

A FLORESTIC STUDY REPORT CONCERNING QESHM ISLAND

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Sericostoma pauciflorum is reported as a new record from Iran, *S. pauciflorum* var. *qeshmensis* is described as a new variety from Qeshm island in S. Iran. *Convolvulus fatmensis*, *Halophila ovalis* and *Halodule wrightii* are reported as rare plants from Iran.

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گزارشی از مطالعه فلورستیک جزیره قشم

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گزارشی از یک جنس جدید به نام *Sericostoma* از تیره گل گاوزبان برای فلور ایران، واریته‌ای تازه از تنها گونه آن برای فلور جهان *S. pauciflorum* var. *qeshmensis* و گونه‌های کمیاب دیگر به نامهای *Convolvulus fatmensis* از زمینهای سواحل جنوبی و *Halophila ovalis* و *Halodule wrightii* (از گیاهان آبی) از آبهای سواحل شمالی جزیره قشم.

Introduction

In a floristic study in Qeshm island, specimens of the species *Sericostoma pauciflorum* were collected. The specimens were morphologically variable and therefore, more to the type variety, a new variety was recognized.

Convolvulus fatmensis, *Halophila ovalis* and *Halodule wrightii* which are among the rarely known species of Iran were collected in Qeshm island. The new variety is described and the rarely known species are reported in this paper.

Sericostoma pauciflorum Stocks ex Wight

Hormozgan: Qeshm Isl., Giahdan, Ghahreman & Attar 16334.

The Genus *Sericostoma* is new to the flora of Iran. This plant was reported in the Flora Iranica area from Pakistan (Riedl 1967).

Perennial, up to 50cm high. Stem, branches and leaves covered by stose appressed hairs arising from a swollen base, older branches glabrescent. Leaves 10-30x2.5-7mm, sessile, entire, lanceolate. Inflorescence in axillary or terminal clusters of 2-4 flowers; bracts leafy. Calyx 3-4mm

long; lobes lanceolate. Corolla ca. 4.5mm long, white; lobes oblong, margin crisped; throat densely villous with pale yellow hairs. Stamens subexserted. Nutlets 4, ca. 2.5mm long, erect, slightly concave, brown, ovoid, minutely tuberculate.

Sericostoma pauciflorum Stocks ex Wight var. **qeshmensis** Ghahreman & Attar, **var. nov.**

A var. typico differt flore violaceo et costa petalo.

Typus. Hormozgan: Qeshm Isl., Tabl, Ghahreman & Attar 19300 (holotypus TUH).

The new variety differs from *S. pauciflorum* var. *pauciflorum* by violet colour and median vein of corolla lobes.

Convolvulus fatmensis Kze.

Hormozgan: Qeshm Isl., Southeast littoral, near Qeshm, Ghahreman & Attar 19215.

This species was only gathered from Iran (Qeshm Isl.) by Bornmüller, (Rechinger 1963).

Halodule wrightii Aschers.

Hormozgan: Qeshm Isl. road of Qeshm to

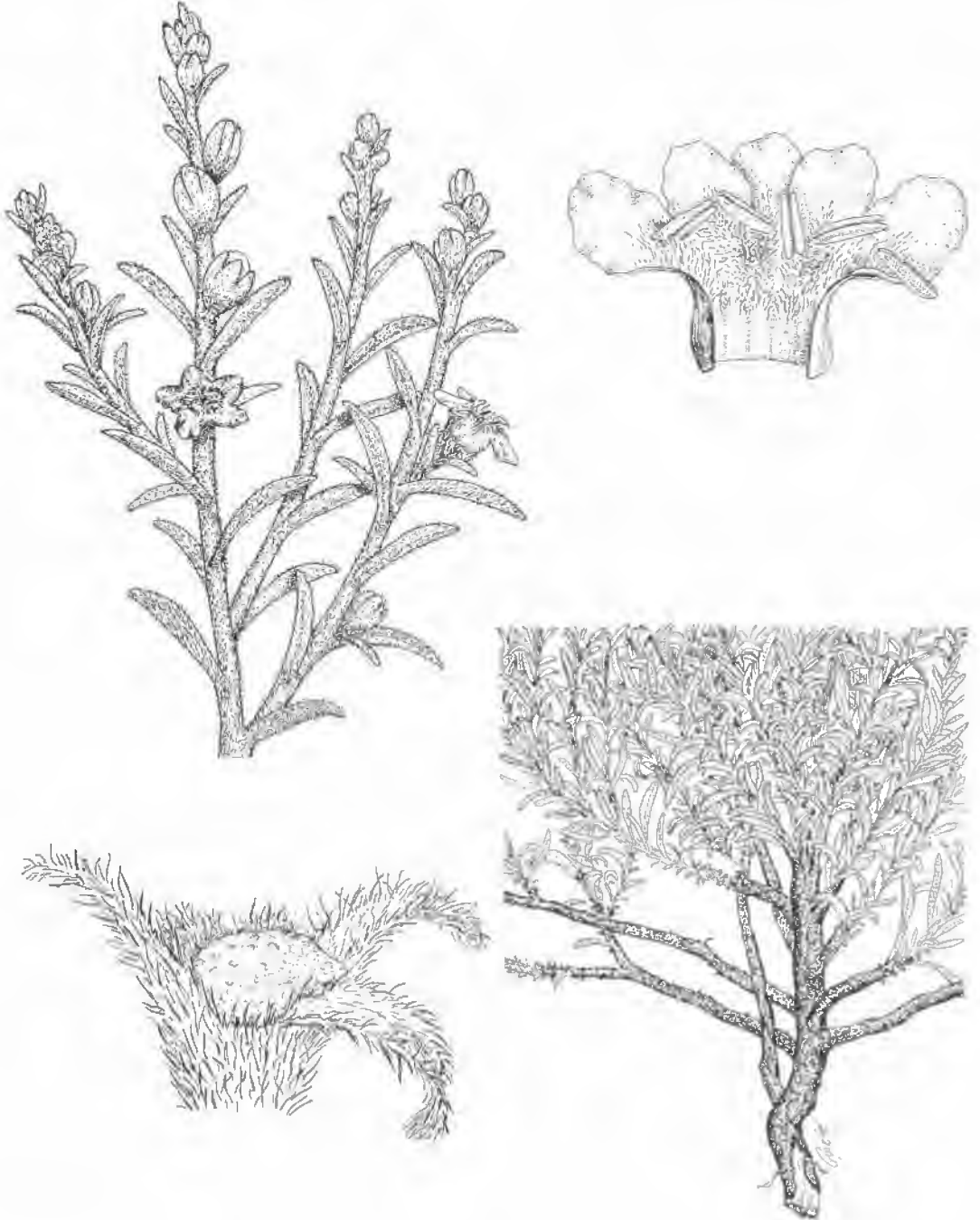


Fig. 1. *Sericostoma pauciflorum*. Lower part of plant (nat. size); branch (x 2.2); corolla (x 5.4); fruiting calyx (x11).



Fig. 2. *Convolvulus fatmensis*. A branch (x 2.1); Leaf (x 2.1); root (x 0.73); anther (x 7.3); seed (x 5.4); capsule (x 1.1).

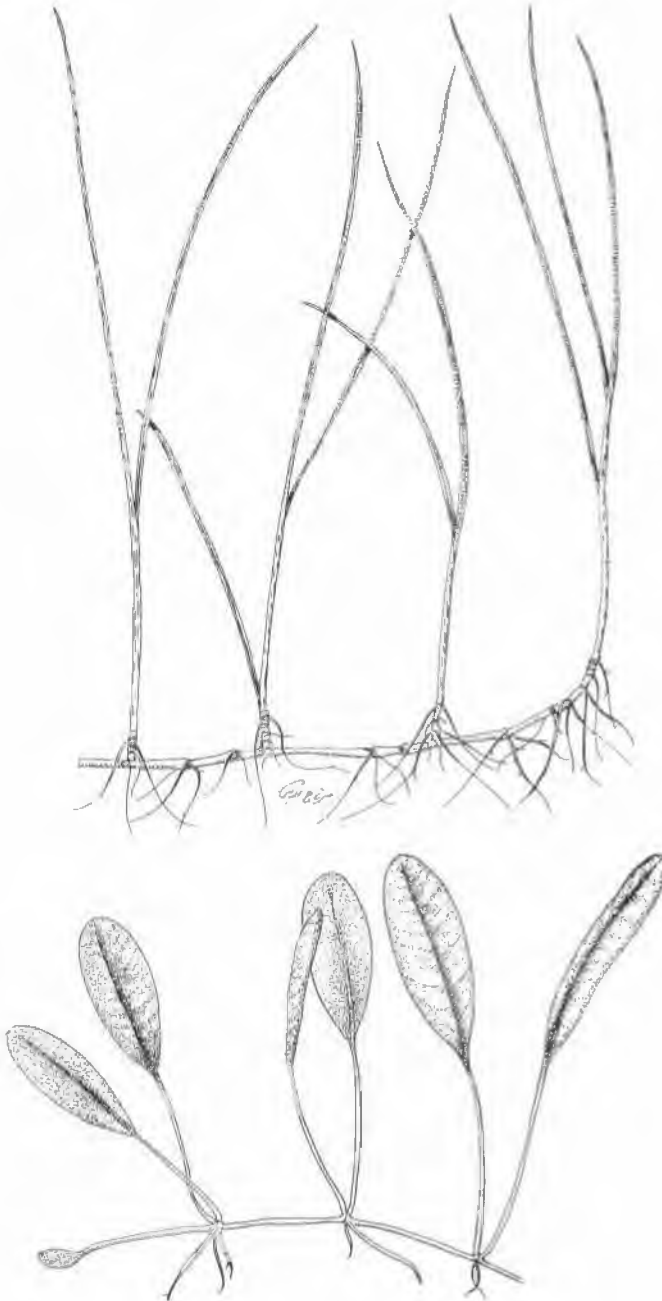


Fig. 3. *Halodule wrightii* (upper; x 0.82) and *Halophila ovalis* (lower; x 1.1).

Dargahan, Ghahreman & Attar 19301.

Formerly recorded from Iran from Bushehr (cf. Dandy 1971).

Halophila ovalis Hook. f.

Hormozgan: Qeshm Isl., road of Qeshm to Dargahan, Ghahreman & Attar 19302.

Formerly recorded from Bushehr, Khark and Deyyer in S. Iran (Dandy 1971).

REFERENCES

- Dandy, J. E. 1971: Zannichelliaceae in K. H. R. Rechinger, Fl. Iranica 85: 1-4. - Graz.
- 1971: Hydrocharitaceae in K. H. Rechinger, Fl. Iranica 80: 1-4. -Graz.
- Rechinger, K. H. 1963: Convolvulaceae in K. H. Rechinger Fl. Iranica 2: 1-24. - Graz.
- Riedl, H. 1967: Boraginaceae in K. H. Rechinger, Fl. Iranica 48: 54. - Graz.