

A NEW RECORD OF THE GENUS *SPOROBOLUS* (POACEAE) FOR THE FLORA OF IRAN

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During the study of plant specimens in Isfahan herbarium, one new record for the Flora of Iran including *Sporobolus virginicus* (L.) Kunth was identified. It has been collected in Sistan va baluchestan Province. Taxonomic characters and illustrations for the new record is provided.

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Key words: *Sporobolus virginicus*; Sistan va Baluchestan Province; new record; flora of Iran.

گزارش جدید از جنس *Sporobolus*، تیره Poaceae برای فلور ایران

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گونه *Sporobolus virginicus* واقع در روستای زرآباد، شهرستان چابهار استان سیستان و بلوچستان برای اولین بار از فلور ایران گزارش می‌گردد. این گونه از کشور پاکستان گزارش شده است و با گونه مشابه خود *Sp. helvolus* (Trin.) Dur. & Schinz در برابر بودن اندازه پوشه پایینی از نظر طول با پوشینه بیرونی و در صفاتی مانند برگ نیزه ای با نوک تیز، اندازه بساک تقریباً ۱/۵ میلی متر طول، پوشه دارای مژک از این گونه متمایز می‌گردد.

INTRODUCTION

Plant material collected recently from SE of Iran and compiled in the herbarium of Isfahan University was studied. During determination of the specimens one new record from Poaceae family was identified. *Sporobolus virginicus* has been reported previously from Pakistan (Rechinger 1970).

New record

Sporobolus virginicus (L.) Kunth

Examined Specimen: Sw of Sistan va Baluchestan province: 30 Km Chabahar to Konarak, 10 Km to Konarak airport, Salimi (fig.1).

Sporobolus virginicus was reported from Pakestan, and here it is reported for the first time from SE of Iran. The genus *Sporobolus* R. Br. compises of anuuals or perennials. Culms usually erect. Inflorescence a panicle, open or contracted rarely spiciform, exserted from the uppermost sheath, the

branches whorled or not. Spikelets small, fusiform, nearly always glabrous, awnless, palea 2-nerved. Fruit rounded or truncate at the tip, not beaked, the pericarp commonly swelling when wetted and ejecting the seed. A genus of about 150 species mainly in the tropics and subtropics, with some species extending to warm temperate regions (www.eflora.com); seven species ocuure in Flora Iranica area (Rechinger 1970), and one species (*S.arabicus* Boiss.) was previously reported from Iran, and with this new record, the species number of *Sporobolus* in Iran is two.

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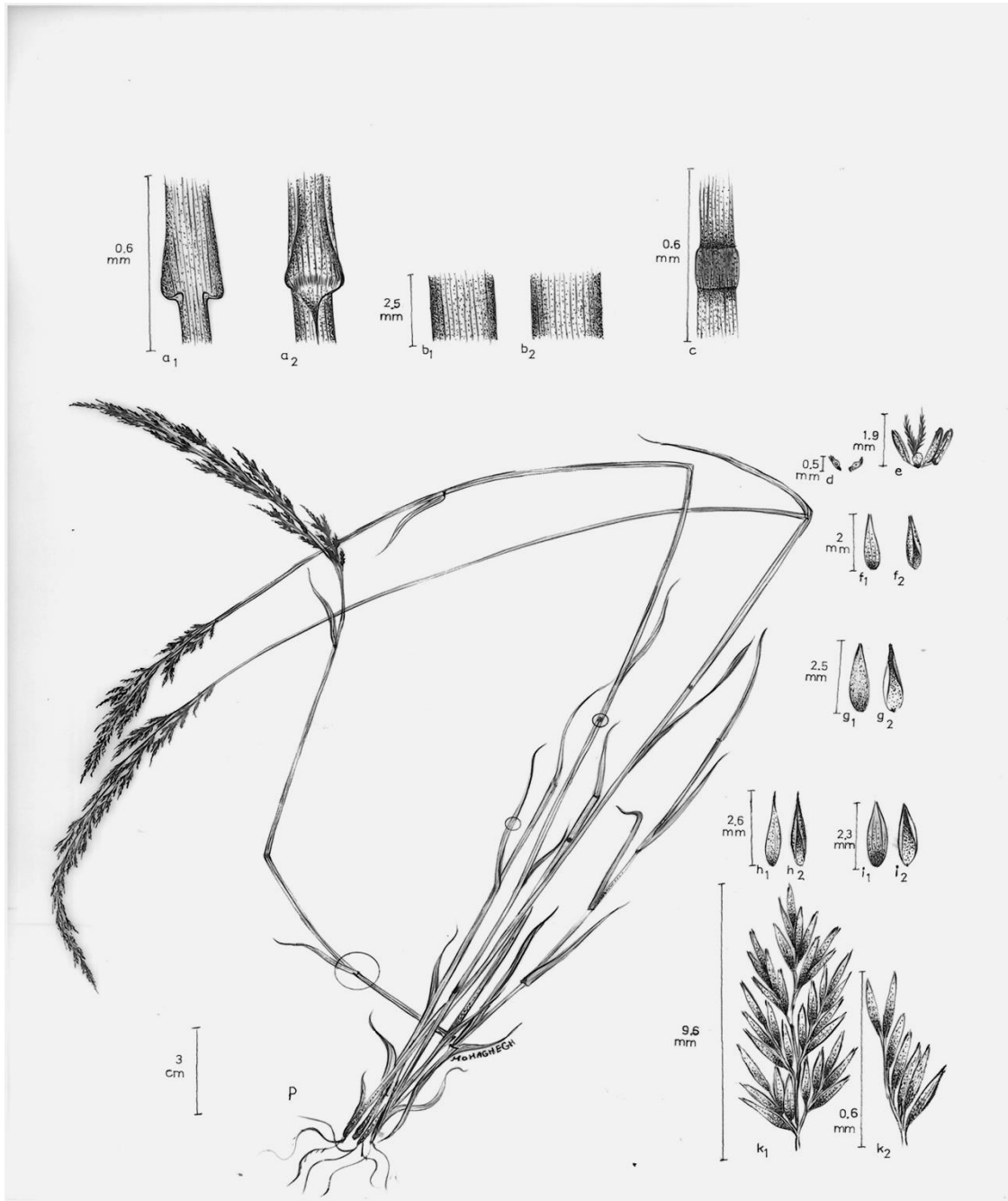


Fig. 1. *Sporobolus virginicus*: p, habit; a₁, outer surface of ligule; a₂, inner surface of ligule; b₁, upper surface of the leaf; b₂, lower surface of the leaf; c, part of stem with node; d, lodicules; e, flower; f₁, outer surface of palea; f₂, inner surface of palea; g₁, outer surface of lemma; g₂, inner surface of lemma; h₁, outer surface of inner glume; h₂, inner surface of the inner glume; i₁, the outer surface of the outer glume; i₂, the inner surface of the outer glume; k₁, spike, k₂, spikelet.