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Photo-identification catalogue interface

Delegation of France Overseas Territories

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Abstract	
Photo-identification is an important tool used to study cetacean populations. Information are shared between institutes through the mean of catalogues representing all the pictures available for all the individuals. Producing such catalogues is time consuming therefore we developed an interface to standardise easily the presentation.	

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[2] Documents available only to members invited to closed sessions.

Recommendations
That the SIOFA SC: • **considers** that this tool should be made available for other members on the SIOFA website to help them produce photo identification catalogues with the same standard

Photo-identification catalogue interface

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Photo-identification is an important tool used to study cetacean populations. Information is shared between institutes through the mean of catalogues representing all the available pictures for all the individuals. The image below (Figure 1) is an extract from the type D killer whale catalogue produced by France OT.

Figure 1: example of a page from the killer whale catalogue

Left and right profiles are displayed on two different pages for each individual. For each profile, a picture of the fin (with the saddle) and a picture of the eyepatch are inserted (Figure 1). Date of birth and name of the individual are inserted above the picture and lines are used to indicate the link between a female and her offspring.

Producing such catalogues is time consuming because every picture, text and line must be at the exact same location on every page.

To overcome this difficulty, we developed an interface by using Visual Basic script in PowerPoint. This interface is simple and easy to use to produce standard catalogues.

The interface can be accessed in the PowerPoint ribbon "PHOTO" created by an XML script (Figure 2).
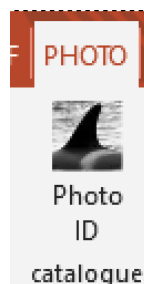

Figure 2: PowerPoint ribbon "PHOTO"

Text, pictures and lines can be placed at the exact location and the exact size by clicking on the following buttons (Figure 3):
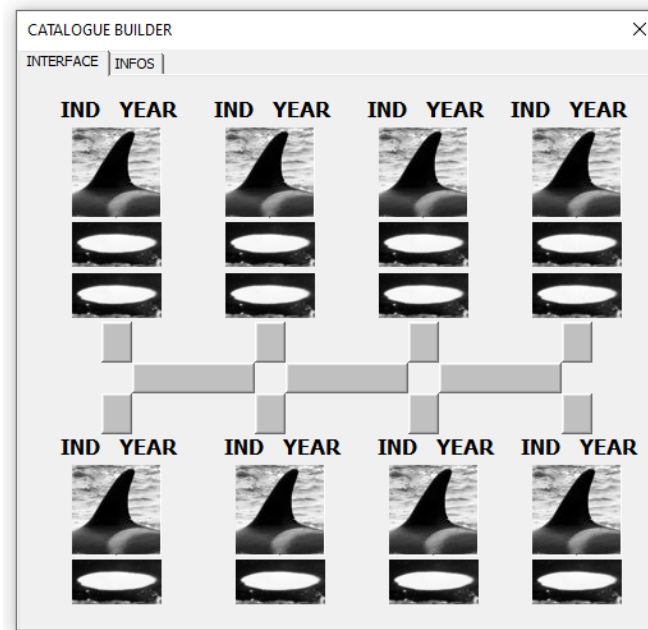

Figure 3: catalogue builder

The "INFOS" page gives basic information on the picture sizes in pixels and the slide size in centimetres (Figure 4).
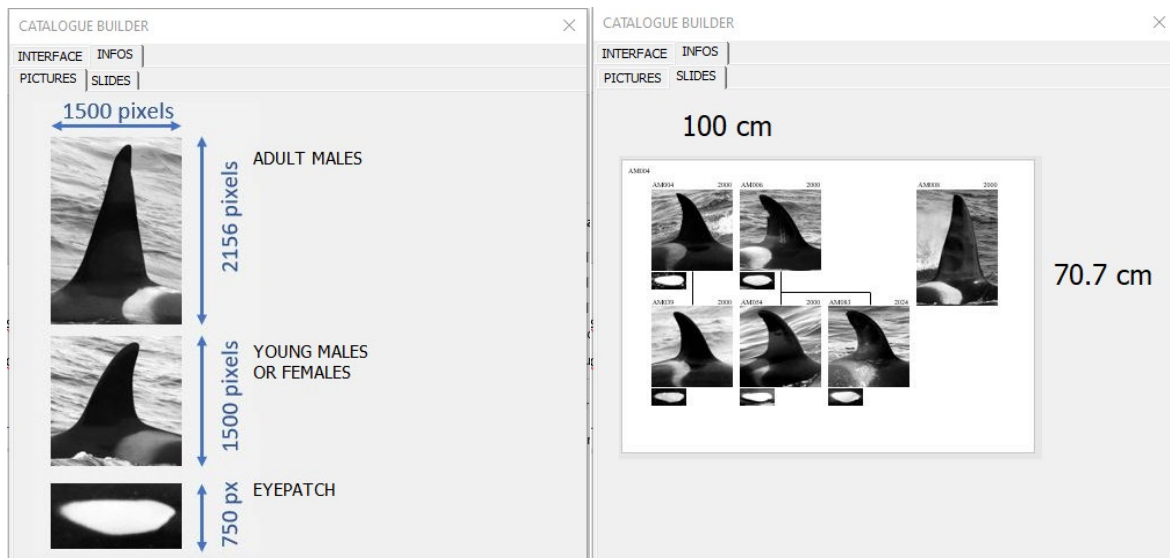

Figure 4: catalogue builder info page

The file is available here https://figshare.com/articles/software/Photo-identification_catalogue_builder/28350695?file=52145681

 and includes an animated gif to demonstrate the use of the interface to create a catalogue's page.

We recommend that this tool is made available for other members on the SIOFA website to help producing photo identification catalogues with the same standard.