

Taxonomic notes on *Phoebodus heslerorum* and *Symmorium reniforme* (Chondrichthyes, Elasmobranchii)

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Acta Palaeontologica Polonica 47 (3), 2002: 547-555

The revision of shark teeth from the Pennsylvanian black shales of central USA, ascribed to "*Phoebodus heslerorum*" Williams, 1985 and *Symmorium reniforme* Cope, 1893, shows that "Ph. heslerorum" is a junior synonym of "*Cladodus*" *divergens* Trautschold, 1879. This species belongs neither to *Phoebodus* nor to *Cladodus*, so a new genus *Heslerodus* is proposed. Very common, robust cladodont teeth with a deep labio-basal depression and two buttons, often referred to as *S. reniforme*, do not belong to the latter species, but to "*Cladodus*" *occidentalis* Leidy, 1859. The generic affinity of "C." *occidentalis* is yet undetermined, but it is possible that it represents ctenacanthoids.

Key words: Chondrichthyes, Palaeozoic, Carboniferous, teeth, taxonomy

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