

Palynostratigraphy of Silurian sediments in west Iraq.

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Palynological studies were carried out on subsurface samples from water & oil wells (KH5/1, KH5/6, Khleisia-1 & Akkas-1) in west Iraq.

Well preserved assemblages of organic-walled microfossils (Acritarchs, Chitinozoa and Spores of land-plant type) were recovered.

These microfossils have proved for the first time the presence of Silurian sediments in west Iraq.

Biofacies study indicates that during Silurian time these localities belong to *Neoveryhachium carminae* & mixed of *Neoveryhachium carminae-Domasia*, *Deunffia* belts, which reflects the Palaeoclimate at that time.