

## ON THE NOMENCLATURE OF SOME TAXA OF THE GENUS *ARTOGEIA* VERITY (LEP., PIERIDAE)

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HIGGINS & RILEY (1973) replaced an established species-group name, now referable to the genus *Artogeia* VERITY (KUDRNA 1974), by a seemingly senior synonym. HIGGINS & RILEY (l.c.: 46), placing the names at that time correctly into the genus *Pteris* SCHRANK, stated:

“*P[ieris] n[api] canidiaformis* DRENOWSKI 1910.  
T[ype] L[ocality]: Bosnia and Macedonia.  
Syn[onym]: *balcana* LORKOVIC”

A very short description accompanying the above statement presented some of the characters stated by LORKOVIC (1968) for *balcana* in his original description of the taxon.

HIGGINS & RILEY (l.c.) acted with some disregard of the rules and recommendations set by the International Code of Zoological Nomenclature. Owing to the unusual name apparently resurrected by them, I thought it necessary to investigate the availability and validity of the name *canidiaformis* and the circumstances of its first publication and subsequent use before 1973.

BOLLOW (1932:96) stated that *P. rapae* “*canidiaformis* DRENOWSKI from the Ryla mountains has reduced markings similar to *canidia-palaerctica* STGR.” listing this name together with aberrations, but not stating clearly whether the name was of subspecific or infrasubspecific rank. The reference to the original description of *canidiaformis* (BOLLOW l.c.: 120) proved to be incorrect.

It appears, however, that HIGGINS & RILEY (l.c.) accepted the combination for the first time proposed by MÜLLER & KAUTZ (1939: 109):

“*[P. napi meridionalis]* mod. *canidiaformis* DRENOWSKI 1910. Z. Wiss. Ins. Biol. S. 85”

In the text immediately following the above name MÜLLER & KAUTZ (l.c.) discussed validity, spelling and features of an infrasubspecific form. They felt that this was the form DRENOWSKI (1910) meant to denote.

DRENOWSKI (l.c.: 85) introduced his name in the following combination:

“*Pieris rapae* L. v. nova var. *canidioformis* DRENOW.”

The first publication of the name *canidioformis* in a list of species of Lepidoptera found in Rila mountains in Bulgaria lacks any kind of a statement purporting to give a description or an indication of one and there is no illustration of *canidioformis* in the paper. Thus the name *canidioformis* fails to satisfy Articles 12 and 16 of the International Code of Zoological Nomenclature and I propose to declare

*Pieris rapae canidioformis* DRENOWSKI 1910 nomen nudum.

MÜLLER and KAUTZ (l.c.), who changed the original spelling and referred the name to a different species expressly used *canidiaformis* at infrasubspecific rank. They were at the liberty to do as they pleased, below species-group rank (i.e. below subspecies). It would be purely hypothetical to consider their action.

HIGGINS & RILEY (l.c.) elevated to the species-group name rank a previously unavailable infrasubspecific name; therefore they take the authorship of this name and the date is that of the publication of their work. The fact that they included with the combination a misspelled name of DRENOWSKY may be suggestive of their intentions, but not really relevant. Their statement clearly implies that they intended to use the name *canidiaformis* to denote the same taxon LORKOVIC (l.c.) named and described before them. I therefore propose to revalidate the senior synonym in a newly proposed combination and to sink the junior one in synonymy as follows:

*Artogeia balcana* (LORKOVIC), comb.nov., stat.rev.

*Pieris balcana* LORKOVIC, 1968. Biol. Glasn., 21: 114.

Type-material: Syntypes (by implication) of both sexes, originally deposited in coll. Z. Lorkovic.

Type-locality: Various localities in the mountains of Bosnia and Macedonia (by implications).

*Pieris napi canidiaformis* HIGGINS & RILEY, 1973, syn.nov.

A Field Guide to the Butterflies of Britain and Europe (Ed.II): 46.

Type-material: no information stated.

Type-locality: Bosnia and Macedonia.

I have reinstated *balcana* to the species-group rank, as originally proposed by LORKOVIC (l.c.) purely on formal grounds; I have not studied the relationship of *balcana* and the relevant populations of *napi*. The true date of publication of *balcana* prove to be post 1968, probably 1969, but surely not later than early 1970; the general lack of information does not permit me to make conclusions. In any case, there is no dispute regarding the priority of *balcana* over *canidiaformis*.

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