

Article

Salix pliomaritima, a new name for *Salix maritima* Sineln., Skiba & Fotjan. (1967) non Hartig (1851) (Salicaceae)

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Abstract

Salix pliomaritima nom. nov., is proposed as a new replacement name for the preoccupied fossil name *Salix maritima* Sineln., Skiba & Fotjan. non Hartig.

Keywords: Kamchatka Peninsula, palaeobotany, Pliocene, *Salix*

Introduction

The fossil species *Salix maritima* Sineln., Skiba & Fotjan. (Sinelnikova *et al.*, 1967) was established on the fossil leaf remains of *Salix* from the Pliocene sediments of the Kamchatka Peninsula, Russian Far East. However, the existence of the earlier, validly published extant species, *S. ×maritima* Hartig (Hartig, 1851) was overlooked. The homonymy between fossil species emerged during the creation of the *International Fossil Plant Names Index*, which is planned to list all fossil plant species (IFPNI, 2014–).

The fossil preoccupied species name, *Salix maritima* Sineln., Skiba & Fotjan., is recognized taxonomically as an accepted name in current use, being not merged into another one and not having any senior or junior synonym that could be used, but it is an illegitimate later homonym and should be replaced. *S. pliomaritima*, is therefore formally proposed here as a replacement name in accordance with the International Code of Nomenclature for algae, fungi, and plants (McNeill *et al.*, 2012), for the preoccupied name *S. maritima* Sineln., Skiba & Fotjan. (1967) non Hartig (1851).

This nomenclatural act was registered through a pilot registration version of the International Fossil Plant Names Index (IFPNI, 2014-onwards; <http://fossilplants.info/about>),

with a unique persistent registration bar code (LSIDs) listed under each newly proposed fossil plant taxon.

Taxonomy and nomenclature

Family Salicaceae Mirb., *Elém. Physiol. Vég. Bot.* 2: 905. 1815

Genus *Salix* L., *Sp. Pl.* 2: 1015. 1753

Salix pliomaritima Doweld, *nom. nov.*

Replaced name: *Salix maritima* Sinelnikova, Skiba & Fotjanova, *Izv. Akad. Nauk SSSR, Ser. Geol.* 1967(8): 121. 1967, non *Salix ×maritima* Hartig, *Vollst. Naturgesch. Culturpfl.*

Deutschl.: 574. 1851.

IFPNI registration record: 7379E78B-3C12-4E58-88E8-A261062DF178

Holotype: 29b/2655, deposited in the Palaeontological Institute, Russian Academy of Sciences, Moscow, Russian Federation.

Stratigraphy: Pliocene.

Geography: Russian Federation (Far East): western shore of Kamchatka Peninsula, Sopochnaya River.

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References

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McNeill, J., Barrie, F. R., Buck, W. R., Demoulin, V., Greuter, W., Hawksworth, D. L., Herendeen, P. S., Knapp, S., Marhold, K., Prado, J., Prud'homme van Reine, W. F., Smith, J. F., Wiersema, J. H. and Turland, N. J. (eds.) 2012. *International Code of Nomenclature for algae, fungi and plants (Melbourne Code) adopted by the Eighteenth International Botanical Congress Melbourne, Australia, July 2011*. Koeltz Scientific Books, Königstein. *Regnum Vegetabile* 154: 1–240.

Sinelnikova, V. N., Skiba, L. A., and Fotjanova, L. I. 1967. O pliočenskoj (enemtenškoj) flore Zapadnoj Kamčatki [On the Pliocene (Enemtenian) flora of Western Kamchatka]. *Izv. Akad. Nauk S.S.S.R., Ser. Geol.* 1967(8): 114–124. (In Russian)