A NEW RECORD FOR THE FLORA OF TURKEY

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Resumen. Se cita Mentha x villosa-nervata Opiz por primera vez para la flora de Turquía, donde se ha recolectado en la región del mar Negro. Los testigos se conservan en el Herbario de la Universidad Uludag (BULU). Se incluye una corta descripción y un dibujo del material estudiado.

Summary. Mentha x villosa-nervata Opiz has been recorded as a new hybrid for the Flora or Turkey and was collected from Black sea Region. A short description and figure of the plant is given. Vouchers are preserved at BULU (Herbarium of Uludag University).

Mentha x villosa-nervata Opiz, Nomencl. Bot. 60, 1831. (M. longifolia (L.) Hudson x M. spicata L.)

Perennial plant, 20-70 cm. Leaves (15-) 30- 60 (-72) x (6-) 10- 15 (-22) mm, sessile or rarely petiolate, oblong-ovate to lanceolate, usually widest below the middle, apex obtuse or acute, base rounded to cordate, margin serrate. Lamina smooth or rugose, glabrous to grey-villous. Hair when present simple of few branched, basal cell 7,5- 15 (-25) µm diam. Verticillasters many, forming a terminal spike (20-) 40-50 (-60) x (5-) 8-10 mm. Calyx 1-3 mm. Corolla (2-) 2,5 (-3,5) mm, lilac-white. Style (3-) 4 (-6) mm. Stamens reduced or absent. If there are stamens, filaments (0,5-) 1,5 (-2) mm and anthers 0,4- 0,5 mm. It is highly sterile, and has triploid 2n=36 chromosomes number (Kokkin & Vokou, 1989).

M. x villosa-nervata is a hybrid between M. longifolia (L.) Hudson and M. spicata L. It is much confused with M. x villosa. It differs mainly in its narrower, usually patent toothed leaves with branched hairs few or sometimes absent Harley (1972). M. x villosa-nervata is common in the areas where its two parents are in contact. It exhibits a high morphological variability, as one might expect from such a hybrid. M. x villosa- nervata is almost a completely sterile hybrid which does not form seeds and therefore can only be propagated clonally (Kokkin, 1987). Flowering stem and leaves of M. x villosa- nervata
are smaller than *M. longifolia* and *M. spicata*. Lamina smooth or rugose, glabrous to coarsely grey-villous. Basal cells of hairs are smaller than in *M. longifolia* and *M. spicata*. Spike of *M. x villosa- nervata* is smaller than in *M. longifolia* and *M. spicata*.

**Material studied**


**REFERENCES**


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Figure 1. *Mentha x villosa-nervata* Opiz.