

names in different languages. A start was made with those names which take a great part in religion—but after two or three pages there are only things of everyday experience, men living on the earth, working at machines, etc. The pictures of this *Orbis Pictus* are not at the same level as the new idea of their use--their designer is not an authority for our designing like Comenius for our teaching. There were a number of 'orbis pictus,' but in not one of them is there any idea of a common system for writer and designer. Frequently the delicate thought which has been given to the writing has not been given equally to the designing.

The invention of printing in black and white gave a new impulse to every sort of writing and designing for a wide public. All the developments were independent of one another and went forward quite separately. One special branch of work was the making of pictures of military stations and of fights, in which the order of military units is designed in a way which is very like the ISOTYPE system (see Picture 37). These pictures were made for experts who had no training in the art of design, so they gave true and

clear-cut accounts which were at the same time simple for normal readers. Of the same sort were pictures of machines, of ships and carriages, of the first railways, etc. Some of them were very good teaching-pictures, giving a true and complex account. But there were no conscious rules of design.

In the writings of Leibniz we come across the idea that picture-making is to be done with the help of science. His desire was to make an 'atlas universalis' in connection with an encyclopaedia. The French encyclopaedia gave a great amount of material and a great number of pictures, but there was only a loose connection between them. In our day Paul Otlet (Palais Mondial, Bruxelles) is taking a step further. His idea is the building of a 'cité mondial' for the organization of museums and the distribution of printed material and pictures. He made a start to get together picture material from all countries. He has the desire to get museums of a new sort started in all countries: MUNDANEUMS, that is, museums of man's development. The GESELLSCHAFTS- UND WIRTSCHAFTSMUSEUM IN WIEN with its