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Check-list of the Mosses of Italy

Abstract

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This check-list of Musci (incl. *Sphagnaceae*) of Italy in its political boundaries comprises 818 species representing 202 genera and 53 families, plus two additional lists, of excluded taxa and of names of uncertain application. The main list includes tabular distributional data, by regions, based on literature records and herbarium material; it differentiates between reports based on pre-1950 collections only and those based on more recent confirmations. Critical notes are added on distributional and taxonomic problems.

Introduction

The first list of Italian Mosses is in Bertoloni's (1858-1862) *Flora italica cryptogama*, a work of general nature on all Cryptogams then known. It includes 375 species of Mosses, including *Sphagnum*, providing for each the synonymy, a description in Latin and the distribution for Italy as then known. A few years later appeared De Notaris's (1869) *Epilogo della briologia italiana*, the first work devoted to Bryophytes only, which listed the Mosses, excluding *Sphagnum*, with Latin descriptions, synonyms, habitats, localities and collectors' names. This mainly descriptive list also contains analytical keys to the families and genera. Only 15 years later, at the request of the Italian Cryptogamic Society, Venturi & Bottini (1884) published their *Enumerazione critica dei muschi italiani*, consisting of a list of Mosses, including *Sphagnum*, with a mere list of records by regions (indicated by abbreviations). Finally, after 63 years, Giacomini's (1947) *Syllabus bryophytarum italicarum* came out, a simple list of all Italian Mosses (excluding *Sphagnum*).

The present work includes the complete list of all Mosses known to be present within the current political borders of Italy: 53 families, 202 genera and 818 species. This check-list is formed on literature data (Cortini Pedrotti 1986), herbarium collections and personal collections and records. In cases of uncertain regional reports, a revision of herbarium specimens was undertaken. However for certain species it was not possible to effect such a revision due to our inability to locate the specimens.

We have followed the treatment of Anderson & al. (1990) for the systematic Synopsis. The nomenclature followed in the alphabetically arranged check-list is mainly that of Corley & al. (1981) and Corley & Crundwell (1991). The author's names of the systematic units are reported according to Crosby (1992). Varieties of a certain taxonomic weight have also been taken into consideration.



The distribution by regions is reported for each species. Regions are arranged from north to south and designated by the following abbreviations:

ABR = Abruzzo	MOL = Molise
AOS = Val d'Aosta	PIE = Piemonte
BAS = Basilicata	PUG = Puglia
CAL = Calabria	SAR = Sardegna
CAM = Campania	SIC = Sicilia
EMR = Emilia - Romagna	SMR = Repubblica di S. Marino
FRV = Friuli-Venezia Giulia	TOS = Toscana
LAZ = Lazio	TRA = Trentino-Alto Adige
LIG = Liguria	UMB = Umbria
LOM = Lombardia	VEN = Veneto
MAR = Marche	

