

State of Nature report 2019: loss of nature since 1970

- **15 per cent** of species under threat of extinction and **2 per cent** of species have already gone for good
- Average abundance of wildlife has fallen by **13 per cent** with the steepest losses in the last ten years
- **41 per cent** of UK species studied have fallen and **133 species** have already been lost from our shores
- Butterflies and moths, down **17 per cent** and **25 per cent** respectively. Numbers of high brown fritillary and grayling butterflies, have fallen by more than three quarters
- The average amount of mammals has fallen **by 26 per cent** and the wild cat and greater mouse-eared bat are almost extinct

3rd October 2019

An aerial photograph of a wide river flowing through a landscape. The river is a muddy, brownish-grey color. On the left bank, there are dense green trees and some buildings in the distance. On the right bank, there are bare, brown trees and a line of evergreens. The background shows a hilly area with more trees and some structures.

21st Century Threats

Climate Change

Habitat Loss

Over Development

Deforestation

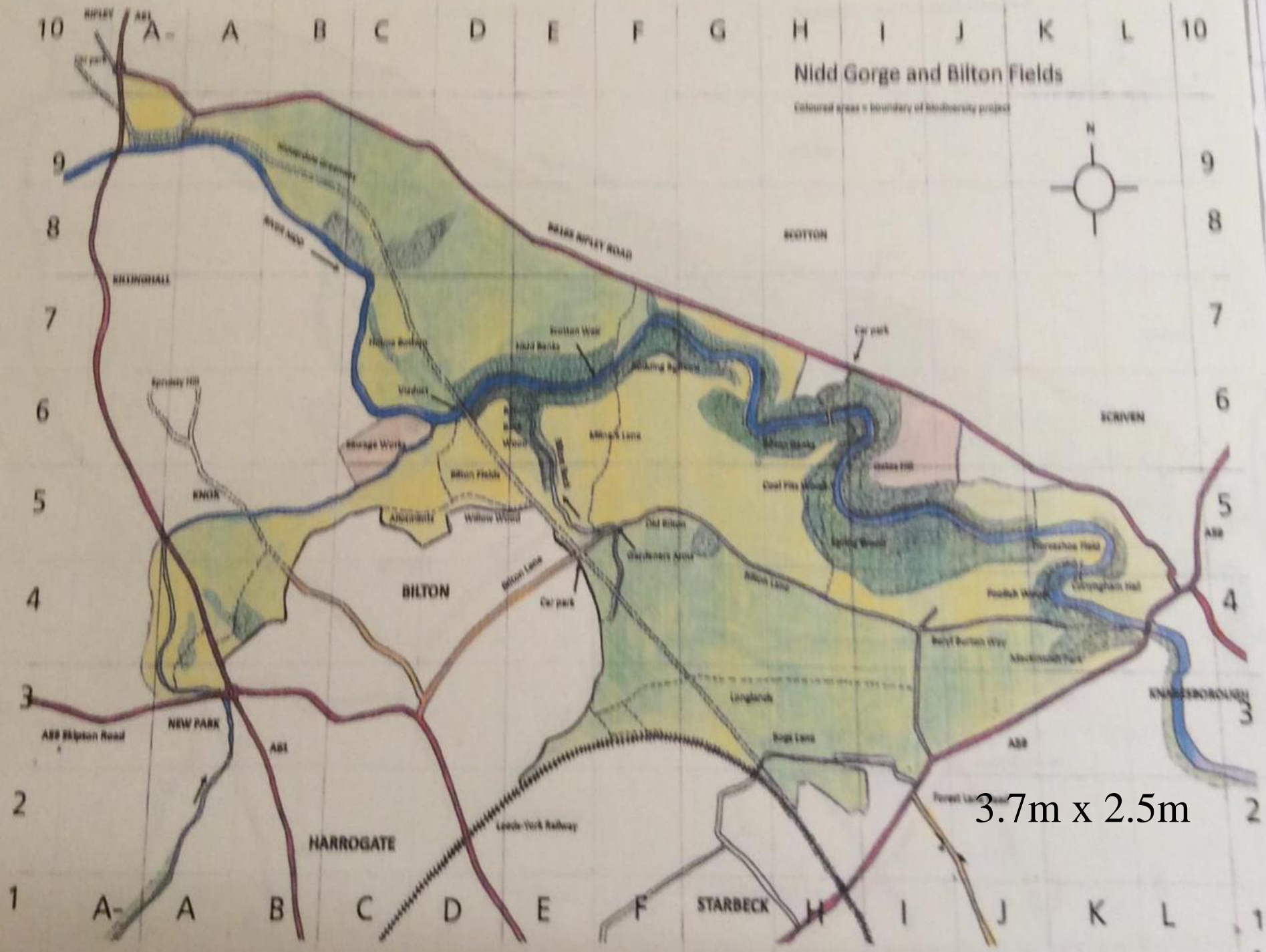
Intensive Agriculture

Water Pollution

Light Pollution

Thermal Pollution

Nidd Gorge 2015



NIDDERDALE
AND THE
GARDEN OF THE NIDD:
A YORKSHIRE RHINELAND.

BEING A COMPLETE ACCOUNT,
HISTORICAL, SCIENTIFIC, AND DESCRIPTIVE
OF THE BEAUTIFUL VALLEY OF THE NIDD.

BY
HARRY SPEIGHT,
AUTHOR OF "THE CRAVEN AND NORTH-WEST YORKSHIRE HIGHLANDS";
"THROUGH AIREDALE FROM GOOLE TO MALHAM," ETC.

ILLUSTRATED.

LONDON:
ELLIOT STOCK, 62, PATERNOSTER ROW, E.C.
1894.
Entered at Stationers' Hall.

1894

The first recorded
Biodiversity Report
of the Nidd Gorge Study
Area

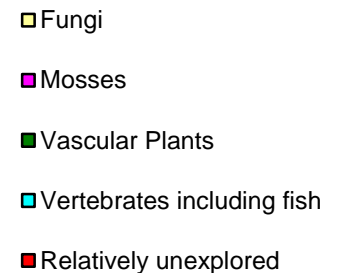
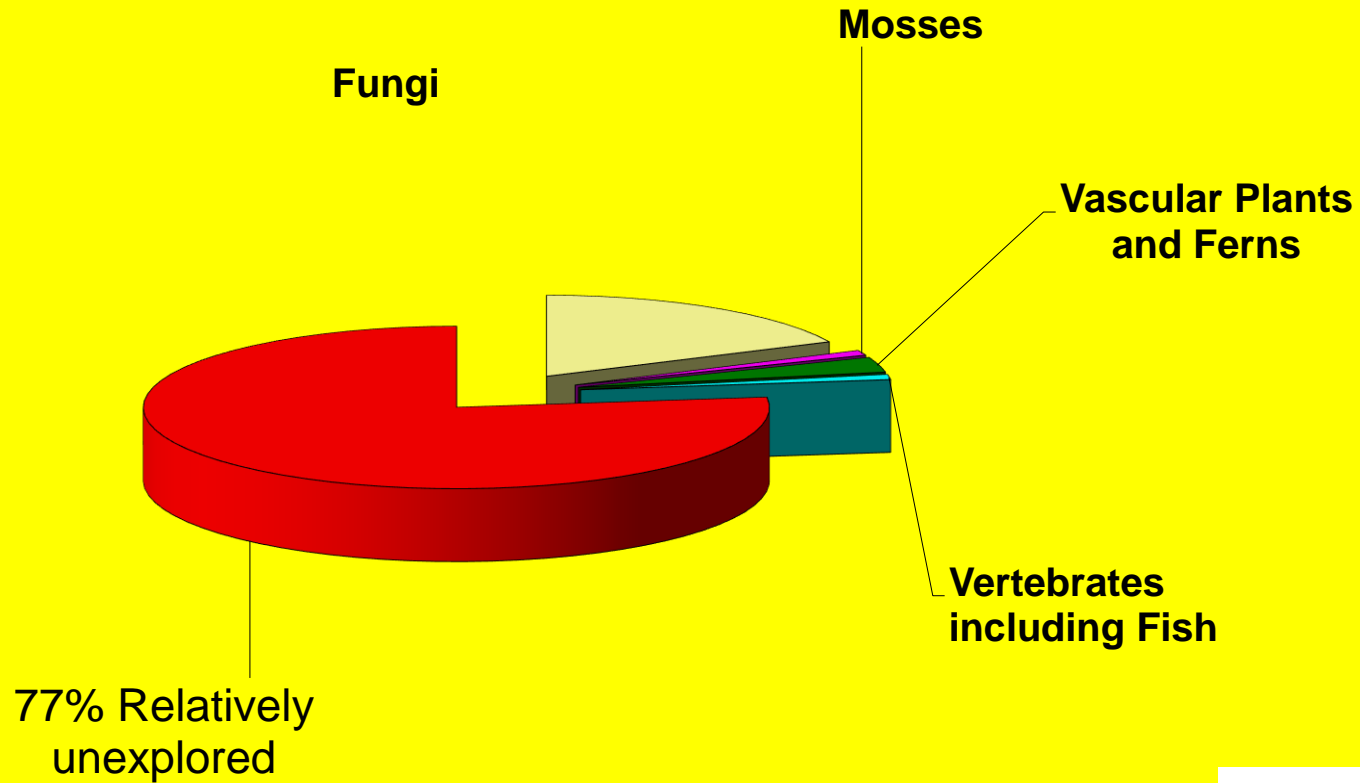
Wildlife of the Nidd Gorge

Foreword by Michael Clegg

1985



Life-forms Surveyed in Nidd Gorge Millennium Project



1999 - 2000

So what did our 3000 hours
achieve?

Species counts for:

Mammals - 21

Birds - 104

Amphibians - 4

Reptiles - 1


All plants – 650 +

Fish - 10

Fungi - 239



2016 - 2019

A silver metal spiral binding is visible on the left edge of the notebook, consisting of a series of loops that hold the pages together.

FLOWERING PLANTS

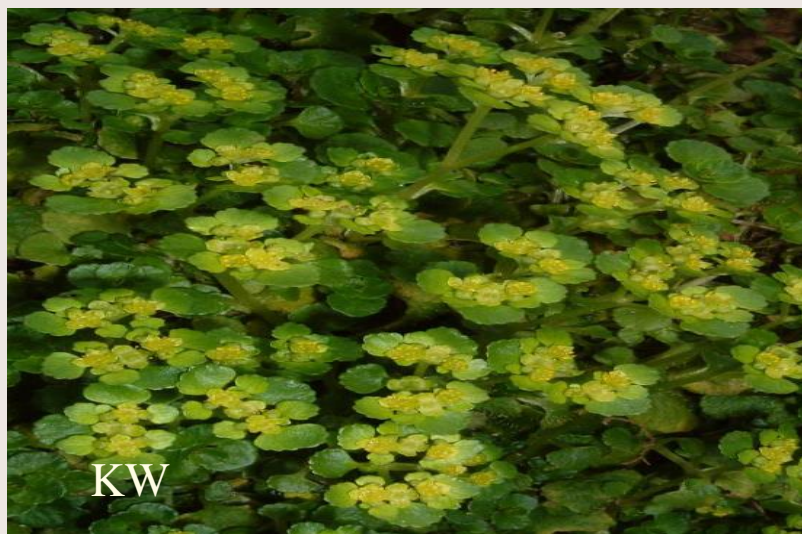
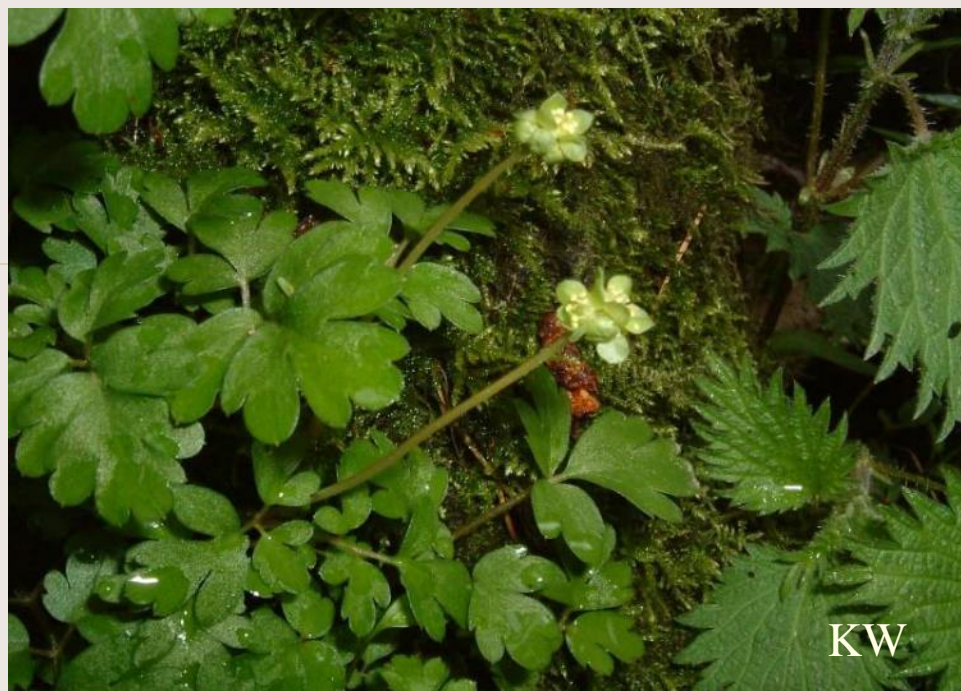














A silver metal spiral binding is visible along the left edge of the page, with the wire looping through a series of holes in the paper.

FUNGI

270+





INVERTEBRATES

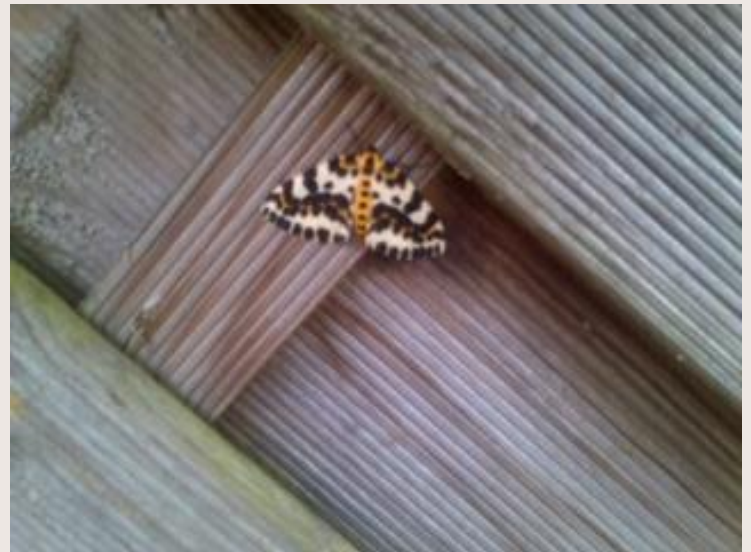
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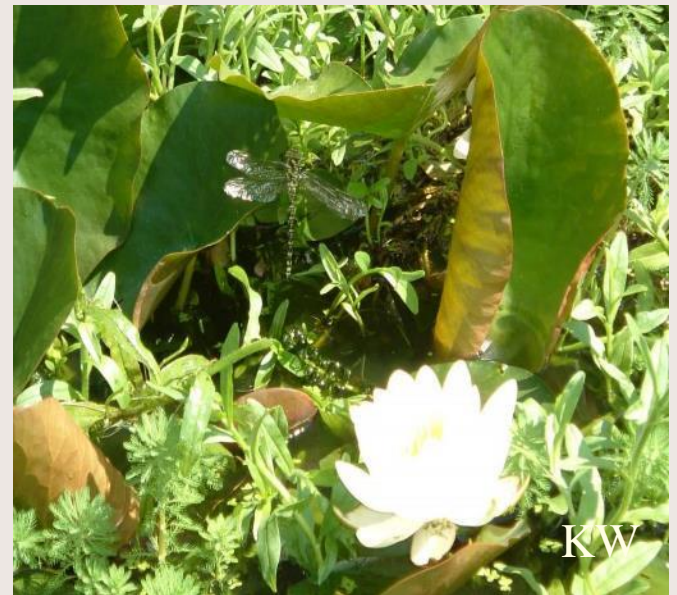
14/07/2017















15/06/2017





25/06/2017



**Collembola – a very long name
for a very small beast.....**

10/09/2017



KW





AMPHIBIANS

4









REPTILES

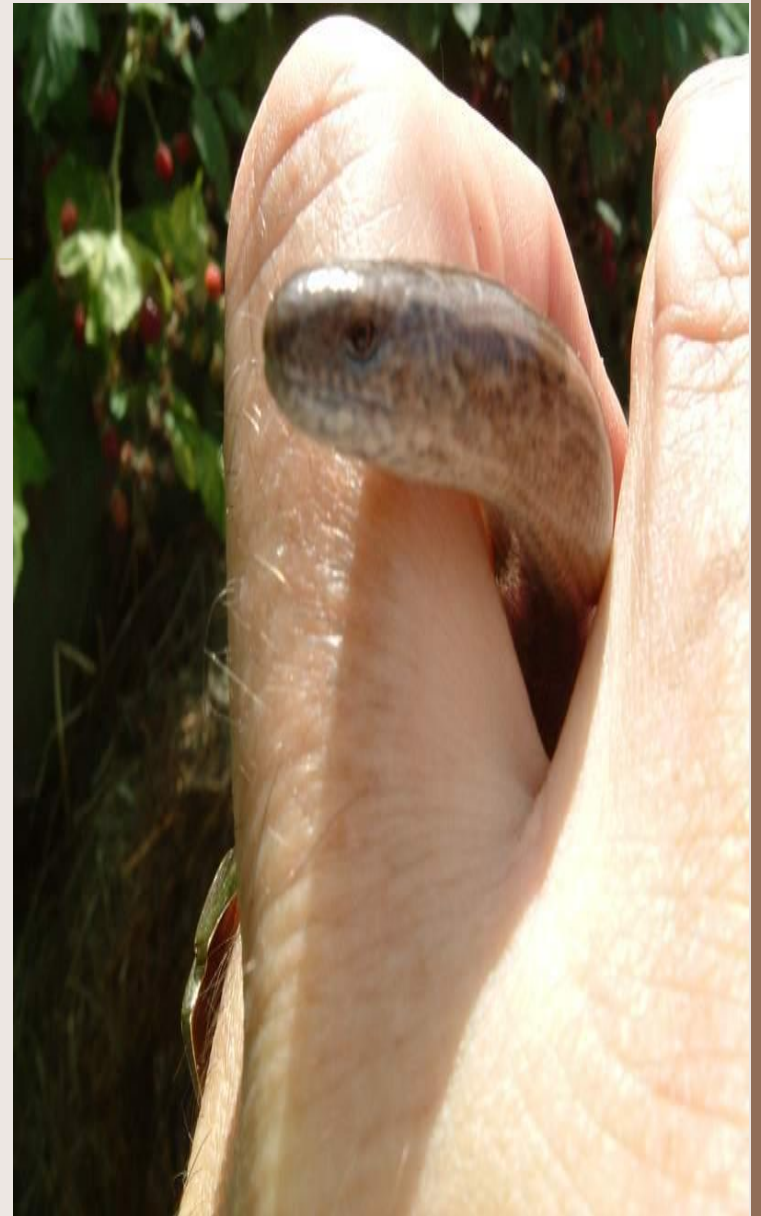
1+1



J Counter



EA





15/07/2017

CRUSTACEA

-1 +1



**Signal Crayfish –
reported as present at
Knaresborough 2005**

Gains



Losses

**White-clawed
Crayfish – last seen
2007 – Oak Beck**



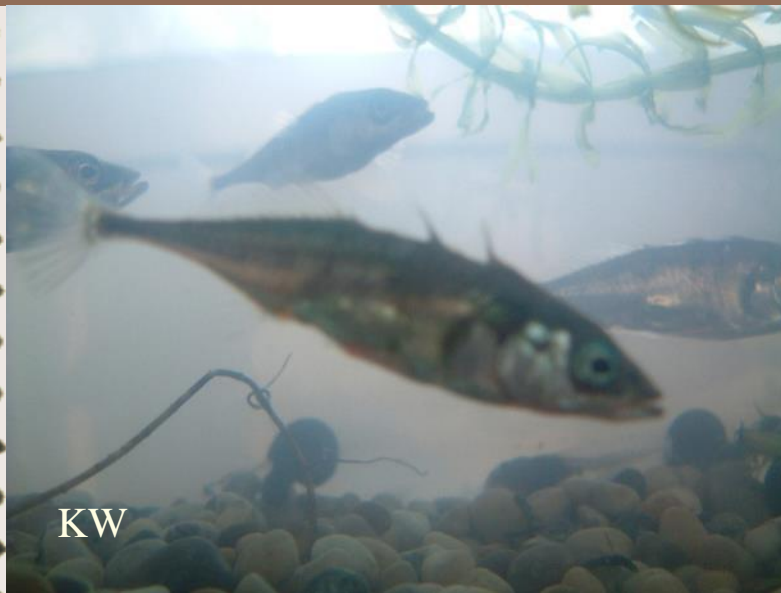
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FISH

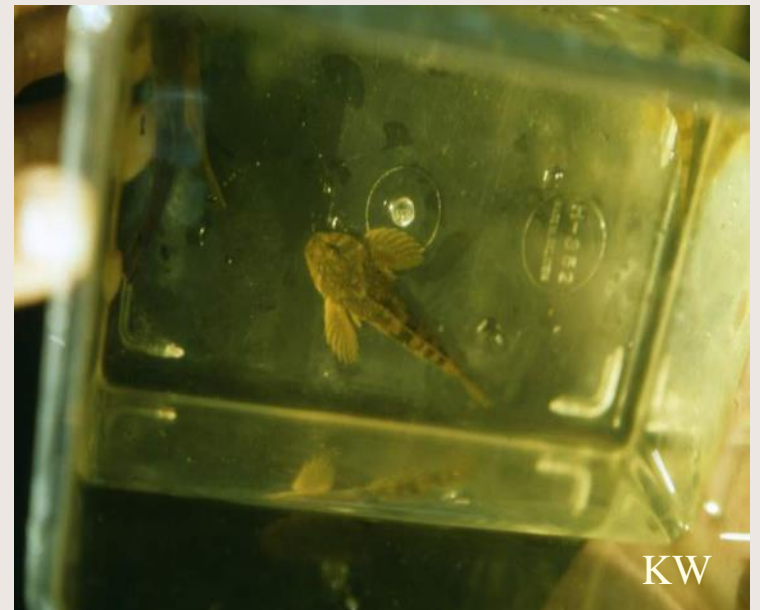
14 - 18







Good Indicators of Water Quality








A silver metal spiral binding is visible along the left edge of the notebook page.

BIRDS

118 + 5



+

A silver metal spiral binding is visible on the left side of the page, looping through a series of holes in the paper.

Skylark +
Little Egret +
Common Quail
(16/09/19)





+





Reed Bunting







14/02/2017









MAMMALS

21 – 1 + 1













29/05/2017













?



+



North American Mink – in retreat!





Think Global – Act Local
Tomorrow Is Too Late

Rotary Club of Harrogate Carbon Balance Scheme



www.harrogate.rotary1040.org