

## Reverend Edward Budge-Cornish Mineral Collection

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Recently, the author had the opportunity to purchase a Victorian boxed collection of minerals comprising six mahogany trays with approximately 45 specimens per tray, making a total of 270 specimens. The box is of a mahogany construction with sturdy gilt-plated handles and has been modified to open downwards so that the trays may be accessed horizontally. The dimensions are 355x250x240 mm (or 14x10x9,5 inches). See Fig 1 and 2.



Figure 1 Box containing Cornwall and Devon minerals



Figure 2 Showing trays and contents of the box

One specimen tray has been strengthened using a piece of paper glued to the upper elevation and this bears some clues as to the date of the collection and the owner (Fig 3). A post-date suggests the collection was in existence pre 1847 and an address which has been mainly obliterated with strokes of India Ink. Areas not totally obliterated suggest that the owner/addressee was a Rev Edwd XXXX. A roundel (? Postmark) indicates AMPTO (Fig 4).

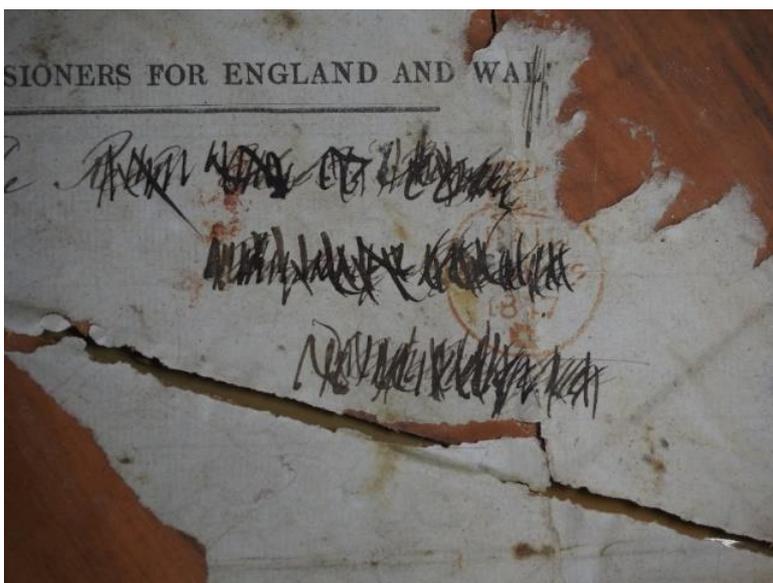


Figure 3 Obliterated address



Figure 4 Possible Post mark

### **Specimen Identification**

Unfortunately, the collection was received without a catalogue although all the specimens have a sequential number glued onto them. Many specimens can be identified from visual experience. The local University kindly gave me access to a portable X-Ray Fluorescence (XRF) analyser to which many of the specimens were subjected and identified.

Most of the specimens would indicate an origin from the South-West with suites of specimens including Babel quartz from the Tamar Mines, quartz/apatite from Colcerrow, chalcedony from Wheal Mary Ann, Orthoclase from Wheal Coates, Lizard serpentines, Bovey Tracy tourmalines, fluorites from Wheal Mary Ann and Trevaunance, classic dolomite replacing calcite from Bere Alston, small Lady's Slipper, Wheal Alfred pyromorphites, Wheal Unity mimetites and the usual vast array of metallic ores.

Investigations of ownership centred around those with the title Rev Edward XXX living during the period 1841-1851. These dates have the benefit of having a census every 10 years from 1841. However, during this time frame trade directories were also published and these analysed every parish in England. Cornwall and Devon also had these during the period of interest (1845). So, there are three datum points of 1841, 1845 and 1851 which conveniently straddle the date of 1847. It was shown that 39 instances of a Rev Edward occurred in the two counties during the decade. A number were young curates and most likely unable to purchase such a prestigious collection. Some clergy died prior to 1847 and others retired or were moved/promoted out of the areas. After analysis 4 candidates remained and one was involved with the Royal Geological Society of Cornwall.

It was when a fellow collector saw a previous article on this subject that he became intrigued. Being a Devonian, he spotted that the roundel AMPTO was in fact the partial postal mark for OKEHAMPTON which was a central location for the local post during Victorian times. He cross-

referenced any vicars with the Christian name Edward against membership of the Royal Geological Society of Cornwall and one member stood out, a Rev Edward Budge. It was noted from his Cambridge Alumni that he was the incumbent at Manaccan in Cornwall after serving two curacies prior to this. He remained there from 1839 until 1846 when he was offered a more financially rewarding parish at Bratton Clovelly in Devon by the Bishop of Exeter. Under magnification of the tray there was a suggestion that part of the address may be Bratton and that other loops and curls were in the correct position. So, the address could be:

Rev Edwd Budge  
Bratton Clovelly  
Okehampton

### **Forensic Analysis by Keele University**

Infra-red and ultra-violet analysis revealed parts of a script on the reverse of the label as follows.....  
To The Tithe Commissioners for England and Wales, London  
The Tithe Commissioners request you will be careful to forward all letters and packets not exceeding three feet in length, addressed to the Board through the Post-office: and to send such packets only as exceed the above by coach or van.

This reference was also found in a copy of  
Household Words  
A Weekly Journal  
Conducted by Charles Dickens  
Volume V, from the 20th of March to the 11th of September 1852

In this Charles Dickens is making fun of the different regulations and requests made when sending/addressing communications to various bodies  
So, these are the wrapping paper/envelopes used in communications to the Tithe Board in London.

The Tithe award was dated 30<sup>th</sup> April 1845 and confirmed by the Tithe Commissioners on the 30<sup>th</sup> of December 1846.

Reverend Edward Budge was instituted to the Rectory of Bratton Clovelly on the 4th of March 1846, voided by the death of the incumbent Christopher Birdwood and thus received Tithe of £460 (equivalent to £57,136 today).

### **Edward Budge's interest in geology**

The Reverend Edward Budge was an active participant in the Royal Geological Society of Cornwall and the following list of articles are those published in their Transactions during his incumbency at Manaccan (1839-1846)

On the Conglomerates and Raised Beaches of the Lizard district, **VI**: 1-11, 1841.  
On the tract of land called the Lowlands, in the parish of St Keverne, **VI**: 59-63, 1842.  
On Diluvial Action, as exemplified in the Gravel-beds and Sienitic formation of Crousa-Down, in the parish of St Keverne, **VI**: 91-98, 1843.  
On the hornblende slate and other associated rocks of the Meneage district, **VI**: 173-180, 1844.  
On the Granitic and other Associated Rocks of Cornwall and Devon, **VI**: 288-293, 1846.

Taking 1847 as the approximate date of the assemblage of the collection and was assembled by a local dealer having access to a wide variety of contemporary specimens then there is a limited number of suppliers that could be identified. It is known that Edward Budge wrote many articles on the subject of geology and mineralogy whilst a vicar in Manaccan (1839-1846) further reinforcing the view that he acquired the collection either by purchase or gift from a local notable dealer.

Of the three likely local candidates, **Richard Talling** was not known to have supplied boxed collections. He was the pre-eminent dealer of his day and took a personal interest in collecting wherever possible. He mainly supplied high quality minerals to the most learned characters of the day including royalty both here and abroad. .

**Joseph Joseph** of Redruth made up collections of minerals and his advertising leaflet describes these as:

*200 specimens in four drawers                    £5.5.0*  
*350 larger specimens in eight drawers   £10.10.0*  
*In mahogany cabinets*

He is noted as preparing collections specialising in Cornwall and Devon minerals

**John Lavin** of Penzance gives a description of his collections from Besley's Hand Book Advertiser:

*This unique collection of Cornish minerals contains specimens of the most interesting and rare substances, with perfect crystallisations for which the above county has been so justly celebrated. 100 Minerals scientifically arranged in a case with descriptive catalogues, from £1 to £3. Larger specimens neatly set in a mahogany cabinet from £5 to £10. More extensive selections and first-rate specimens from £20 to £50 upwards.*

From the descriptions given, certainly Joseph Josphe and John Lavin were supplying the market with collections contained within mahogany cabinets

The next data point is the death of Edward Budge which occurred in 1865 and it can be proven that he was still in possession of the mineral collection. His will and testament, amongst many other disbursements states that

*to his wife Ann Budge formerly of Bratton Clovelly but now of Saint Thomas the Apostle (near Exeter) both in the County of Devon, widow, the relict of the deceased, I leave her my small cabinet of choice shells together with all the shells minerals fossils and curiosities of whatever kind are in my house to keep and retain for her own use or to distribute among any of the members of my own family but not to bequeath to any other persons.....I give to her on the condition of not alienating from my family hereafter*

Edward Budge's wife, Anne, died on the 11<sup>th</sup> of December 1893 and her will does not mention any of her husband's natural science collections other than her books, paintings and some pictures (which were those from her husband, were to be given to her son, The Reverend Simcoe Budge. The surviving daughters remained unmarried and another son emigrated to Australia, so are unlikely to have inherited the collections.

The boxed collection arrived in Derbyshire at some undetermined time and was located in Eyam from around the 1970s.

This article is a precis of a larger work in preparation. The author would welcome any further information on the geological interests of the Reverend Edward Budge and especially any comments on the boxed mineral collections assembled by the contemporary mineral dealers of the Southwest mining area. Please contact John Cooke at [john.cooke100@gmail.com](mailto:john.cooke100@gmail.com).