



Fruit

Edible, Inedible, Incredible

Wolfgang Stuppy

Rob Kessler

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- Wolfgang Stuppy and Rob Kessler explore the fascinating world of fruits through a unique presentation of extraordinary images from around the world accompanied by a lively explanatory text
- Critically acclaimed by national and international press, in print and on TV
- Will appeal to anyone interested in the natural world, artists, designers and scientists alike

Fruit. The word itself conjures up mouthwatering memories of crunchy apples, luscious strawberries, sweet bananas, succulent melons and juicy pineapples, to which we can add the splendid tropical fruits on our supermarket shelves. They are one of nature's most wonderful gifts but providing us with a healthy source of food is not the reason that plants produce such delicious fruits. It is therefore quite legitimate to ask what fruits are, and why they exist.

As will be revealed, the true nature of fruits is concealed in what is buried in their core: their seeds. The key role that both play in the survival of each species explains the manifold strategies and ruses that plants have developed for the dispersal of their seeds. Whether these involve wind, water, humans, animals or the plant's own explosive triggers, they are reflected in the many colours, shapes and sizes of the fruits that protect the seeds and in the extraordinary way that some fruits have adapted to the animals that disperse their seeds, and the animals to the fruits they relish.

In this pioneering collaboration, visual artist Rob Kessler and seed morphologist Wolfgang Stuppy use scanning electronmicroscopy to obtain astonishing images of a variety of fruits and the seeds they protect. Razor-sharp cross-sections reveal intricate interiors, nuts and other examples of botanical architecture and reproductive ingenuity. The black and white microscope images have been sumptuously coloured by Rob Kessler highlighting the structure and functioning of the minuscule fruit and seeds some almost invisible to the naked eye and in so doing creating a work of art. Larger fruits, flowers and seeds have been especially photographed. The formation, development and demise of the fruits are described their vital role in the preservation of the biodiversity of our planet explained.

Fruits are the keepers of the precious seeds that ensure our future; some are edible, others inedible and many, quite simply, incredible.

Wolfgang Stuppy is the Seed Morphologist at Kew's Millennium Seed Bank Partnership, a large international plant conservation initiative. He has a doctorate in comparative seed morphology and anatomy. After joining the Royal Botanic Gardens, Kew in 1999 to work on plant conservation, he transferred to the Millennium Seed Bank in 2002. **Rob Kessler** is a visual artist and Professor of Ceramic Art & Design at Central Saint Martins College of Art & Design. Collaborating with scientists, his work inhabits a territory where design, fine art and applied art overlap. From 2001–2004 he was NESTA Fellow at Kew and continues to work with Wolfgang Stuppy on an examination of microscopic plant material. He is a Fellow of the Linnean Society and of the Royal Society of Arts. In 2010 he was appointed Research Fellow at the Gulbenkian Science Institute. His work has been exhibited around the world.

