

## عنوان مقاله:

Studying morphological and environmental characteristics of the Plateau Snake Skink *Ophiomorus nuchalis* Nilson and Andrén, 1978 (Sauria: Scincidae) in Central Plateau of Iran

## محل انتشار:

مجله بیوسیستماتیک حیوانات, دوره 11, شماره 2 (سال: 1394)

تعداد صفحات اصل مقاله: 7

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## خلاصه مقاله:

The nocturnal burrowing skinks of genus *Ophiomorus* is composed of 11 species (Anderson & Leviton, 1966; Nilson & Andrén, 1978; Anderson, 1999; Kazemi et al., 2011) and are distributed from southern Balkans to Sindhian deserts in India (Anderson & Leviton, 1966; Sindaco & Jeremčenko, 2008). Seven species of *Ophiomorus* have been recorded from Iran including *O. blanfordi* (Boulenger, 1887); *O. brevipes* (Blanford, 1874); *O. nuchalis* (Nilson & Andrén, 1978); *O. persicus* (Steindachner, 1867); *O. streeti* (Anderson and Leviton, 1966); *O. tridactylus* (Blyth, 1853); *O. maranjabensis* (Kazemi et al., 2011)(Anderson, 1999; Rastegar-Pouyani et al., 2008; Kazemi et al., 2011; Safaei-Mahroo et al., 2015). According to Greer and Wilson (2001), the scincid lizard is more attractive case to study because of having ancestral characters and limb reduction. In the case, *O. nuchalis* is one of the skink species with having the most primitive limb morphology which has four digits on the manus and three on the pes (Greer & Wilson, 2001; Fig. 4). A comprehensive phylogenetic cladistic analysis on the genus *Ophiomorus* was done by Greer and Wilson (2001). Their analysis confirmed *Ophiomorus* as a monophyletic genus and the eastern species clade as monophyletic. The western group of species was expressed as polyphyletic in origin. The *O. nuchalis* is located in the western group. Another study has been mentioned molecular phylogenetic relationships of *O. punctatissimus* in Aegean trench but phylogenetic relationship among all Iranian *Ophiomorus* still remain unclear (Poulakakis et al., 2008).

## کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

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