



STATISTICS OF OSPREY DIVES AT POHTIOLAMPI IN SUMMER 2013

In spring 2010, a webcam was set up to record activities at the nutrition pool. The webcam recorded osprey dives in every 3-4 seconds from dawn to dusk.

In spring 2011 we installed two webcams on the wall of the bird hide. Both cameras were in use from April 1 to September 30. The first camera took still-images every day in every 3-4 seconds. The other camera was for live broadcasting purposes. The live video stream was broadcasted to our website via a 3G network and **Bambuser service**. In autumn 2011, all images and videos were studied and the dives of ospreys were registered.

In 2012 we continued Live-video streaming as in 2011.

In spring 2013 web-cam was in use daily (06:00-22:00) from April to the beginning of October. All videos were saved and analyzed. The webcam setup consisted of Logitech HD Pro Webcam C920, ASUS laptop and DNA's Huawei E3131 mobile net stick. The system was running through Adobe Flash Media Live Encoder 3.2 software.

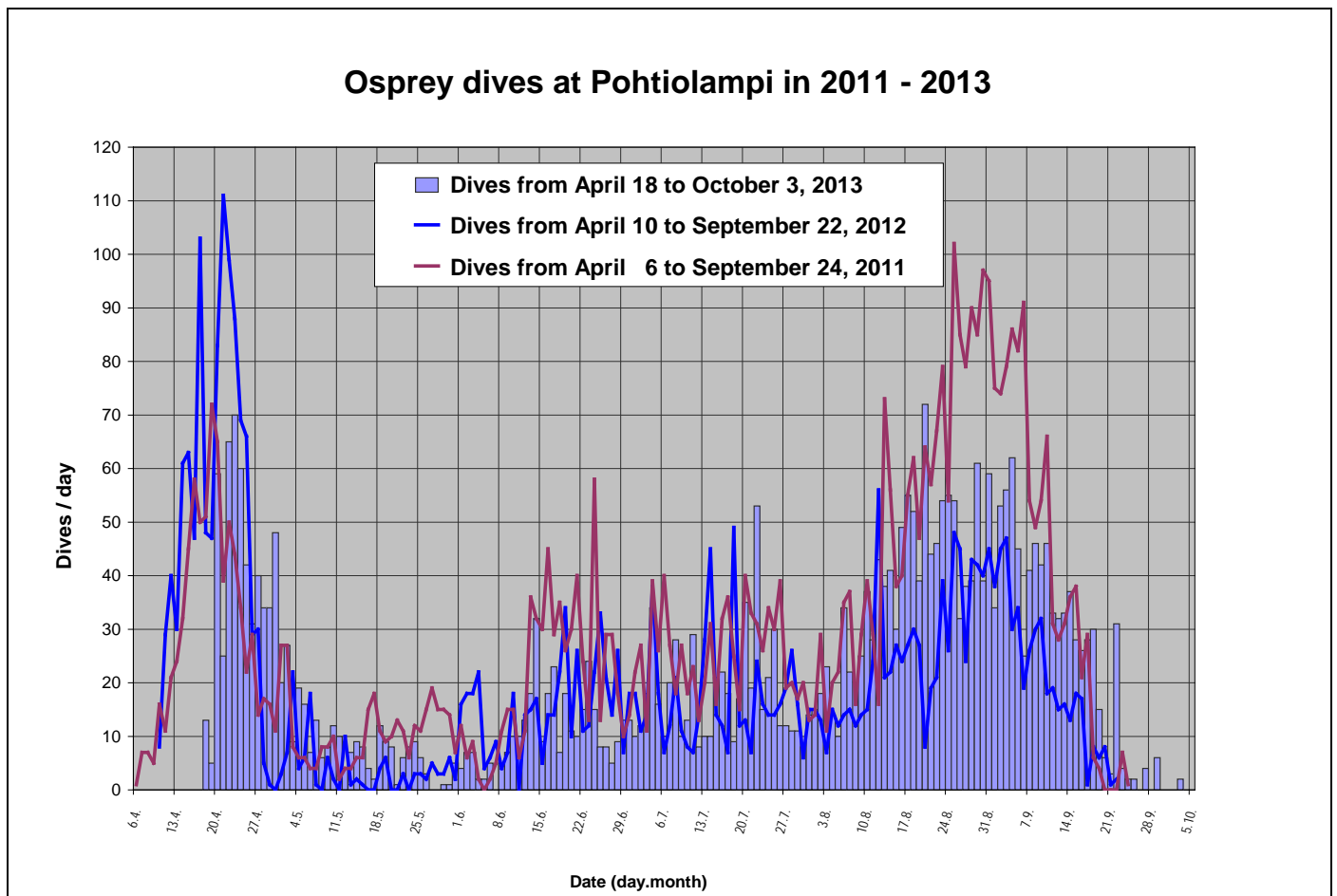
Results

In April 2013 the number of dives was 526, so it was less than in previous years. The total number of dives in 2013 was 3 618, about 6% more than in 2012.

Number of Osprey dives on a monthly basis

	April	May	June	July	August	September	October	Total
6.4. - 24.9.2011	741	331	605	788	1 622	942	-	5 029
10.4. - 22.9.2012	1 057	123	457	532	790	443	-	3 402
18.4. - 3.10.2013	526	250	328	556	1 186	770	2	3 618

The figure below shows the osprey dives recorded on a daily basis. For comparison, the figure also shows the dives in 2011 and in 2012. The daily peak in 2013, 111 dives, occurred on August 28. Dives began on April 18 and ended on October 3, when all birds had begun their fall migration.



The figure below presents the same content using moving average of 3 days. With this method, the differences between the years become more illustrative. The low peak in August was less than half of the peak in the previous two years.

