

***EPHACERELLA*, A REPLACEMENT NAME FOR
ACERELLA ALLEN, 1971 (EPHEMEROPTERA),
NEC BERLESE, 1909 (PROTURA)¹**

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ABSTRACT: *Acerella* Allen is a preoccupied name in zoology and, therefore, is nomenclaturally unavailable. *Ephacerella* nom. nov. is proposed as a replacement name.

Among new ephemerellid taxa described in 1971 from Asia, the late Richard K. Allen established the subgenus *Acerella* as a new division of *Ephemerella*, with the type-species *E. longicaudata* Ueno. In two more recent papers (Allen 1984, 1986) the subgenus *Acerella* was raised to the rank of genus.

A homonymous *Acerella* Berlese exists in the proturan family Acerentomidae. This genus-group taxon was established by Berlese in 1909 as a subgenus of *Acerentulus* Berlese, 1908, with the type-species *Acerentulus tiarneus* Berlese. *Acerella* Berlese is now generally recognized as a distinct genus. A number of authors (Tuxen 1964, Rusek 1974, Nosek 1978) believe *Acerella* belongs in the old family Acerentomidae. Others would split that family into a number of minor families or subfamilies including Acerellidae for *Acerella* (Yin 1987, Dallai *et al.* 1990).

Acerella Allen, 1971, being a junior homonym of *Acerella* Berlese, 1909, a replacement name for the ephemerellid mayfly is herein proposed in accordance with ICZN Art. 60.

**Order Ephemeroptera
Family Ephemerellidae
Subfamily Ephemerellinae**

Ephacerella nom. nov. pro *Acerella* Allen, 1971 as subgenus of *Ephemerella* Walsh, 1862, preoccupied name.

Etymology. Derived from Eph(emeroptera) and *Acerella*. Gender feminine.

Distribution. According to Allen 1986, the genus includes only three East Asiatic species from Japan and Vietnam.

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LITERATURE CITED

- Allen, R. K. 1971. New Asian *Ephemerella*, with notes. (Ephem., Ephemerellidae). Can. Entomol. 103: 512-528.
- Allen, R. K. 1984. A new classification of the subfamily Ephemerellinae and the description of a new genus. Pan-Pacif. Entomol. 60: 245-247.
- Allen, R. K. 1986. Mayflies of Vietnam: *Acerella* and *Drunella*. Ephemeroptera: Ephemerellidae. Pan-Pacif. Entomol. 62: 301-302.
- Berlese, A. 1908. Osservazioni intorno agli Acerentomidi. Nota preventiva. Redia 5: 110-122.
- Berlese, A. 1909. Monografia dei Myrientomata. Redia 6: 1-182.
- Dallai, R., L. Xue, and W.-Y. Yin. 1990. Aflagellated spermatozoa of *Huhentomon* and *Acerella*. Protura: Apterygota. Int. J. Insect Morphol. Embryol. 19: 211-217.
- Nosek, J. 1978. Key and diagnoses of Proturan genera of the world. Annot. zool. bot. Bratislava 122: 1-59.
- Rusek, J. 1974. Zur Taxonomie einiger Gattungen der Familie Acerentomidae. Insecta: Protura. Acta entomol. bohemoslov 71: 260-281.
- Tuxen, S.L. 1964. The Protura. Paris. Hermann. 360 pp.
- Yin, W.-Y. 1987. A new species of Protura of the family Acerellidae from Xinjiang Uygur Zizhiqu, China. Acta entomol. sin. 30: 75-79.

SCIENTIFIC NOTE

**PROPOSED REPLACEMENT NAME FOR *HYDROPTILA SETIGERA*
(TRICHOPTERA: HYDROPTILIDAE)¹**

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In a 1986 paper on microcaddisflies from Alabama (J. Kansas Entomol. Soc. 59:610), I described a new species of *Hydroptila*, as *H. setigera*, unaware that this specific epithet was used by Alice Wells in her description of a new *Hydroptila* from New Guinea (Australian J. Zool. 32:271, 1984). *Hydroptila setigera* Harris, 1986 is thus a homonym and must be renamed. I here propose the name *cottaquilla* as a replacement name for *H. setigera* Harris, 1986. The name is taken from Cottaquilla Mountain which is near the type locality. The type specimen from Calhoun County, Alabama is deposited in the National Museum of Natural History, Smithsonian Institution.

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