

David Pawley is the inspiration behind and organiser of the Newbury meeting. We cannot thank him enough for all he does in getting this show on the road, so we are not going to try!

John Moir, Wanslead, London Peter Ransom. Rownhams. Southampton

[The photographs have been contributed by Peter Ransom and by Mike Covvham. to whom we are very grateful]

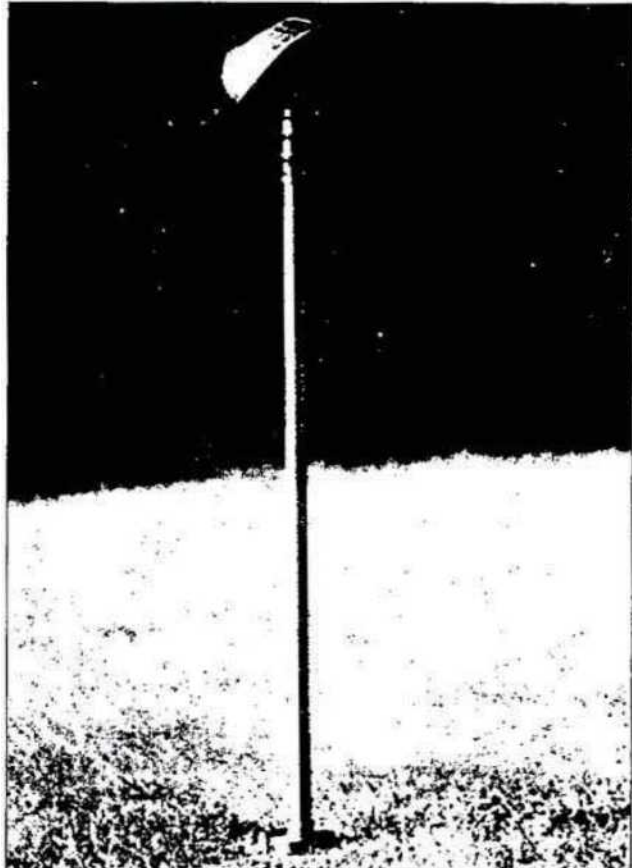
HELIOS

We have received particulars of an interesting type of Sundial, called by his designer Helios'. The design, by Carlo Heller of Wiesbaden, is based in the 'reflected ceiling dial' The mirror is inserted into the top of a narrow stainless-steel column placed vertically in the ground, and the screen receiving the reflected sunbeam is fixed above it. The screen takes the form of a world globe, the northern hemisphere from the Tropic of Capricorn northwards. It is made of transparent plastic material and inscribed with the outline of continents and oceans, and with lines of longitude and declination lines. The designer's leaflet tells us:



Helios, showing mirror in upper end of Steel coturno

"The operating principle of the Helios sundial—the projection of sunlight onto a globe-shaped screen—enables the simultaneous display of time, the date, and apparent migration of the sun, with the highest possible degree of precision. The zenith position, daily migration, seasons, tropics, equinoxes — the sun itself makes these phenomena



Helios in position on a lawn



Helios dial-plate

visible on the screen..... The pointer is the sunlight, which is arriving« from a different direction every single moment. The beams of light meet the mirror of the sundial and projects the image of the circular sun as a point of light on the screen The luminous point wanders across the globe and shows us at which place the sun is at this very moment vertical to the earth—at its zenith. You can follow the sun's path across our planet every day, all the year round..... Every day the sun follows a different course between the tropics."

The stainless steel column is 130cm in height. The globe-shaped display screen, circumference 30cm, consists of all-weather acrylic glass.

The photographs may give readers an idea of the structure and working of 'Helios'.

Further particulars, a brochure and a CD. are available from the Editor.

