

Directions to

St Bees Village School, Main St, St Bees, CA27 0AA.

by car from St Bees railway station:

1. Head south east on Main St/B5345 towards Finkle Street.
2. In ~0.3 miles turn left into Outrigg, then take the first left.
3. Follow the road to the school grounds.

Parking is available on the school playground

Recommended reading:

Pollen grain drawings of Dorothy Hodges Dorothy Hodges

The pollen loads of the Honey bee Dorothy Hodges

Practical microscopy for beekeepers Bob Maurer

Pollen identification for beekeepers Rex Sawyer

Microscopy on a shoestring for beekeepers and Naturalists
Owen Meyer

For more information about beekeeping and organisations in Cumbria the following sites may be useful:

The British Beekeeping Association website: www.bbka.org.uk

Cumbria Beekeepers website: www.cumbriabeekeepers.co.uk

Whitehaven and District Beekeepers website:
www.whitehavenbeekeepers.co.uk

Whitehaven & District Beekeepers Microscopy of Pollen

**A Day course on examining pollen through
the microscope.**

At: St Bees Primary School

On: Saturday 17th February 2024

From: 9.30 am to 4.30 pm

Cost: £30.00

Please bring your own lunch.

Tea, coffee and biscuits provided.

**The day will cover Pollen; it's biology,
relationship to honey bees and methods of
identification.**

**Microscopes and equipment for making slides of
pollen grains will be provided for the practical
session and a starter kit will be issued for you to
“make your own” at home.**

**Closing date for applications is December 20th
but numbers are limited – apply soon.**

Programme

9.30: Registration

9.40: Introduction . Grahame Pinches Chairman W&DBK

9.45: Basics of Microscopy. Richard Robinson

Which types of microscope and how to use them

10.30 Structure of pollen. Grahame Pinches

11:15: Coffee Break

11: 30 Palynology; flowers and forensics. Val Sullivan

Links between pollen and bees (and occasional detective work)

12.15 How to make pollen slides for the microscope.

Grahame Pinches and Val Sullivan

13.00: Lunch Break

Please bring a packed lunch

Practical Session

13.40 Safety issues Grahame Pinches

13.50 Making slides of pollens for identification

15.45: Tea

16.00: Summing up

Please bring : Several flower types and /or dry pollen in paper envelopes, pollen loads from bees or from brood comb for use in the practical session.

If you have them bring your own dissecting kit and compound microscope. Please let W&DBK Secretary know and she will contact you about power supply for light etc.

Name: _____

Address: _____

Phone No: _____

E-mail: _____

I wish to attend the Whitehaven and District Beekeepers Pollen Day

on Saturday 17th February 2024

at St Bees Primary School

I enclose a cheque made payable to Whitehaven and District Beekeepers for £30.00/person

Or contact Secretary for BACS details.

Send to: Debbie Keighley, Secretary W&DBK

Moss Ghyll,

Asby

Workington

CA14 4RP

Tel : 01946 861538

E mail : debbie.m.keighley@gmail.com