

***Juniperus monticola* (Cupressaceae) revisited**Robert P. Adams¹ & Thomas A. Zanoni²*Summary*

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A reexamination of the nomenclature indicates that *Juniperus monticola* Martínez is the correct name for the Mexican alpine species and not *Juniperus sabinoides* (Kunth) Nees.

Johnston (1985) recently published a note concerning the correct name for the alpine *Juniperus* (Cupressaceae) of Mexico. He concluded that *J. sabinoides* (Kunth) Nees (in Nees & Schauer, 1847) was to be applied to these plants instead of *J. monticola* Martínez (1946). However, Nees's name is an illegitimate later homonym of *J. sabinoides* Grisebach (1844-1846: 352), the latter a synonym of *J. foetidissima* Willd. of the eastern Mediterranean (Farjon, 1993). The correct names and synonymies for the formae of Mexican alpine species are:

***Juniperus monticola* Martínez in Anales Inst. Biol. Univ. Nac. México 17: 79. 1946, f. *monticola*.**

≡ *Juniperus tetragona* Schlttdl. in *Linnaea* 12: 495. 1838, non Moench, *Methodus*. 699. 1794.

≡ *Juniperus sabinoides* f. *monticola* (Martínez) M. C. Johnst. in *Taxon* 34: 505. 1985.

***Juniperus monticola* f. *compacta* Martínez in Anales Inst. Biol. Univ. Nac. México 17: 87. 1946.**

= *Cupressus sabinoides* Kunth in Humboldt & al., *Nov. Gen. Sp.* 2: 3. 1817.

≡ *Juniperus mexicana* Spreng., *Syst. Veg.* 3: 909. 1826, nom. superfl. illeg.

≡ *Juniperus sabinoides* (Kunth) Nees in *Linnaea* 19: 706. 1847, non Griseb., *Spic. Fl. Rumel.* 2: 352. 1846.

***Juniperus monticola* f. *orizabensis* Martínez in Anales Inst. Biol. Univ. Nac. México 17: 91. 1946.**

≡ *Juniperus sabinoides* f. *orizabensis* (Martínez) M. C. Johnst. in *Taxon* 34: 505. 1985.

Literature cited

Farjon, A. 1993. The taxonomy of multiseed junipers (*Juniperus* sect. *sabina*) in southwest Asia and east Africa. *Edinburgh J. Bot.* (in press).

Grisebach, A. 1844-1846. *Spicilegium florum rumelicarum et bithynicarum*, 2. Braunschweig.

Johnston, M. C. 1985. Nomenclatural readjustments in Mexican *Juniperus* (Cupressaceae). *Taxon* 34: 505-506.

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Martínez, M. 1946. Los juniperos mexicanos. *Anales Inst. Biol. Univ. Nac. México* 17: 3-128.

Nees von Esenbeck, C. G. & Schauer, S. 1847. Enumeratio et descriptiones generum novorum specierumque plantarum in terris Mexicanis crescentium quas Ruhlandus, Coloniensis, de Berghes et Dr. Aschenborn collegerunt. *Linnaea* 19: 681-750.