Listening in the Dark

A Film by
Maeve Brennan

Executive Producers
Steven Bode, FVU
Susanna Chisholm, FVU

Producer
Laura Shacham

With the voice of
J. David Pye, Zoologist and Pioneer of the Ultrasonic Bat Detector

Featuring
Claudia Gebhardt, Bat Ecologist
Sue Swift, Zoologist
Dr Andrew Kitchener, Zoology Curator
Tom Hastings, Bat Ecologist
Simon Howard, Geology Curator
Alan McKirdy, Geologist
Ben Gebhardt, Bat Worker

Featuring the sounds of
Barbastella Barbastellus
Eptesicus Serotinus
Myotis Mystacinus
Nyctalus Noctula
Pipistrellus Nathusii
Pipistrellus Pipistrellus
Pipistrellus Pygmaeus
Plecotus Auritus
Rhinolophus Ferrumequinum
Rhinolophus Hipposideros
Tadarida Teniotis

Director of Photography
Jamie Quantrill

Editor
Mariko Montpetit

Supervising Sound Editor
Tom Sedgwick

Sound Recordist
Pete Smith

Colourist
Jason Moffat

Assistant Sound Editor
Benjamin Hurd

Additional Sound Recording
Dustin Fisher

Animation
Steven Spencer, Nice Monster

VFX
Ben Louden

Title Design
Rory Gleeson

Additional Sounds
The Bat Conservation Trust
Richard Devine
Marc Holderied
David King
Filmed in Scotland

Siccar Point, Berwickshire
Hessilhead Wildlife Centre, Ayrshire
National Museums Collection Centre, Edinburgh
Disused Limestone Mine, Ayrshire

Filmed at the Radcliffe Science Library, Oxford

*Listening in the Dark*, Donald Griffin, Yale University Press, 1958

*Ultrasonic Communication by Animals*, Gillian Sales & J. David Pye, Chapman & Hall, 1974
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Archive Footage

Griffin and Galambos Experiments on Bat Echolocation, Harvard University (1940)
Courtesy of Bob Knight & Brad Voytek

Donald Griffin Experiments at Cape Cod (2002)
Courtesy of Gregory Auger

Underwater Explosives and Anti-Submarine Warfare footage (US Navy)
Courtesy of Periscope Film LCC

Special Thanks

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Dr Elizabeth Clare
Elisabeth Ferrell
John Haddow
Dr Marc Holderied
Prof. Fiona Mathews
Angus Miller
Prof. Kirsty J. Park
Carolyn A. Ristau
Dr Gillian Sales
Hessilhead Wildlife Centre, Ayrshire
The Radcliffe Science Library, Oxford
Visual Impact, Glasgow
Roundtable Films
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