

Fossil amiids (Pisces) of China and their biostratigraphic significance

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This paper reviews the Sinamiidae. The supplementary descriptions of *Sinamia huananensis* and *Ikechaoamia orientalis* are made. The specific characters of these two genera have been emended. On the basis of this, the geological and geographical distributions of *Sinamia* and *Ikechaoamia* are discussed. The sinamiids yielded from the *Lycoptera*-bearing beds in North China are *S. zdanskyi* and *I. orientalis*, and from the *Mesoclupea*-bearing beds in Southeast China are *S. huananensis* and *I. meridionalis*. Based on the characters of the fish faunas stated above, the formations containing these two fish faunas in North and Southeast China should be Upper Jurassic and can be correlated generally.

Key words: pisces, Sinamiidae, Upper Jurassic, China.

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