Dedication

This book is dedicated to Professor Amos Ar (born in Palestine [now Israel] in 1937) of the George S. Wise Faculty of Life Sciences, Tel Aviv University, Israel for his major contribution to our understanding of avian eggs, embryos, and nests. Amos studied Zoology at Tel Aviv University during the 1960s and after being awarded his PhD in 1970 he secured a postdoctoral position in the Physiology Department, School of Medicine, State University of New York in Buffalo, New York, USA. There, he started working on egg physiology with Hermann Rahn and Charles Paganelli. Returning to Tel Aviv, he started his lecturing career in the Department of Zoology in 1972 reaching a full Professorship in 1987 and an Emeritus position in 2004. Over a career spanning more than 40 years Amos has been an author on over 150 papers and produced key publications on gas exchange across avian eggshells and many other aspects of embryo physiology and nest biology. In 1977 Amos received The Payton Award (with Hermann Rahn and Charles Paganelli) from the Cooper Ornithological Society in Los Angeles, California, USA for ‘the most important contribution to the knowledge of the avian egg in the past quarter century’. In 1981 he received The Coues Award (again with Charles Paganelli and Hermann Rahn) from the American Ornithologists’ Union in Santa Barbara, California, USA for ‘path breaking insights into the field of avian embryonic respiration’. Amos has also worked on invertebrate physiology and the physiology of the mammalian middle ear. He continues in his important research and he continues to publish during his retirement. I have been privileged to consider Amos as a friend and colleague for a long part of my own career.

Charles Deeming (Lincoln)
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