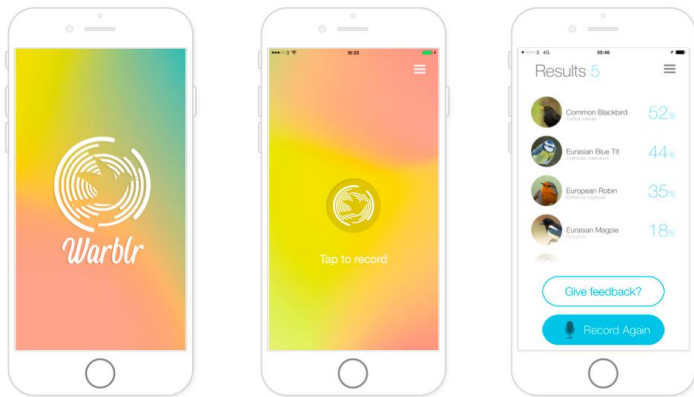




# Warblr

*Dan Stowell, Florence Wilkinson*



Warblr is a mobile app that automatically identifies birds by their song.

Based on QMUL research, it gives people a tool to help them engage with the natural sound around them, while also gathering data for a citizen science initiative to map geolocated bird sounds.

The audio recordings are collected and later released under an open data licence, to improve research in machine learning and bird conservation.

*“ This will form a unique dataset which will help us and others to advance the state of the art even further. ”*

## Collaboration

The project team collaborated with the British Trust for Ornithology (BTO), to contribute data and feedback during testing.

They have also worked with groups such as:

- the Royal Society for the encouragement of Arts, Manufacture and Commerce (RSA),
- The Royal Society for the Protection of Birds (RSPB),
- Greater London National Park.

## Results

- The app has been purchased by thousands of people, and collected over 11,000 bird sound recordings from all around the UK – an average of 330 submissions per day.
- Significant media coverage has been generated by the app, being featured in radio, online and in print and appearing in major outlets such as the BBC, The Guardian, Sky and Shortlist.
- Being a paid-for app, Warblr has become a sustainable example of citizen science research, able to be used as a model for future projects.