







## Natural History Pictures for a Living Education Tommy Smith's Animals









### NATURAL HISTORY PICTURES FOR A LIVING EDUCATION

# TOMMY SMITH'S ANIMALS



CHARLOTTE MASON BEEHIVE

© Copyright 2021, Charlotte Mason Beehive. All rights reserved. This book or any portion thereof may not be reproduced or used in any manner whatsoever without prior written permission from the publisher

Cover design by James North

Front cover photography— Frog Spawn—Jeff6868, CC BY-SA 3.0 (https://creativecommons.org/licenses/by-sa/3.0) Cockchafer Larva—Elekes Andor, CC BY-SA 4.0 (https://creativecommons.org/licenses/by-sa/4.0) European Hare—Furu Maru, CC BY-SA 3.0 (https://creativecommons.org/licenses/by-sa/3.0) Adder—Benny Trapp, CC BY 3.0 (https://creativecommons.org/licenses/by/3.0) Northern Lapwing "Peevit" in Flight—Bengt Nyman from Vaxholm, Sweden, CC BY 2.0 (https://creativecommons.org/licenses/by/2.0) Mole Pan—Muséum de Toulouse, CC BY-SA 4.0 (https://creativecommons.org/licenses/by-sa/4.0) Wood Pigeon Eggs in Nest—nottsexminer, CC BY-SA 2.0 (https://creativecommons.org/licenses/by-sa/2.0) Barn Owl—Steven Ward, CC BY 2.0 (https://creativecommons.org/licenses/by/2.0)

Re

Charlotte Mason Beehive charlottemasonbeehive.co.uk

#### INTRODUCTION



atural History Pictures for a Living Education is a unique picture book series designed to enhance and bring to life the wonder and beauty of the outside world for students and young people studying the natural phenomena of wildlife; flora and fauna; birds and beasts; etc. in their natural history lesson books. Derived from History Pictures for a Living Education, an extensive series created to bring history to life for students and young people studying the events of the past, Natural History Pictures for a Living Education differs in that each book is intrinsically related to a particular lesson book and consists of detailed pictures and photographs of the subject matter being discussed.

In this volume in the series, *Tommy Smith's Animals*, the content is dependent on the natural history reader of the same name, written by Edmund Selous, and assigned to Form I students learning within the boundaries of a Charlotte Mason education. Forty photographs are

included ranging from the emerald green skin of a grass snake, to the exquisite hairstyle of a northern lapwing, to the miraculous development of a tiny tadpole into a fully grown frog. All subject matter covered in the natural history reader is visually represented in the pages of this book; no longer will mothers and teachers need to seek out photographs in advance of a lesson or lose time in trying to locate one during the short lesson at their disposal; no longer will students struggle from identifying a wood mouse from a harvest mouse due to a lack of exposure to an actual pictorial representation of the plant or beast being studied.

The pictures in this book are not meant to replace the exposure to real life specimens, but dealt with correctly should enhance the students' knowledge and understanding when out and about in the natural world. Their eyes shall be opened more widely, their attention to detail refined, their zest to seek out the objects of their education will be more pronounced. Nothing can be more important to the young naturalist than the knowledge he gains for himself whilst making decided observations in the field, but to ensure a full-bodied representation of the subjects in focus whilst reading from his lesson books, *Natural History Pictures for a Living Education* is curated to do just that.

Designed primarily—but not exclusively—for home educators using the Charlotte Mason philosophy of education, this book is intended for students in Form I using Mrs Buckley's Natural History reader as described above. For home educators using Charlotte Mason's method of reading and narration, it is advised that children make use of the book either during the reading as a way to focus their attention and develop accurate representations of the subject matter in their mind's eye; or as an aid to discussion after a reading. After the lesson text has been read the students should put the pictures away while they narrate so that their minds can work independently of any external material. For young students who are not reading their lesson books independently yet the book may be viewed by the child while they listen to the reading. If you find the pictures distract rather than enhance their learning, however, then you may wish to put the pictures to one side until the reading has been completed.

We sincerely hope you have a pleasant and engaging school year using this new resource. For more new and original content from Charlotte Mason Beehive or if you have any questions or concerns, please contact us through our website at www.charlottemasonbeehive.co.uk.

RACHEL E. NORTH JULY 2021



#### TABLE OF CONTENTS

01. European Common Frog 7 02. Frog Spawn 8 03. Tadpoles in the Early Stages 9 04. Tadpole just before metamorphosis 10 05. Tadpole in the Final Stage 11 06. Common Toad 12 07. Rook in England 13 08. Cockchafer 14 09. Cockchafer Larva 15 10. Brown Rat 16 11. Eurasian Skylark 17 12. European Hare 18 13. European Hare Hiding in a Form 19 20 14. Grass Snake

15. Grass Snake Eating a Toad	21
16. Grass Snake Eggs in Compost Heap	22
17. Adder	23
18. Adder Teeth	24
19. Northern Lapwing "Peewit"	25
20. Northern Lapwing "Peewit" in Flight	26
21. Baby Lapwing "Peewit"	27
22. Lapwing "Peewit" Eggs	28
23. European Mole	29
24. Mole Hills	30
25. Mole Paw	31
26. Mole Trap	32
27. Close Up of Mole	33
28. Skull of Mole	34

29. Wood Pigeon	35
30. Wood Pigeon in a Nest in a Tree	36
31. Wood Pigeon Eggs in Nest	37
32. Wood Pigeon Chick Hatching	38
33. Wood Pigeon Chick Eating	39
34. Wood Pigeon Drinking	40
35. Red Squirrel	41
36. Eastern Grey Squirrel	42
37. Red Squirrel Nest	43
38. Barn Owl	44
39. Barn Owl (2)	45
40. Barn Owl Pellets	46



#### NATURAL HISTORY PICTURES: TOMMY SMITH'S ANIMALS

#### THE FROG AND THE TOAD-7



No. 01.

European Common Frog. Richard Bartz / CC BY-SA 2.5 (https://creativecommons.org/licenses/by-sa/2.5)



Frog Spawn. Jeff6868, CC BY-SA 3.0 (https://creativecommons.org/licenses/by-sa/3.0)



No. 03. Tadpoles in the Early Stage of Development. Böhringer Friedrich, CC BY-SA 2.5 (https://creativecommons.org/licenses/by-sa/2.5)



No. 04.

Tadpole of the common frog just before metamorphosis. Viridiflavus, CC BY-SA 3.0 (https://creativecommons.org/licenses/by-sa/3.0)



No. 05. Tadpole in the Final Stage of Development. Viridiflavus, CC BY-SA 3.0 (https://creativecommons.org/licenses/by-sa/3.0)