

reasonable calculation. In order to arrive at a better understanding of the facts surrounding these immigrants, a few cases are taken up in detail.

The Case of *Gryllotalpa gryllotalpa* (L.).

(Pl. XIV, fig. 2).

The Mole Cricket, *Gryllotalpa gryllotalpa* (L.), came to New Jersey from Holland, where with other members of her species, she occupied her time excavating tunnels through the soil, feeding on insect larvæ, cutting off plant roots in her path, raising a large family of children, eating them when other food was scarce, and incidently making a nuisance of herself to Holland agriculturists. One day while she and her husband were resting in a tunnel beneath a rhododendron growing in a nursery, the plant was suddenly dug up and before they could run, they found themselves imprisoned by a piece of burlap wrapped around the roots. Too frightened to try to escape, they dug a passageway for themselves in the closely packed soil and awaited developments.

This plant together with others was placed in a huge box which was floated down a canal in a flat-bottomed barge until an ocean-going steamer was reached. Here it was loaded none too gently into the hold of the vessel, which in due time docked at Hoboken, New Jersey. Following this, the case was loaded on a freight car and finally reached its destination in that state. Here the plant was removed, the burlap around the roots loosened, and the whole thing planted. Finding themselves free at last, Mr. and Mrs. *Gryllotalpa* crawled out to investigate and found conditions pretty much the same as they had been before their rough experience. So these two "shanghaied" creatures started a sub-way right then and there, and in due time raised another family. During the next few years they flourished exceedingly well, increasing in numbers by leaps and bounds, and finally cutting off so many roots that the plants wilted and died and the owner called in an entomologist to suggest a remedy.

And so ends the case of *Gryllotalpa*. Of course, the plants were officially inspected before the owner was allowed to plant them, but the inspector never thought of looking in the soil around the roots. If he did, he decided that it was not practical on ac-