

## **Sound Sculptures as Proposed for Sound Garden at Cecil Sharp House**

1)

Pin Barrel Harp: an ornamental structure incorporating a harp-like instrument which can be either played manually or by inserting pins into a cylinder to programme an automatic performance. The cylinder may be driven manually or by a built-in motor powered by a battery charged by solar cells mounted at the top of the structure. The harp strings are acoustically amplified by a diaphragm and horn assembly, and is unlikely to be capable of sound levels exceeding those of other acoustic instruments currently used on occasion in the garden. Construction is mainly in stainless steel, with a footprint of 1.8M x 1.53M; the upper section tapers to a point as viewed from the side, at a total height of 2.75M.

2)

Sonic Stage: a platform on which dancers may combine dance steps with musical performance by means of a series of surface-level keys built into the front section. These will produce a range of bass notes intended to complement the middle ranging span of the pin-barrel harp. As this will also rely on acoustic amplification, its levels will also be within the area of other acoustic instruments. Construction is mainly in stainless steel, with a footprint of 2.4M x 1.2M, and a height of 0.4M.

3)

Percussion Tree: a structure supporting tuned ranges of bottles and metallophones of various types. It is sited behind the sonic stage to allow performance either by the dancer or by another player from behind. Again constructed mainly in stainless steel, it has a footprint of 2.4Mx 0.9M and a height of 2.2M.