from bitter bean |
| *Subclovsatellite trisubterrae* | *Subterranean clover stunt alphasatellite 1* | U16731 | Derived from Trifolium subterraneum |
| *Babusatellite musae* | *Banana bunchy top alphasatellite 1* | L32167 | Epithets are Latin names of major host species or genus or Latinized hybrid names derived from host genus and species. They correspond to the binomial names of the virus species to which the respective helper virus of the alphasatellite belongs. |
| *Cocosatellite cocos* | *Coconut foliar decay alphasatellite 1* | M29963 | Epithets are Latin names of major host species or genus or Latinized hybrid names derived from host genus and species. They correspond to the binomial names of the virus species to which the respective helper virus of the alphasatellite belongs. |
| *Cocosatellite niadamu* | *Coconut foliar decay alphasatellite 2* | MF926426 | Fiji for coconut palm |
| *Cocosatellite kelapa* | *Coconut foliar decay alphasatellite 4* | MF926429 | kelapa - Indonesian for coconut |
| *Cocosatellite popo* | *Coconut foliar decay alphasatellite 5* | MF926430 | popo - Samoan for coconut |
| *Coprasatellite niu* | *Coconut foliar decay alphasatellite 7* | MF926432 | niu - Hawaiian for coconut |
| *Kobbarisatellite kokonas* | *Coconut foliar decay alphasatellite 3* | MF926427 | kokonas is coconut in Bislama, a language spoken in Vanuatu |
| *Muscarsatellite vietmusa* | *Banana bunchy top alphasatellite 2* | AF416471 | Derived from Vietnam and musa |
| *Muscarsatellite haikoumusa* | *Banana bunchy top alphasatellite 3* | HQ616080 | Derived from Haikou and musa |
| *Muscarsatellite cardamomi* | *Cardamom bushy dwarf alphasatellite* | KF435148 | Epithets are Latin names of major host species or genus or Latinized hybrid names derived from host genus and species. They correspond to the binomial names of the virus species to which the respective helper virus of the alphasatellite belongs. |

**References**

1. Siddell SG, Walker PJ, Lefkowitz EJ, Mushegian AR, Dutilh BE, Harrach B, Harrison RL, Junglen S, Knowles NJ, Kropinski AM, Krupovic M, Kuhn JH, Nibert ML, Rubino L, Sabanadzovic S, Simmonds P, Varsani A, Zerbini FM, Davison AJ (2020) Binomial nomenclature for virus species: a consultation. Arch Virol 165:519-525. PMID: 31797129; DOI: 10.1007/s00705-019-04477-6