

the Forth Naturalist and Historian

Volume 39 2016

1-3 Prelims

Historian Papers

- 5 Change and Crisis in Upland Farming from Pollen Analyses on Ben Lawers c.AD1200 to c.AD1700 – Richard Tipping, Robert McCulloch and Eileen Tisdall
- 17 Mountains and People in the Loch Lomond & The Trossachs National Park – Bridget Jones
- 29 The Clackmannan Waggonway – Murray Dickie

Naturalist Papers

- 51 Opportunities and Limitations for Whinchats *Saxicola rubetra* in the Uplands of Central Scotland – John Calladine
- 61 Scotland's Rural College (SRUC) Kirkton and Auchtertyre Farms – Improving the Economic and Environmental Sustainability of Hill Farming – John P. Holland
- 77 The Ochil Hills – The Changing Face of the Uplands – Drew Jamieson
- 97 Orchards of the Forth Valley: A Programme for Revival – Dr. Crispin W. Hayes

Reports

- 113 Man and the Landscape Conference – Richard Tipping
- 117 Plant Report 2016: Sticky Catchfly *Silene viscaria* – Stuart Bence and Lorna M. Blackmore
- 123 Plant Report 2016 Part 2: How Important are The Hillfoots' Populations of Sticky Catchfly (*Silene viscaria*) in a UK Context? – Roy Sexton
- 129 Dunblane Weather Report 2015 – Neil Bielby and Dr. John Holland
- 141 Forth Area Bird Report 2015 – N. Bielby

Published by the Forth Naturalist and Historian, University of Stirling –
charity SCO 13270.

ISSN 0309-7560

EDITORIAL BOARD

Richard Tipping (Chairman)
Stirling University–C. Mills, J. Dickie
Non University–N. Bielby, Dunblane; D. Bryant, Stirling; M. Cook, Stirling;
M. Dickie, Stirling; J. Harrison, Stirling; D. Jackman, Falkirk;
R. Sexton, Stirling.

Honorary Secretary:
M. Scott (fnh@stir.ac.uk).

Journal Editor:
Mario Vallejo-Marin, Stirling University

BOARD MEMBERSHIP

Neil Bielby, Editorial Panel + Treasurer; David Bryant; Murray Cook, History
Forum Convener; Jen Dickie, Social Media; Murray Dickie, Vice Chair;
John G. Harrison, Editorial Panel; Dan Jackman, Wildlife Forum
Convener; Catherine Mills; Marilyn Scott, Secretary; Roy Sexton,
Editorial Panel; Richard Tipping Chair, Symposium Convener, Editorial
Panel; Mario Vallejo-Marin, Journal Editor.

ISBN 978-1-898008-74-3

These articles are copyright and should not be reproduced without permission.
Copies of single articles may be taken for private or educational use.

Cover: front– Puffin (*Fratercula arctica*) by Roger Stewart
back– Mountain aven (*Dryas octopetala*) by John Holland

Printed by Meigle Colour Printers Ltd., Tweedbank Industrial Estate, Galashiels.
Set in Zapf Calligraphic on 115 gsm Silk and cover 300 gsm Silk.

THE FORTH NATURALIST AND HISTORIAN

The Forth Naturalist and Historian was set up in 1975 as an informal enterprise of Stirling University. At that time it was administered by staff from the University and Central Regional Council, with the purpose of providing a focus for interests, activities and publications on environmental, historical, heritage and related topics. The coverage is across the Forth area, now generally comprising the Stirling, Falkirk and Clackmannan Council areas.

The annual *Forth Naturalist and Historian* journal has appeared yearly since 1976 and an annual conference has been held at the University since 1975; more recently, wildlife and heritage fairs have been held across the area.

The journal has published numerous important papers; together the volumes now form a significant body of local information, complementing the earlier *Transactions of the Stirling Field and Archaeological Society* series (1878-1939). The journal includes some regular items such as meteorological and bird reports.

In addition, two books have been published. *The Stirling Region* (edited by Timms, 1974) and *Central Scotland; Land, Wildlife, People* (edited, by Corbett et al. 1993). These, along with most back issues of the journal, are available, free, online via the website, which also has an Index to the papers in the Journal; website <http://www.fnh.stir.ac.uk/journal/>

Copies of recent volumes of the Journal can be purchased through local outlets or via the Secretary (address below).

Forth Naturalist and Historian is now an independent, membership organisation, retaining close links with the University. It is a registered charity (SCO 13270).

We are pleased to discuss ideas for future conferences (including partnerships and sponsorship) or for papers in the journal (contact the Secretary, address below). Detailed guidance and support on preparation of papers can be given, if required. Outline Instructions for Authors are at http://www.fnh.stir.ac.uk/journal/jnl_instructions_to_authors.pdf

Honorary Secretary Marilyn Scott,

Stirling

Email: fnh@stir.ac.uk

Web: <http://www.fnh.stir.ac.uk>

