



Report of the Committee for Bryophyta: 5

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Report of the Committee for Bryophyta: 5

Gea Zijlstra, Secretary¹

The previous report of this Committee appeared in Taxon 47: 859-862. 1998. The recommendations reported on here result from two ballots, the first one (including *Jungermannia alpestris* and *Rhynchostegiella*) just before our new member Seppelt became active, the second one with a membership of 12: Deguchi (Japan), Geissler (Switzerland), Grolle (Germany, Chairman), Isoviita (Finland), Iwatsuki (Japan), Magill (U.S.A.), Ochyra (Poland), Seppelt (Australia), Stotler (U.S.A.), Váňa (Czech Republic), Vitt (Canada), and Zijlstra (Netherlands, Secretary).

With 11 members, 7 votes constitute the 60 % majority required to recommend action on a proposal (adoption or rejection), whereas with 12 members, 8 votes are needed. The votes are recorded in the order yes : no : abstention.

The last item of the report concerns a request to consider whether two similar names are likely to be confused.

(1066) Reject *Jungermannia byssacea* Roth [*Hepat.*] (proposed by Karttunen in Taxon 42: 135-136. 1993). Votes: 10 : 1 : 1 (recommended).

The original material for *Jungermannia byssacea* is a mixture of specimens belonging to *Cephaloziella divaricata* (Sm.) Schiffn. and *C. hampeana* (Nees) Loeske. In the proposal, Karttunen doubted the effectiveness of prior lectotypifications and, because under the pre-Tokyo Art. 69 rejection was possible only with the *C. hampeana* element as the type, he newly lectotypified *J. byssacea* by that element. The Committee, by a majority vote, concluded that Schuster & Damsholt (in Meddel. Grønland 189: 305. 1974) had effectively lectotypified the name by the *C. divaricata* element, which is not in serious conflict with the protologue: “the female juvenile plants in a mixture, [sine loco] *Lindenberg* Hep. 3440 (W)”. Because *C. divaricata* has been and still is much more in use than *C. byssacea*, the Committee recommends formal rejection of the latter’s basionym.

(1067) Reject *Jungermannia alpestris* Schleich. ex F. Weber [*Hepat.*] (proposed by Karttunen in Taxon 42: 136-138. 1993). Votes: 10 : 0 : 1 (recommended).

The proposal included the request to discuss the typification of *Jungermannia ehrhartiana* F. Weber, because it might compete with *J. alpestris*. The Committee concluded that Grolle’s 1968 and 1971 type designations concern material that later on appeared not to be eligible for lectotypification. In 1977, Grolle mentioned the real type (holotype): “*Jungermannia bicuspidata*, prope Upsaliam, Herb. F. Weber (S)”. This means that *J. ehrhartiana* is a later synonym of *Lophozia ventricosa* (Dicks.) Dumort.

With respect to the type of *Jungermannia alpestris*, proposed for rejection, the Committee is of the opinion that the specimen mentioned by Grolle in 1971 is also a holotype, not a lectotype as stated by Karttunen, and that its citation should be improved: “Schleicher, Pl. Crypt. Helv. Exs., Cent. 2, No. 59, 1805, Herb. F. Weber (S)”. The Committee agrees that it belongs to the species for which the name *Lophozia collaris* (Nees) Dumort. is in use. Until Grolle’s typification of *J. alpestris*,

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however, the name *L. alpestris* (Schleicher ex F. Weber) A. Evans was wrongly used in the sense of *L. sudetica* (Huebener) Grolle, and the Committee therefore recommends that *J. alpestris* be formally rejected.

(1180) Conserve *Dicranoloma* (Renauld) Renauld against *Megalostylium* Dozy & Molk. [*Musci*] (proposed by Geissler & al. in Taxon 44: 616-617. 1995). Votes 2 : 9 : 1 (not recommended).

Dicranoloma is a heterogeneous genus, and the *Dicranum/Dicranoloma* complex is in urgent need of revision. In the proposal, on the one hand it is stated that *Dicranoloma* includes c. 100 species, whereas on the other hand a type (not the first to be designated) is retained that was selected by Norris & Koponen, in 1990, in a publication in which the genus is said to comprise only 6 species. Under that narrow concept of *Dicranoloma*, many species, along with *Megalostylium*, are placed in *Dicranum*. One of the proposers (Geissler) reached the conclusion that the proposal was premature and should better be withdrawn. After two ballots (the first of which was indecisive) the Committee now concludes that it should be rejected.

(1188) Conserve *Pottia* (Ehrh. ex Rchb.) Fürnr. against *Anacalypta* Röhl. ex Leman and *Physedium* Brid. [*Musci*] (proposed by During & al. in Taxon 44: 620-621. 1995). Votes: 11 : 0 : 1 (recommended).

Pottia is a pre-starting-point “name” that after 1800 was first used by Reichenbach as an infrageneric epithet: *Gymnostomum* subg. *Pottia* Ehrh. ex Rchb. Reichenbach did not give a description or diagnosis, nor did he mention any species. The subgeneric name is validated through Reichenbach’s reference to Ehrhart’s description. In addition, Reichenbach cited *Anodontium* Brid. as a synonym, which is an implicit reference to the description of the latter.

In the proposal, it is stated that one element only is eligible as type of *Gymnostomum* subg. *Pottia*: the type of *Anodontium*. The Committee disagrees. It is more logical to select an element from the pre-starting-point designation “*Pottia*” of Ehrhart 1787. Ehrhart included four species, one of which is “*Pottia eustoma*” with as its synonym “*Bryum truncatulum*” of Linnaeus. The latter “name” is also cited in synonymy in the protologue of *Gymnostomum truncatum* Hedw., the proposed type. This means that in the type paragraph the notation “(*typ. cons.*)” may be deleted. The place of publication of *Pottia truncata* should be added instead: “(Bryol. Eur. 2: 37. Aug 1843)”. Two details in the type paragraph of *Anacalypta* require correction, so that it reads: “... Bryol. Germ. 2(2): 141. Jul-Oct 1831”. *Anodontium* is already a *nom. rej.* against *Drummondia* Hook. The Committee recommends the proposal as amended.

(1190) Conserve *Rhynchostegiella* (Schimp.) Limpr. against *Remyella* Müll. Hal. [*Musci*] (proposed by During & al. in Taxon 44: 623. 1995). Votes: 10 : 0 : 1 (recommended).

By a majority vote, the Committee decided that the basionym has, indeed, the rank of subgenus. Conservation as proposed is recommended, with addition of a detail in the date of the *nom. rej. prop.*: 28 Oct.

(1237) Conserve *Hypnum plumosum* Hedw. [*Musci*] with a conserved type (proposed by Hedenäs & Isoviita in Taxon 45: 535-536. 1996). Votes: 11 : 0 : 1 (recommended).

There is a long tradition to apply this name in a sense excluding its type, which belongs to *Brachythecium salebrosum* (Hoffm. ex F. Weber & D. Mohr) Schimp. (see also proposal 1238). To permit continued use of the name in its current sense, as the basionym of *Brachythecium plumosum* (Hedw.) Schimp., a new type has been proposed, and conservation with this type is recommended.

(1257) Reject *Hypnum polymorphum* Hedw. [*Musci*] (proposed by Hedenäs & Isoviita in Taxon 45: 689-690. 1996). Votes: 11 : 0 : 1 (recommended).

This name has been used in two senses: for the species also known as *Campylium calcareum* Crundw. & Nyholm (a wrong use) and, correctly, for the species for which the name *C. protensum* (Brid.) Kindb. is in use. The latter's basionym, *Hypnum protensum* Brid., is slightly younger than *H. polymorphum* and thus *C. protensum* would have to be replaced. Therefore the Committee recommends rejection.

There had been a request from Nicolson, Secretary of the General Committee, to consider whether or not *Duriaea* Bory & Mont. 1843 (*Hepat.*) is confusable with *Durieua* Mérat 1829 (*Spermat.: Scrophulariaceae*). By a 8 : 3 : 0 vote, the majority answered that, yes, these names are to be treated as homonyms.