1-17. Fluctuation of DNJ Concentration in Silkworm, *Bombyx mori* through the Life and Relationship between the Concentraction of *Morus alba* Leaves and *B. mori* Larva

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DNJ concentration in silkworm, *Bombyx mori* was traced through the life. DNJ absent in egg existed over the concentration of 5 mg gdw-1 from 1st instar to 4th day of 5th instar during larva period. DNJ concentration decreased drastically with body weight about at 7-8th day of 5th instar when silk production became a major process. After pupae period, DNJ disappeared and only trace was detected. When *M. alba* leaves of high-level DNJ were fed on *B. mori* larva, there was little effect in the concentration of DNJ in larva whole body, but there was a remarkable increase of DNJ concentraction in the feces. That means not only that the capacity of silkworm body for DNJ may be constant at any time during larva, but also that excessive influx of DNJ would be excreted.