



WORRIED WINGS (2025-26)

BIODIVERSITY AND WATER QUALITY

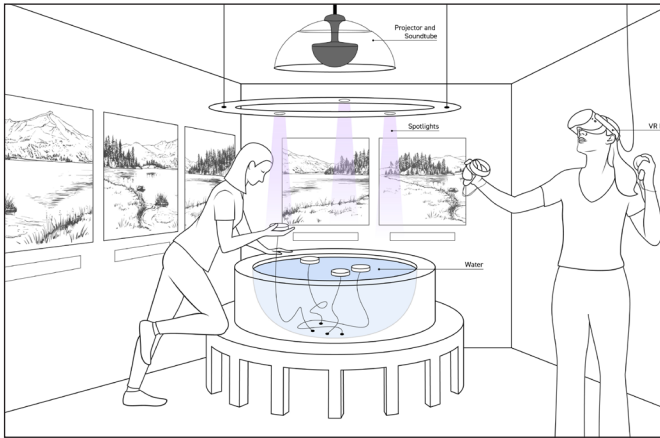
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WATER IS CONSIDERED BY PEOPLE TO BE A SACRED GIFT THAT IS CRITICAL TO THEIR IDENTITY AND EXISTENCE, AS WELL AS BEING ECONOMICALLY IMPORTANT. WORRIED WINGS IS AN ART AND SCIENCE COLLABORATION TO CREATE AN INTERACTIVE INSTALLATION, A VIRTUAL REALITY PLATFORM, AND EDUCATIONAL CITIZEN SCIENCE WORKSHOPS ABOUT FRESHWATER BIODIVERSITY. OUR AIMS ARE TO HELP THE PUBLIC LEARN ABOUT ENVIRONMENTAL DNA OR E-DNA AND HELP SCIENTISTS MAP THE LOSS OF BIODIVERSITY IN LOCAL WATER SOURCES, THEY CAN COMPARE BIODIVERSITY INFORMATION IN AN EMPATHETIC VIRTUAL REALITY EXPERIENCE FROM THE POINT OF VIEW OF A DRAGONFLY. THE PROJECT ALLOWS CITIZENS TO PHYSICALLY ENGAGE WITH DATA, AND, ADD TO THE INTERACTIVE INSTALLATION. THE EFFECTS OF CLIMATE CHANGE THROUGH IMAGES, SOUNDS, AND STORYTELLING ARE EXCHANGED TO RAISE AWARENESS ABOUT OUR IMPACTS ON AQUATIC BIODIVERSITY.

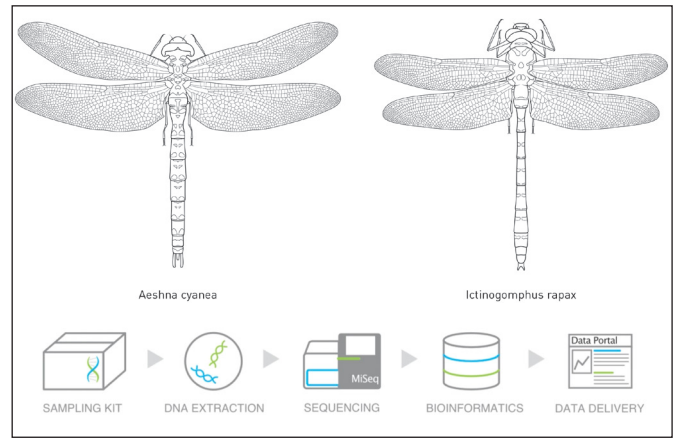
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1 INTERACTIVE INSTALLATION: SKETCH OF THE COLLECTION POINT. © SCOTT



2.MOVEMENT OF DRAGONFLY SCULPTURES -TRIGGER SOUNDS AND IMAGES IN THE INSTALLATION. © SCOTT/EPFL/ MORPHOTONIX



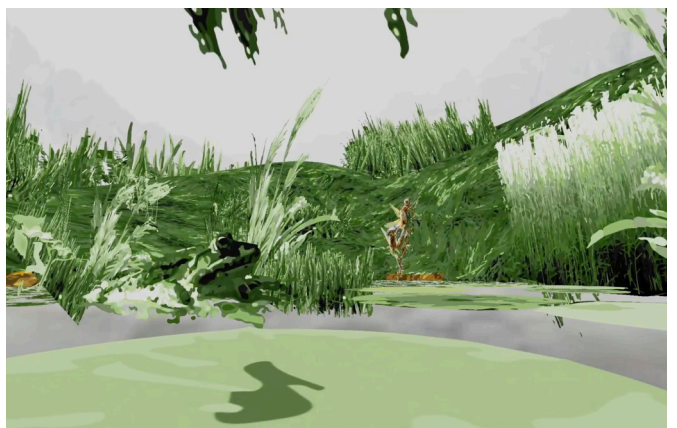
3. CITIZEN SCIENCE. PONDS WHERE THE COLLECTIONS TAKE PLACE-WITH DRAWINGS AND SOUND RECORDINGS © SCOTT/ FROELICH



4.THE AMOUNT OF INFORMATION ON BIODIVERSITY FROM ONE FRESHWATER SAMPLE ANALYSIS - ENVIRONMENTAL DNA, ZURICH. © ETHZ



5 VR GAME: BECOME A DRAGONFLY TO DISCOVER BIODIVERSITY IN FRESHWATER AND THE EFFECTS OF CLIMATE CHANGE IN VR. ©SCOTT/SOMEBODYELSE



6 VR: DISCOVER THE BIODIVERSITY IN FRESHWATER- AND THE EFFECTS OF CLIMATE CHANGE. ©JILL SCOTT/ SOMEBODYELSE

Collaborators:

Artistic director: Jill Scott

Assistant: Toni Fröhlich

VR Software and model-based controllers: Raffaele Grosjean (www.somebodyelse.ch)

Citizen science and eDNA analysis, workshop and production: Prof. Dr. Kristy Diener (ETH Zurich) and Professor Dr. Dianne Gleeson (University of Canberra).

Structural colours of dragonfly wings: Dr Veronica Savu (www.morphotonix.com), with Prof. Jürgen Brugger (EPF Lausanne) and Dr. Toni Fröhlich

Exhibition Partner: Papilliorama Kerzers, Switzerland (<https://www.papilliorama.ch/>)