



Opole, 10th January 2018

**1. IAU General Secretary**

*Dr. Piero Benvenuti*

IAU-UAI Secretariat

98-bis Blvd Arago

F-75014 Paris, France

**2. Rosalyn Hayward**

United States Geological Survey

2255 N Gemini Drive

Flagstaff, Arizona 86001

**Regards: Objections to the name of an interstellar object II / 2017 U1 ('Oumuamua)**

*Dear Mr. Dr. Piero Benvenuti,  
Dear Mrs. Rosalyn Hayward,*

Acting on behalf of my principal, by proxy, whose copy I submit in attachment, herewith acting in accordance with your organization's policy of naming objects of the planetary system, I raise objections to the name adopted for interstellar object II / 2017 U1 ('Oumuamua), raising as follows.

At the same time, I am asking for:

- changing the name of the object by supplementing it according to the name accepted by the first discoverer of the object, i.e. by adding the designation "R.S. + 1, -79 "or "R. S."

**Substantiation**

On November 6, 2017 on the IAU Minor Planet Center website there was published the information about the discovery of a new unusual astronomical object, operatively called A / 201 U1. According to the explanations contained in the article the unique nature of the object caused naming difficulties, prompting you to introduce a new series of designations

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- I numbers - appropriate for small interstellar objects. Finally, consulting the Pan-STARS team, the discovered object was given the permanent name 1I Oumuamua. The above was to honour the uniqueness, and at the same time initiate the naming of a new category of interstellar objects.

It should be emphasized that my principal essentially does not oppose the wording of the name that you have used. Nevertheless, he requests that the name be supplemented with the designation (or a part thereof) given to it by the discoverer of the object, i.e. 'R.S. + 1, - 79'. My mandant is aware of your naming rules, especially in the scope of the nomenclature related to the honouring specific persons. In this case however, it is advisable that the name of the object should contain at least the initials of the person who discovered it. The above conclusion is a result of up to two components.

Firstly, it shall be referred to the unique nature of the object again. It is a small asteroid not from our solar system but coming from interstellar space. Probably this object is not attached to any star system, although it came from the direction of the Vega star, the constellation Lyra. This object also has a very unusual shape characterized by a significant elongation and a hyperbolic orbit. At the same time, it does not meet the definition of a comet or any asteroid known so far. It does not belong to any accepted by the IAU naming schemes and as an interstellar asteroid requires the definition of a new one designation scheme. Such an unusual discovery, not only deserves a separate group nomenclature, but what's more, it should not omit the data of people who participated in revealing the presence of a unique celestial body.

Secondly, the inclusion in the object's name of the designation given to it by its discoverer **should be determined precisely by the uniqueness of the method by which he revealed the approaching interstellar object and his priority in its discovery.**

Mr Ryszard Suski made the impossible. Not having any specialized astronomical equipment, already on 24 July 2017 he publicly announced that around 19-20 October 2017, an unusual celestial body will pass near the Earth, the number of which - calculated from solar activity - it was '- 79'. The foregoing predictions he also confirmed on 25 September 2017 not only giving the body its own name, but also clearly indicating that this object would have an unusual nature and structure and it would be characterized by unique rotational movements. On this date, he also suggested that the presence of the unique celestial body would not be indifferent to atmospheric phenomena in Poland, which could cause earthquakes. Again my mandant mentioned the atypical body in the entry of 19 October 2017 and 06 November 2017, adding that the body came from a different planetary system.

**proof:** - an extract from the article from 24 July 2017, <http://suskiprognozapogody.blox.pl/html/1310721,262146,14,15.html>? 6.2017

- an extract from the article of 25 Sept 2017, <http://suskiprognozapogody.blox.pl/>

html / 1310721,262146,14,15.html? 8.2017

- an extract from the article from 19 Oct 2017, <http://suskiprognozapogody.blox.pl/html / 1310721,262146,14,15.html? 9.2017>

- an extract from the article from 6 Nov 2017, <http://suskiprognozapogody.blox.pl/html / 1310721,262146,14,15.html? 10.2017>

Clearly, Mr. Ryszard Suski's predictions proved to be true. On October 19-20, 2017, telescopes in Hawaii observed an unusual astronomical object performing regular revolutions simulating gravitational pull in our solar system. At the same time in Poland a small earthquake was recorded. Significantly, not only the disclosure of the above facts was made by my principal *a priori*, overtaking later events for almost 3 months, but also it was based on solar activity studies and temperatures, as well as references to the knowledge written in the pyramids of Giza.

The objective assessment of my principal's activities must arouse admiration to the accuracy of his observations and discoveries made without the use of telescopes and others astronomical instruments. At the same time making public already in July 2017 an announcement of the appearance of a unique object in our space, he became a precursor to his discovery, paving the way for another sky researchers.

Bearing in mind the abovementioned circumstances, it is impossible to disagree with my mandate's view that his role in disclosure of 11 / 2017 U1 Oumuamua remains significant and deserves to be reflected in the official name of the object. Especially due to the influence that the interstellar asteroid have had on our knowledge of the cosmos. For this reason we ask you for a re-examination of the case and correction the current name of the object, including the designation given to it by its actual discoverer, including his initials.

We are expecting you to take up your position in this case promptly and to inform us about the scope of the acceptance of the request and the reasons for the IAU decision.

I would like to emphasize that this writing was addressed in two directions in accordance with the guidelines from the IAU and WGPSN websites.

MAGDALENA SUMERA  
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Attachments:

- an extract from the article from 24 July 2017, <http://suskiprognozapogody.blox.pl/html/1310721,262146,14,15.html? 6.2017>
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- an extract from the article from 6 Nov 2017, <http://suskiprognozapogody.blox.pl/html/1310721,262146,14,15.html? 10.2017>