

OPINION 2180 (Case 3334)***Colias alfacariensis* Ribbe, 1905 (Insecta, Lepidoptera, PIERIDAE):
given precedence over *Colias hyale sareptensis* Alphéraky, 1875,
Colias hyale alba Rühl, 1893 and *Colias hyale meridionalis*
Krulikowsky, 1903**

Abstract. The Commission has ruled that the name *alfacariensis* Ribbe, 1905, which is in widespread use for a butterfly species of the genus *Colias* Fabricius, 1807 (family PIERIDAE), is conserved by giving it precedence over three little used senior subjective synonyms, *Colias hyale sareptensis* Alphéraky, 1875, *Colias hyale alba* Rühl, 1893 and *Colias hyale meridionalis* Krulikowsky, 1903.

Keywords. Nomenclature; taxonomy; Lepidoptera; PIERIDAE; *Colias alfacariensis*; *Colias sareptensis*; *Colias alba*; *Colias meridionalis*; Europe; Russia; Iran.

Ruling

- (1) Under the plenary power it is hereby ruled that the name *alfacariensis* Ribbe, 1905, as published in the trinomen *Colias hyale alfacariensis*, is given precedence over the names *sareptensis* Alphéraky, 1875, as published in the trinomen *Colias hyale sareptensis*, and *alba* Rühl, 1893, as published in the trinomen *Colias hyale alba*, and *meridionalis* Krulikowsky, 1903, as published in the trinomen *Colias hyale meridionalis*, whenever it and any of the other three are considered to be synonyms.
- (2) The following names are hereby placed on the Official List of Specific Names in Zoology:
 - (a) *sareptensis* Alphéraky, 1875, as published in the trinomen *Colias hyale sareptensis*, with the endorsement that it is not to be given priority over the name *alfacariensis* Ribbe, 1905, as published in the trinomen *Colias hyale alfacariensis*, whenever the two are considered to be synonyms;
 - (b) *alba* Rühl, 1893, as published in the trinomen *Colias hyale alba*, with the endorsement that it is not to be given priority over the name *alfacariensis* Ribbe, 1905, as published in the trinomen *Colias hyale alfacariensis*, whenever the two are considered to be synonyms;
 - (c) *meridionalis* Krulikowsky, 1903, as published in the trinomen *Colias hyale meridionalis*, with the endorsement that it is not to be given priority over the name *alfacariensis* Ribbe, 1905, as published in the trinomen *Colias hyale alfacariensis*, whenever the two are considered to be synonyms.
- (3) The entry on the Official List of Specific Names in Zoology for *alfacariensis* Ribbe, 1905, as published in the trinomen *Colias hyale alfacariensis*, is hereby emended to record that it is to be given precedence over *sareptensis* Alphéraky, 1875, as published in the trinomen *Colias hyale sareptensis*, *alba* Rühl, 1893, as published in the trinomen *Colias hyale alba*, and *meridionalis* Krulikowsky, 1903, as published in the trinomen *Colias hyale meridionalis*, whenever it and any of the other three names are considered to be synonyms.

History of Case 3334

An application to give the name *Colias alfacariensis* Ribbe, 1905 precedence over the senior subjective synonyms, *Colias hyale sareptensis* Alphéraky, 1875, *Colias hyale alba* Rühl, 1893 and *Colias hyale meridionalis* Krulikowsky, 1903 was received from J. Grieshuber (*Singham 42, 94086 Bad Griesbach, Germany*), R. Worthy (*10 The Hill, Church Hill, Caterham, Surrey CR3 6SD, U.K.*) and G. Lamas (*Museo de Historia Natural, Universidad Nacional Mayor de San Marcos, Lima-14, Peru*) on 11 January 2005. After correspondence the case was published in *BZN* **63**: 106–113 (June 2006). The title, abstract and keywords of the case were published on the Commission's website. No comments on this case were received.

Decision of the Commission

On 1 March 2007 the members of the Commission were invited to vote on the proposals published in *BZN* **63**: 111–112. At the close of the voting period on 1 June 2007 the votes were as follows:

Affirmative votes – 22: Alonso-Zarazaga, Bogutskaya, Brothers, Fautin, Grygier, Halliday, Kerzhner, Kottelat, Krell, Kullander, Macpherson, Mahnert, Mawatari, Minelli, Ng, Papp, Patterson, Pyle, Rosenberg, Song, Štys and Zhang.

Negative votes – 4: Bouchet, Lim, Pape and van Tol.

Lamas abstained.

Original references

The following are the original references to the names placed on, or emended on, an Official List by the ruling given in the present Opinion:

alba, *Colias hyale*, Rühl, 1893, *Die palaearktischen Grossschmetterlinge und ihre Naturgeschichte*. 1. Band Tagfalter, p. 156.

alfacariensis, *Colias hyale*, Ribbe, 1905, *Societas Entomologica*, **20**(18): 137.

meridionalis, *Colias hyale*, Krulikowsky, 1903, *Revue Russe d'Entomologie*, **3**(5): 302.

sareptensis, *Colias hyale*, Alphéraky, 1875, *Trudy Russkago Entomologicheskago obshchestva*, **8**: 153–154.