

## A case of cannibalism in *Hierophis gemonensis*: preying on conspecific adult

### Slučaj kanibalizma kod zmije šare poljarice *Hierophis gemonensis*: hranjenje jedinkom iste vrste i veličine

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Figure 1. *Hierophis gemonensis* feeding on conspecific adult

Slika 1. *Hierophis gemonensis* se hrani jedinkom iste vrste i veličine

During the field work in vicinity of Split, Croatia, on May 28<sup>th</sup>, 2011. Duje Lisičić (photo author) and his team observed a Balkan whip snake (*Hierophis gemonensis* (Laurenti, 1768)) eating a conspecific of similar size (Fig. 1). It was midday, and snake was found among large rocks in low grass in olive growth (43°32'56.29"N; 16°31'1.15"E). It is not unusual for *H.*

*gemonensis* to prey on snakes (JELIĆ & BORIS, 2011), since this opportunistic snake feeds on variety of vertebrates as well as invertebrate prey (ARNOLD & OVENDEN, 2002). Cannibalistic behaviour has been documented for snakes (ENGEMAN et al., 1996 PERNETTA et al., 2009), but eating conspecifics of similar size has both advantages and disadvantages (POUGH et al., 2001). It is interesting that this highly predatory species has evolved feeding strategy to prey on conspecifics of similar size.

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