

さなぎ(蛹)にならない虫の観察

(不完全変態昆虫の観察)

カメムシは脱皮を繰り返し、さなぎにならずに成虫になります。脱皮するたびに背中模様が変わるのも見ものです。

アカスジキンカメムシ

孵化 2016.8.12 k

終齢幼虫 2015.8.27 k

色んな齡の幼虫 2016.8.12 k

成虫 2010.6.7 e

Detailed description: This section illustrates the life cycle of the Akasujikin Kamemushi. It features four circular photographs. The top-left photo shows a cluster of small, white, oval-shaped nymphs on a green leaf, labeled '孵化' (hatching) and dated '2016.8.12 k'. A yellow arrow points to the bottom-left photo, which shows a group of nymphs of various sizes and colors (from white to dark brown) on a leaf, labeled '色んな齡の幼虫' (nymphs of various ages) and dated '2016.8.12 k'. A yellow arrow points from the top-right photo to the bottom-left photo; the top-right photo shows a single, larger nymph with a dark brown and white patterned back, labeled '終齢幼虫' (final instar nymph) and dated '2015.8.27 k'. A yellow arrow points from the top-right photo to the right-side photo, which shows a fully developed adult with a bright green body and a dark red stripe along its back, labeled '成虫' (adult) and dated '2010.6.7 e'.

ジュウジナガカメムシ

幼虫 2014.7.12 e

幼虫 2011.8.17 e

成虫 交尾 2014.6.17 e

Detailed description: This section illustrates the life cycle of the Jujinaga Kamemushi. It features three circular photographs. The left photo shows a nymph with a reddish-brown body and black legs on a green leaf, labeled '幼虫' (nymph) and dated '2014.7.12 e'. A yellow arrow points to the middle photo, which shows a larger nymph with a more complex black and orange pattern, labeled '幼虫' (nymph) and dated '2011.8.17 e'. A yellow arrow points from the middle photo to the right photo, which shows an adult with a distinctive black and orange diamond-shaped pattern on its back, labeled '成虫 交尾' (adult mating) and dated '2014.6.17 e'.

エサキモンキツノカメムシ

幼虫 2015.9.15 e

成虫 2013.10.18 e

Detailed description: This section illustrates the life cycle of the Esaki Monkitsuno Kamemushi. It features two circular photographs. The top photo shows a nymph with a yellow and black patterned back on a green leaf, labeled '幼虫' (nymph) and dated '2015.9.15 e'. A yellow arrow points to the bottom photo, which shows two adults with a brown and white patterned back on a green leaf, labeled '成虫' (adult) and dated '2013.10.18 e'.

エゾゼミ

セミの幼虫は地下で何度か脱皮をくりかえし、終齢幼虫が地上に出て脱皮し、成虫になります。

脱皮が終わったばかり 2015.7.21 e

Detailed description: This section illustrates the life cycle of the Ezo Zemi. It features one circular photograph showing a nymph with a green body and long, thin legs clinging to a tree trunk, labeled '脱皮が終わったばかり' (just finished molting) and dated '2015.7.21 e'. The text above explains that cicada nymphs molt multiple times underground, and the final nymph emerges onto the ground to molt and become an adult.