Report for International Dark-sky Association

01. October, 2015.

Dear Mr. John Barentine,
You can find our report from the activities of the Hortobágy International Dark-sky Park in 2015 below:

1. Public programs
   - 18th April – „Common astronomical walk” in all hungarian National Parks – night walk at Hortobágy Fish ponds
   - 27th June – Night of the Museums – lecture and astronomical program at Sheperds’ Museum
   - 8th August – Perseid’s night at the Hortobágy Safari-park
   Participants all together about: 180 persons
   -We shall have two more programs: 23-24 th October: Crane festival – Cranes’ night with star-gazing at Hortobágy fish ponds.

2. Interpretation
   Participants all together about 450 persons. We shall have more programs in autumn.

3. Public observatory
   We opened our public observatory, it had about 150 visitors.
   http://www.hnp.hu/hu/szervezeti-egyseg/turizmus/hortobagyicsillagosegbolt-park/oldal/hortobagyicsillagda

4. Camps
   We had two camps:
   -Young astronomers’ camp of the Hungarian Astronomical Society (11-16 July)
   Photos here: http://www.mces.hu/galeria/mces-galeria/nggallery/taborok/mces-ijfusagi-tabor-hortobagy-2015/page/1

5. Other events
   - We took part on the dark-sky seminar of the National Parks and gave presentation at 18th June in Felsőtárkány, Light pollution workshop in Sopron (26-27. Aug.).
   - We gave presentation on the Hungarian Landscape-ecology Congress in Budapest (22. May)
   - We shall give presentation about light pollution and dark sky park issues on the seminar of environmental inspectorates (15. Oct. Réhely)
   - We submitted our park to the Hajdú-Bihar County’s „value-inventory”, now we are part of it:

4. Public information
   The dark-sky park has a new website: http://hortobagy.csillagpark.hu/
   - We wrote an article in the magazine „Bűvár” about light pollution and wildlife (together with Zoltán Kolláth)
   - We made a new film about the park (with Zoltán Kolláth):
     https://www.youtube.com/watch?v=RRbAuBMWCrA
5. Reducing light pollution, concrete actions
We made a small scale light pollution reducing program together with Hortobágy local government, changing lighting fixtures around the Public Observatory to full-cut off fixtures.

7. Monitoring
- We installed an all-sky camera beside our public observatory: http://www.hnp.hu/hu/szervezetegyseg/turizmus/hortobagyicsillagosegbolt-park/oldal/skycam-fecskehaz
- We continued our monitoring. Results: http://hortobagy.csillagpark.hu/meresek/

Yours sincerely,

István Gyarmathy dark-sky park coordinator