

First pictures of genitalia of *Delias* (Hübner, 1819) sp. from the Foja Mountains, Papua, Indonesia (Lepidoptera: Pieridae)

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Abstract: Three species of the genus *Delias* from the Foja Mountains are illustrated here with the male genitalia.

Ikhtisar: Dari tiga spesies genus *Delias* dari Pegunungan Foja disajikan ilustrasi bagian atas dan bawah dan genitalia jantan.

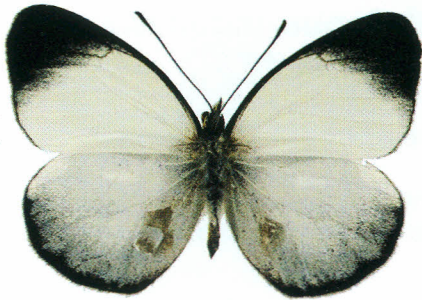
Keywords: *Delias cumanau*, *D. durai*, *D. ormoensis*

Introduction

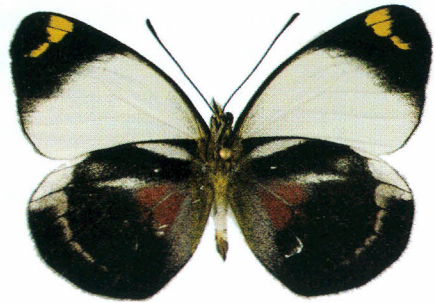
In 2005 and 2008 two expeditions to the Foja Mountains, organized by Conservation International in cooperation with LIPI, Cibinong, resulted in not less than seven new species of *Delias* (Hübner, 1819). In the description of these new species (van Mastrigt, 2006; van Mastrigt, 2009) only morphological characters were given. No attention was paid on the genitalia, because of lack of experience in dissecting genitalia among the young scientists in Papua and because of the difficult procedures to send species legally abroad.

Material

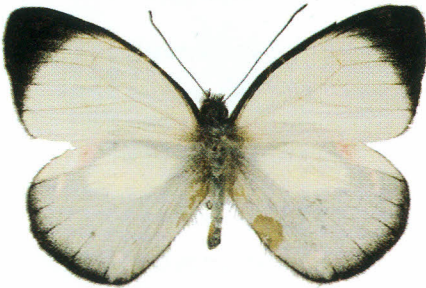
The specimens concerning the figures presented below, *Delias cumanau*, *D. durai* and *D. ormoensis* are stored in the National Museum of Natural History, Smithsonian Institution, in Washington, D.C., U.S.A. and have all three the following label-data: Prov. Papua, Pegunungan Foja 1650 m, 2° 34.5' S and 138° 42.9' E, 6-27.XI.2008, CI-LIPI Survey – Henk van Mastrigt.



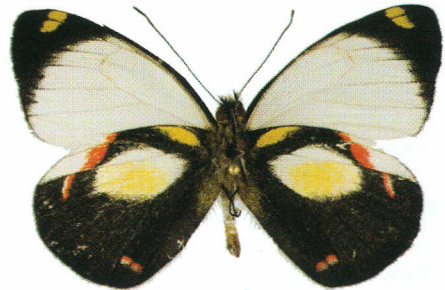
1



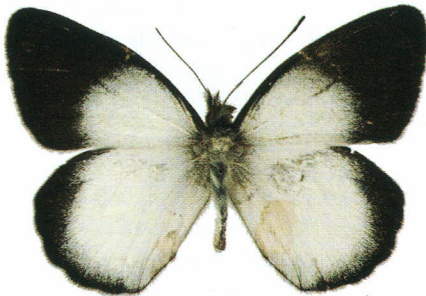
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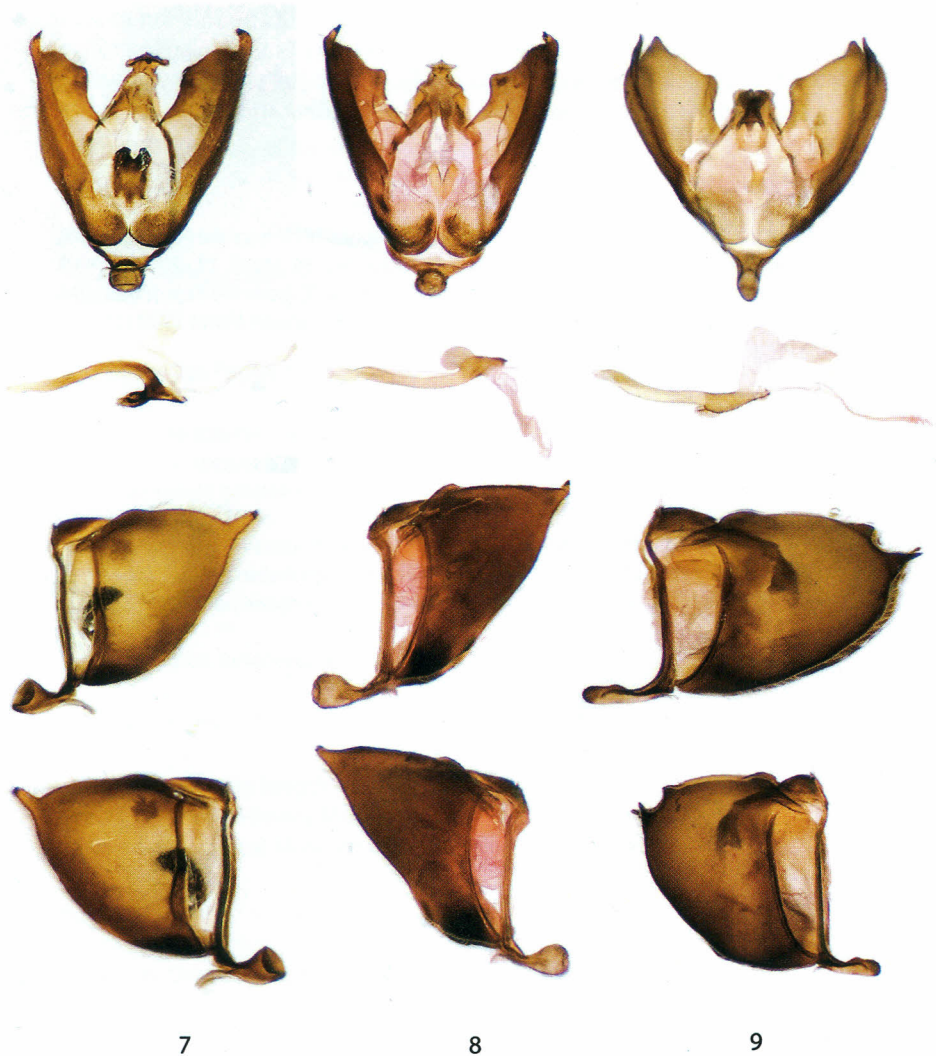


5



6

Figs 1-6. Upper- and undersides of *Delias* sp.:
1-2. *D. cumanau*; 03-04. *D. durai*; 05-06. *D. ormoensis*.



Figs 7-9. Genitalia of the three specimen, mentioned above (from top to bottom) valvae, aedeagus, lateral 1 and lateral 2: 7. *Delias cumanaui*; 8. *D. durai*; 9. *D. ormoensis*.

Acknowledgements

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References

- van Mastrigt, Henk, 2006. New (Sub) species of on *Delias* (Hübner, 1819) from the Foja Mountains, Papua, Indonesia (Lepidoptera: Pieridae) – Futao, No. 51 (April 17, 2006): 11-19.
- van Mastrigt, Henk, 2009. Some notes on *Delias* (Hübner, 1819) from the Foja Mountains, Papua, Indonesia (Lepidoptera: Pieridae) – SUGAPA 3(3), Januari-Maret 2009 (15 April 2009): 1-13.