

## Resource: Taxonomy

Compilation of taxonomic classification of asteroids.

For each object, its taxonomic class and scheme are listed.

## Description of columns

Column	Type	Description
<a href="#">Num</a>	int	Asteroid IAU Number if available
<a href="#">Name</a>	str	Asteroid name or designation
<a href="#">Scheme</a>	str	Scheme of the classification (Tholen, Bus...)
<a href="#">Class</a>	str	Taxonomic class (A, B, C, ...)
<a href="#">selection</a>	int	Flag for selection (black list, neutral, forced: -1/0/1)

## Methods

The method is specified for an entire file in the [sources.ods](#):

- [Phot](#) : Classification based on multi-band photometry
- [Spec](#) : Classification based on spectroscopy

Similarly, the wavelength coverage is listed in [sources.ods](#):

- [VIS](#) : Only visible wavelengths were acquired/used
- [NIR](#) : Only near-infrared wavelengths were acquired/used
- [VISNIR](#) : Both visible and near-infrared wavelengths were acquired/used

The column [Scheme](#) only accept a limited number of valid entries, indicating the taxonomic scheme used:

- [Tholen](#) : the taxonomy of Tholen
- [Bus](#) : the taxonomy of Bus+2002
- [Bus-DeMeo](#) : the taxonomy of DeMeo+2009
- [Mahlke](#) : the taxonomy of Mahlke+2023