

## **Revision of the *Euthalia phemius* complex (Lepidoptera: Nymphalidae) based on morphology and molecular analyses**

### **Abstrak**

Adults of the *Euthalia phemius* complex, which is composed of three South-East Asian nymphalid species, *Euthalia phemius*, *Euthalia ipona*, and *Euthalia euphemia*, were genetically analysed by examining mitochondrial and nuclear genes. The *E. phemius* complex was also examined morphologically, with particular emphasis on wing markings and male genitalia. No significant differences amongst the three species in the complex were detected with respect to either genetic distance or genital morphology. We therefore conclude that the three currently recognized *Euthalia* species belong to a single species. Accordingly, *E. ipona* is synonymized with *E. phemius*. *Euthalia euphemia* is treated as a subspecies of *E. phemius*. Type specimens of all taxa and a synonymic list for the *E. phemius* complex are also given. In addition, we briefly discuss the evolution and biogeography of the species complex.