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# CONTRIBUTIONS TOWARD A

FLORA OF NEVADA. NO. 11.

# HYDROCHARITACEAE OF NEVADA

by

#### F. J. HERMANN

December 1, 1940.

## Issued by

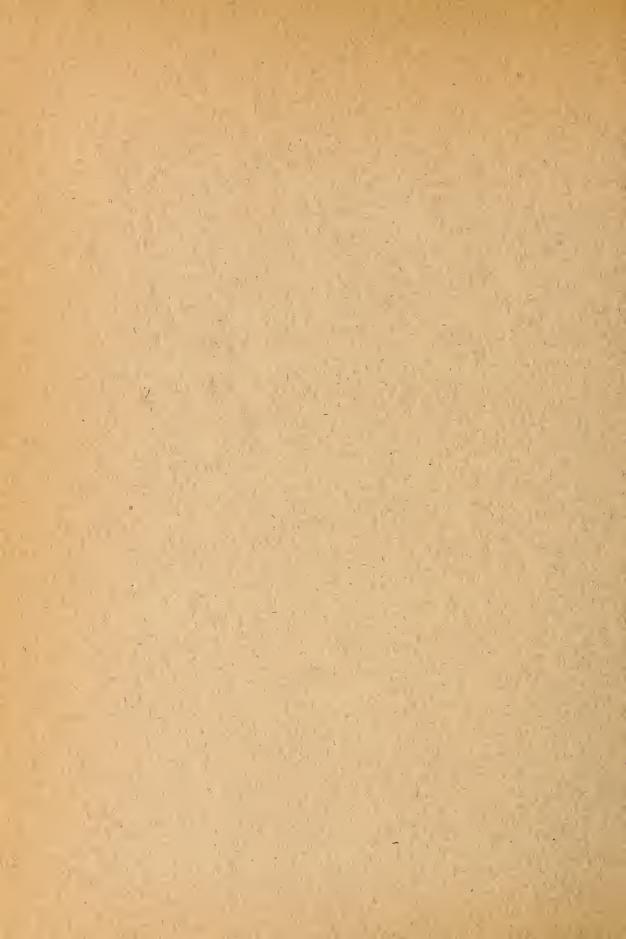
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#### Collaborator

University of Nevada.

Address all queries concerning this publication to the Division of Plant Exploration and Introduction, Bureau of Plant Industry, U. S. Department of Agriculture, Washington, D. C.



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#### HYDROCHARITACEAE OF NEVADA

By F. J. Hermann

Submerged herbaceous aquatics; flowers inconspicuous, regular, appearing from an involuce or spathe of 1 to 3 bracts or leaves; perianth 3-6 parted; stamens 3-12; styles 3; ovary 1-celled with 3 perietal placentae; fruit indehiscent.

One genus in Nevada.

## 1. ANACHARIS Bab. & Planch. Waterweed.

Stems elongated, branching, leafy; leaves whorled, or the lower opposite, sessile, minutely serrulate; flowers dioecious, from a tubular, 2-cleft spathe, the staminate sessile, early separating from the plant and floating on the surface of the water or long-pedicelled and usually remaining attached, the pistillate sessile, with a long pedicel-like tube which reaches the surface; sepals and petals 3; stamens 9; fruit linear.

One species is known from Nevada.

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# 1. ANACHARIS CANADENSIS (Michx.) Planch. Ann. & Mag. Nat. Hist. II. 1: 86. 1848.

<u>Elodea canadensis</u> Michx. Fl. Bor. Am. 1: 20. 1803. <u>Elodea Planchonii</u> Casp. Jahrb. Wiss. Bot. 1: 408, 1858. <u>Philotria canadensis</u> Britton, Science II. 2: 5. 1895.

Stems slender, in our area usually less than 20 cm. long (elsewhere up to 1.5 meters in length); leaves oblong to linear, 1.2-4.5 mm. wide, averaging about 2 mm.; spathe of staminate flower 11-13 mm. long, constricted to a stipe-like base, the apex 2-lobed; staminate flower remaining attached by means of a long filiform pedicel, its sepals 3.5-5 mm. long; anthers 2.2-2.5 mm. long; sepals of pistillate flower 2.3-2.7 mm. long.

Western Nevada: Washoe County. Usually in calcareous water.

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