

# PAPILIONIDAE (INSECTA, LEPIDOPTERA): REQUEST FOR REVISION OF THE OFFICIAL LIST. Z.N.(S.)2245

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PAPILIONIDAE [Leach], [1815] is name number 233 on the *Official List of Family-Group Names in Zoology*. It was so placed in 1958 by Direction 99 after the ruling by Opinion 278 that *Papilio machaon* Linnaeus, 1758 should be the type species of the genus *Papilio* Linnaeus, 1758. No earlier Family-Group Names were then suppressed, nor even considered.

2. Latreille, [1802] (in Sonnini's Buffon, 14 volumes, 1801-1805), *Hist. nat. gén. Partic. Crust. Ins.* vol. 3, pp. 387-418 was the first author to classify the Lepidoptera in the orthodox way by families named after included genera, and three of his six families are already on the *Official List*. His text was in French, with "latinised" scientific names added in italics down to the generic level. Only the latter are mentioned here. His classification was:—

Family	Included genera
1. PAPILIONIDES	<i>Papilio</i> (in 7 infra-generic groups) + <i>Hesperia</i>
2. SPHINGIDES	<i>Sphinx</i> + 4 other genera
3. BOMBYCINAE	<i>Bombyx</i> (in 6 infra-generic groups) + 3 genera
4. PHALAENITES	<i>Phalaena</i> + 4 other genera
5. TORTRICES	eight genera
6. PTEROPHORII	<i>Pterophorus</i> and <i>Orneodes</i>

Of these six, PHALAENITES (founded on a since suppressed generic name) has been rejected, while SPHINGIDAE (name number 89), BOMBYCIDAE (number 135) and TORTRICIDAE (number 138) are already on the *Official List*, credited to Latreille in this work. But, as noted in the opening paragraph above, PAPILIONIDAE is not. Latreille's proposal of it, with diagnosis of the family and of the genus *Papilio* (on p. 387), and including *Papilio machaon* in his first infra-generic group (p. 388), is absolutely valid and should be recognised.

3. The International Commission is accordingly requested to:—

- (1) delete the existing entry for Name Number 233 in the *Official List of Family-Group Names in Zoology* and, having done so,



- (2) place on the *Official List of Family-Group Names in Zoology* the Family-Group Name PAPILIONIDAE (Correction of PAPILIONIDES) Latreille, [1802] (in Sonnini Suite à Buffon), *Hist. nat. gén. partic. Crust. Ins.* vol. 3, p. 387, type-genus *Papilio* Linnaeus, 1758, and
- (3) place on the *Official Index of rejected and invalid Family-Group Names in Zoology* the name PAPILIONIDES Latreille, [1802] (in Sonnini, Suite à Buffon), *Hist. nat. gén. partic. Crust. Ins.* vol. 3, p. 387, incorrect original spelling of PAPILIONIDAE.

[NOTE:— The date of Latreille's work cited above has usually been cited as "[1803]" following Griffin, 1938, *J. Soc. Bibliophy nat. Hist.* vol. 1(5), p. 157. I am indebted to Professor Cl. Dupuis for directing my attention to the *Journal typographique et bibliographique*, 6e année, No. VI, 15 Brumaire, an 11, i.e. [6 November, 1802], where the publication of Latreille's work is announced.]



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