Aside from his curatorial, scientific and publishing activities, Edward Charlesworth had other strings to his bow.

ELEVATOR GUN

During his enforced sojourn in Central America in 1840, Charlesworth busied himself in designing an 'elevator gun', which he hoped to see adopted by the British army.

The 'elevator' was essentially a handle which could be attached to the base of a rifle or stick gun, to counteract the recoil and minimise the risk of injury from the barrel blowing up when using large charges of gun powder. He also patented an improvement to a bill or letter holder, which too involved the addition of a handle—this time to an existing sprung ring.

For sale! The new patent

ELEVATOR GUN

The use of this gun is so easily acquired that a even a child may shoot with it. An ounce of shot and two and a half drachms of powder may, after a little practice, be fired with perfect safety. Indispensable for the naturalist and explorer abroad.

Further particulars may be had from:-
EDWARD CHARLESWORTH & Co
No.1 De Grey Street, York

BRITISH NATURAL HISTORY SOCIETY

The British Natural History Society was, according to one of his obituarists, an organisation founded by Charlesworth and of which he remained the only member.

The Society was formed in York in 1848, with the aim of collecting and supplying museums and the interested public with quality fossil specimens. Although initially supportive of the enterprise his employers, the Yorkshire Philosophical Society, withdrew their approval and it wasn't until Charlesworth had left the York Museum (due to another public outburst in which he seemed to be critical of biblical teachings) in 1858 that he could technically turn his full attention to the venture. Unfortunately he would rather spend his time collecting than selling so this and his other schemes generally failed through his lack of business sense.