

Notes on the publication date of four names of Lauraceae from China

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Abstract The publication date of four names of Lauraceae including *Machilus polyneura* Chang, *Machilus shiwandashanica* Chang, *Machilus cathayensis* Chun ex Chang, and *Beilschmiedia furfuracea* Chun ex Chang is discussed. These four names were validly published in 1963 but not in 1960.

Key words Lauraceae, nomenclature, publication date, China.

Chang (1960) published several names of Lauraceae including *Machilus polyneura* Chang, *Machilus shiwandashanica* Chang, *Machilus cathayensis* Chun ex Chang, and *Beilschmiedia furfuracea* Chun ex Chang, and listed two or more collections under each of these four names but did not indicate the type specimen. These names were quoted thereafter, e.g. Lee (1982), Wei et al. (1991), and Zhuang (1997), and the publication date of the Journal of Sun Yat-Sen University (Sunyatsenia), Natural Science Edition, 1960 (1), was accepted as the valid publication date of these names.

Under Art. 37.1 of the International Code of Botanical Nomenclature (Greuter et al., 2000), these four names were not validly published in 1960 because they were published after January 1st, 1958, and no types were designated. As a result, the citation of Lee (1982), Wei et al. (1991), and Zhuang (1997) is incorrect. These names should be validated for a wider use, and their publication date should be that of their valid publication according to Art. 45.1.

In fact, Chang might have realized the invalid status of these names, and indicated types for the four names in a following paper (Chang, 1963), and thus validated the four names. Under Art. 45.1, before January 1st, 1973, when the various conditions for valid publication of a name are not simultaneously fulfilled, the date is that on which the last is fulfilled. The four names were published before 1973, the various conditions for valid publication were not simultaneously fulfilled in 1960, and the last condition was fulfilled in 1963. The valid publication date of the four names, therefore, is 1963 but not 1960.

1. *Machilus polyneura* Chang in J. Sun Yat-Sen Univ. (Sunyatsenia), Natural Science Edition 1963 (4): 132. 1963. Type: China. Hong Kong, N. K. Chun 40288 (IBSC). — *Machilus polyneura* Chang in J. Sun Yat-Sen Univ. (Sunyatsenia), Natural Science Edition 1960 (1): 18. 1960. nom. invalid.

2. *Machilus shiwandashanica* Chang in J. Sun Yat-Sen Univ. (Sunyatsenia), Natural Science Edition 1963 (4): 132. 1963. Type: China. Inter provincias Kwangtung et Kwangsi, Mt. Shi-wan-da-shan, W. T. Tsang 24757 (holotype, IBSC!). — *Machilus shiwandashanica* Chang in J. Sun Yat-Sen Univ. (Sunyatsenia), Natural Science Edition 1960 (1): 19. 1960, nom. invalid.

3. *Machilus cathayensis* Chun ex Chang in J. Sun Yat-Sen Univ. (Sunyatsenia), Natural Science Edition, 1963 (4): 133. 1963. Type: China. Kwangtung, C. Wang 1880 (IBSC). —

Machilus cathayensis Chun ex Chang in J. Sun Yat-Sen Univ. (Sunyatsenia), Natural Science Edition, 1960 (1): 21. 1960, nom. invalid.

4. *Beilschmiedia furfuracea* Chun ex Chang in J. Sun Yat-Sen Univ. (Sunyatsenia), Natural Science Edition 1963 (4): 133. 1963. Type: China. Kwangtung, C. Wang 31845 (holotype, IBSC!).—*Beilschmiedia furfuracea* Chun ex Chang in J. Sun Yat-Sen Univ. (Sunyatsenia), Natural Science Edition 1960 (1): 23. 1960, nom. invalid.

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中国樟科四个名称的发表日期考订

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摘要 对中国樟科4个种名多脉楠*Machilus polyneura* Chang、十万大山楠*Machilus shiwandashanica* Chang、猪脚楠*Machilus cathayensis* Chun ex Chang和糠秕琼楠*Beilschmiedia furfuracea* Chun ex Chang的研究发现, 它们的合格发表日期是1963年, 而不是1960年。

关键词 樟科; 命名; 发表日期; 中国