publications, especially on the Aphididæ, are well known. "The Life-history of Two Species of Plant-lice inhabiting both the Witch-hazel and Birch," issued as Technical Bulletin No. 9, is a remarkable contribution, and one which took nearly twenty-two years of patient labour to complete. Two other important publications are "The Life-history of the Alder Blight Aphis," issued as Technical Bulletin No. 24, and the "North American Phylloxerinæ Affecting Hicoria (Carya) and other Trees." This latter, published in Volume IX of the Proceedings of the Davenport Academy of Sciences, comprises pp. 185 to 273, accompanied by 21 plates. It is, indeed, a valuable contribution. The Entomological Society of Ontario occasionally received from Mr. Pergande short articles for publication in this journal.

The death of Mr. Pergande, who was the oldest assistant, in continuous service, in the Bureau of Entomology, Washington, D.C., took place after a brief illness of less than two weeks. The work he accomplished during his long engagement in the service of the United States Government will long be appreciated. We, in Canada, were indeed sorry to learn of his demise.

ARTHUR GIBSON.

NOTES AND QUERIES.

INHABITANTS ON AN APRIL MUD PUDDLE.

On the afternoon of April first I determined to start out on the initial 1916 collecting trip in spite of the ice on the pond nearby and the still lingering snowdrifts in the woods.

Wading along in the open water, at the edge of the pond, I started out a few *Peltodytes* (*Cnemidotus*) and *Hydroporus*, and discovered a couple of *Matus bicarinatus* on the under side of a board. Passing on up the hill, after investigating a shallow pool at the foot without success, through the oak scrub to an abandoned gravel pit, I came upon a small puddle of water about two inches deep and six feet square. After stirring this up and taking a few *Hydrobius fuscipes* and one *Hydroporus tristis*, I proceeded to tread the few inches of soft earth into a mass of mud and water, with the following surprising results, which came floating to the