

F. Minutillo, G. Tondi & F. Conti

## *Sedum nevadense* (Crassulaceae), new for the Italian flora

### Abstract

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The discovery of *Sedum nevadense* Coss. (Crassulaceae) in Abruzzo region (central Italy) is reported. It was previously known for Spain, France and N. Africa.

*Key words*: Chorology, Italian flora, *Sedum*.

### Introduction

During a floristic excursion carried out in Abruzzo (central Italy) a *Sedum* sp. was found in Campo Felice.

Campo Felice, Lucoli (L'Aquila), depressioni umide con *Sesleria uliginosa*, 1528 m a.s.l., 42°13'26" N 13°26'50" E, 12.06.2009, F. Conti (APP!); ibidem, 26.06.2009, R. Soldati (APP!)

According to literature data and on the basis of the comparative morphological analysis of herbarium specimens (MA, SALA, APP) it has been identified as *Sedum nevadense* Coss. (Fig. 1).

*S. nevadense* is a west oro-mediterranean plant occurring in Spain (Castroviejo & Velayos 1997), France (Haut-Var) (Raymond-Hamet 1952, 1957, Bouchard 1956), Algeria and Morocco (Maire 1976, Quézel & Santa 1962, Fennane & al. 1999). In France it is considered extinct (Olivier & al. 1995) and, although it has been sought, needs to be confirmed (Michaud, in litt.).

Plants from Abruzzo have five well developed stamens and five more reduced to a brief part of the filaments. This character was also observed in the specimens from Morocco and Spain. The new locality is the easternmost of the species' distribution area. *S. nevadense* is new for SE Europe and can be considered as an Oro-Mediterranean plant.

In the new locality some hundreds of individuals of *S. nevadense* have been observed in a few square metres surface. Given the rarity and phytogeographical importance we recommend to include this species in the Red Book of Italian vascular Flora.



Fig. 1. *Sedum nevadense* detail.

In the same locality some other very interesting plants occur such as *Sesleria uliginosa*, *Ranunculus marsicus*, *Serratula lycopifolia* and *Artemisia atrata*.

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