



BIRD'S EYE VIEW.

phæno

da staunst du.



SET the arm with the black ring in the „north pole“ position and the thin rod vibrating.

TURN the entire hemisphere once round and **WATCH** the rod's vibrations closely as you do this.

REPEAT the experiment, but this time **WALK** round with the turning hemisphere.

What seems to have changed with the movement of the vibrating rod end?

When you look down from the „north pole“ position, onto the vibrating rod end, its vibrations remain in the same direction, whether the „earth“ under it is being turned or not. If you go round with the earth as you turn it, it now appears to you as though you are stationary on the earth and the vibration direction is changing. This is exactly the kind of impression that visitors to the Panthéon in Paris have. Here a very long, so-called Foucault pendulum swings to and fro and its swing direction steadily changes. With the help of this pendulum, in 1851 the French physicist, Léon Foucault, demonstrated that the earth is turning.

