



The life and contributions of Prof Xin Jie-Liu (1909–1994)*

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Abstract

Prof Xin Jie-Liu (1909–1994) was an outstanding entomologist in China during the last century. He was one of the founders of acarology and stored product entomology in China. He was also a pioneer of forest entomology, insect pathology, insect physiology and soil zoology in China. This tribute is prepared to commemorate the centenary of his birth. An account of his life and career was given, along with analyses of his works and contributions to the development of acarology and entomology in China. A bibliography of his 133 papers and 42 books (including 17 translated books) was presented for the first time.

Key words: biography, bibliography, acarology, mites, stored grain, entomology, soil zoology, pest control, history of science, China

Introduction

The early development of many branches of biological sciences in China is closely associated with the first couple of generations of scientists, who studied overseas (mostly in Europe, USA, or Japan) and returned to China as pioneers and founders of various branches of biosciences in the early 1900s. Prof Xin Jie-Liu¹ (1909–1994) was one of them and helped to establish acarology and several other branches of zoology in China. Here we review his life and contributions to commemorate the centenary of his birth.

There are only a few published accounts of Prof Xin's life and contributions. In their historical review of acarology in China, Chen *et al.* (1982) included a couple of paragraphs on Prof Xin (pp. 67–68). This was updated by Chen and Ma (1992) in their book “*Researches of Acarology in China*”, with the addition of only a few sentences. A brief resume of Prof Xin was also published in the “*China Agriculture Encyclopaedia Insect Volume*” by Yang (1990). Similar entries were included in dictionaries and records of professors by Zhang D.-L. (1988), Wang Z.-F. (1992), Wu (2001) and Wang R.-H. (2007). Dong Hui-Qin also found a brief account of him from Fudan University personnel records. Shen (1995) and Zhang G.-L. (1995) published brief accounts of Prof Xin on the first anniversary of his death. All of these are very brief and within one page in length. He (1996) published a biographic sketch of Prof Xin, with a focus on his contributions in late years.

1. In Chinese 忻介六; also transliterated as Chiu Chu-Sieh or Shin Kai-Lo in early years