

## عنوان مقاله:

(Life history and larval performance of the Joker butterfly, *Byblia ilithyia* (Lep.: Nymphalidae)

## محل انتشار:

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## خلاصه مقاله:

We describe, for the first time, the life history of the Joker butterfly, *Byblia ilithyia* Drury and larval performance in terms of food consumption and utilization, and the length of life cycle on its host plant *Tragia plukenetii* A. R. Smith. Our study was conducted throughout ۲۰۰۷ in the Andhra University campus and the Zoo Park area, ۵ km away from the campus, at Visakhapatnam ( $17^{\circ} 42' N$  and  $82^{\circ} 18' E$ ), South India. *Byblia ilithyia* completes its life cycle in  $19.20 \pm 1.30$  days (eggs ۳, larvae, ۹-۱۲, pupa ۵-۶ days). The values of nutritional indices across the instars were AD (Approximate Digestibility) ۵۵.۷۷-۹۴.۹۸%; ECD (Efficiency of Conversion of Digested food) ۱.۹۳-۲۵.۲۶; ECI (Efficiency of Conversion of Ingested food) ۱.۸۳-۱۴.۰۹, measured at the temperature of  $28 \pm 2^{\circ}C$  and RH of  $80 \pm 10\%$  in the laboratory. These relatively high values, at least partially explain ecological success of *B. ilithyia* in the urban environment.

## کلمات کلیدی:

دوره‌ی نشو و نما، *Byblia ilithyia*، پرورش در ظروف، مراحل نابالغ، *Tragia plukenetii*، شاخصهای مصرف غذا

## لینک ثابت مقاله در پایگاه سیویلیکا:

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