

CONTRIBUTIONS TOWARD A
FLORA OF WYOMING

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THE TYPHACEAE OF WYOMING

by

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TYPHACEAE Cattail Family

Marsh or aquatic herbs with fleshy rhizomes and long, 2-ranked, linear, sheathing leaves. Flowers monoecious, in dense, cylindrical, terminal spikes in which the upper part is staminate and the lower part is pistillate. Staminate flowers of usually 3 stamens, each flower surrounded by a hair-like perianth of indefinite parts. Pistillate flowers with a single pistil, the ovary long-stipitate, the stipe bearing numerous perianth-hairs. Fruit 1-seeded and indehiscent or tardily dehiscent.

TYPHA L. Cattail

The only genus, with the characteristics of the family as given above.

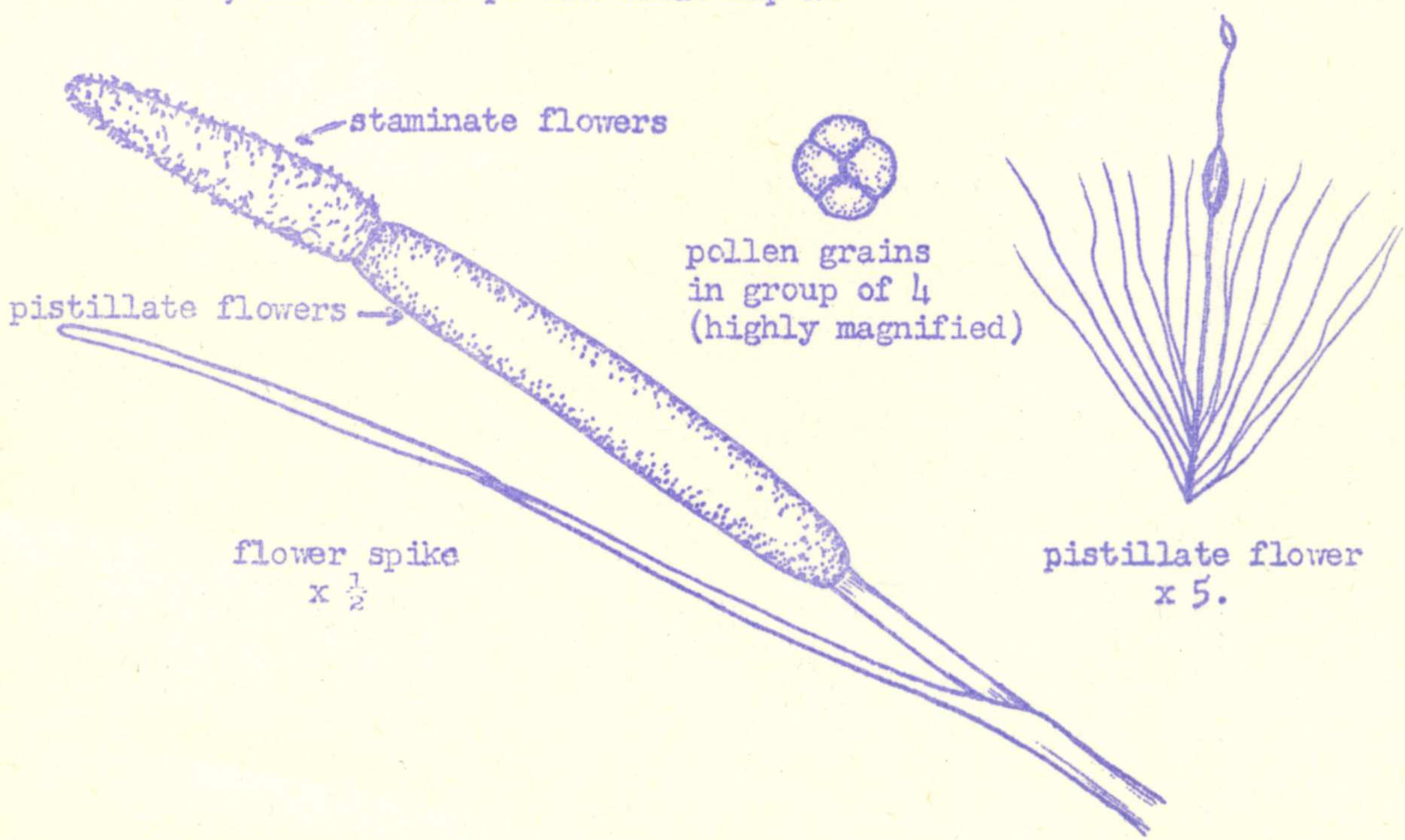
Key to the species

Stems stout; staminate and pistillate portions of spike contiguous or nearly so; pistillate flowers without bractlets; stigma flattened; pollen grains adhering in tetrads (groups of four) - - - - - 1. T. latifolia

Stems slender; staminate and pistillate portions of spike separated by an interval of at least 5 mm.; pistillate flowers with bractlets; stigma thread-like; pollen grains produced singly - - - - - 2. T. angustifolia

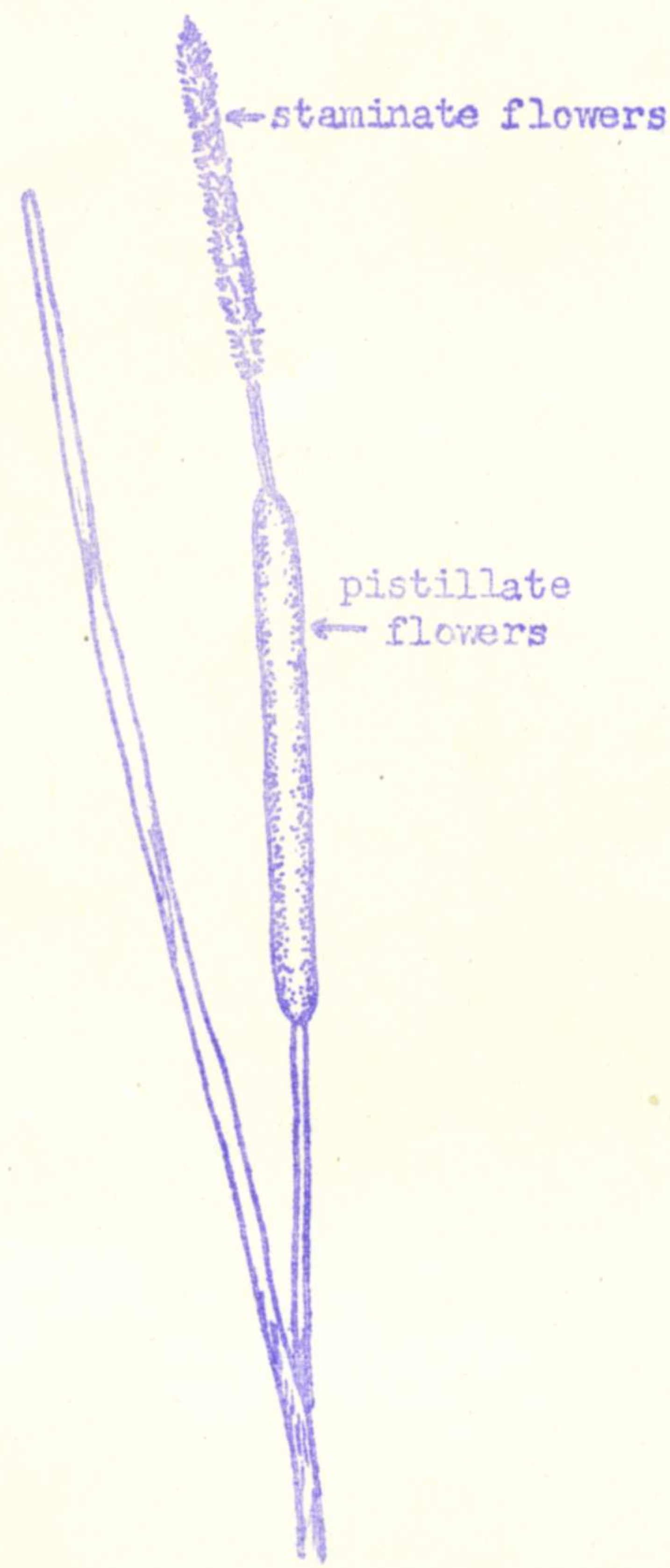
1. TYPHA LATIFOLIA L., Sp. Pl. 971. 1753. Common Cattail

Common in marshes and borders of shallow lakes at lower elevations. Probably present throughout the State, but specimens seen only from Albany, Carbon, Fremont, Platte, and Weston counties. Ranging across North America, also in Europe and Asia. Map 1.

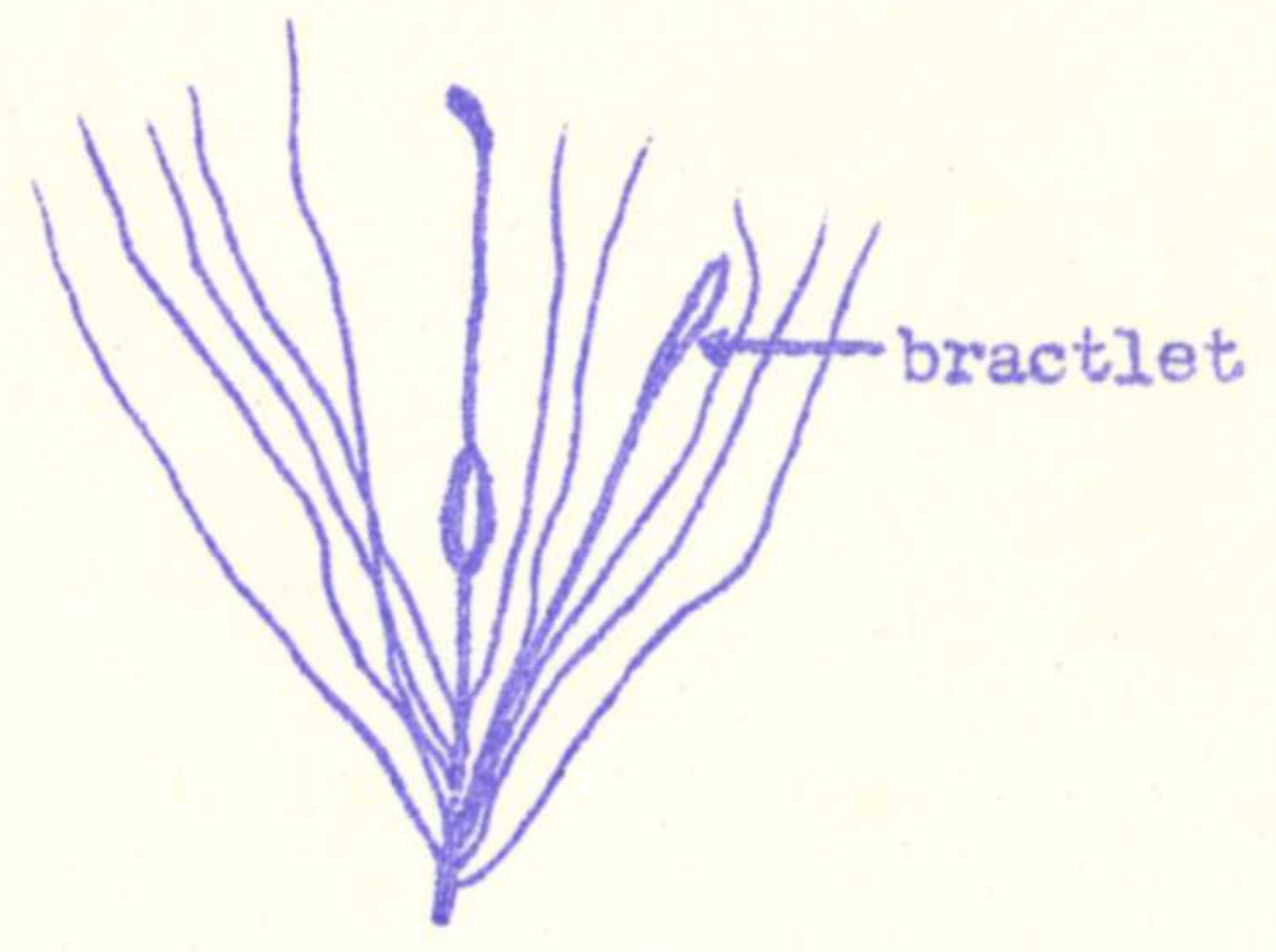


2. *TYPHA ANGUSTIFOLIA* L., Sp. Pl. 971. 1753. Narrowleaf Cattail

In marsh places. Apparently rare in Wyoming, the only specimen seen being from Old Faithful, Yellowstone National Park. Widely distributed in the Northern Hemisphere: also in Central and South America. Map 1.



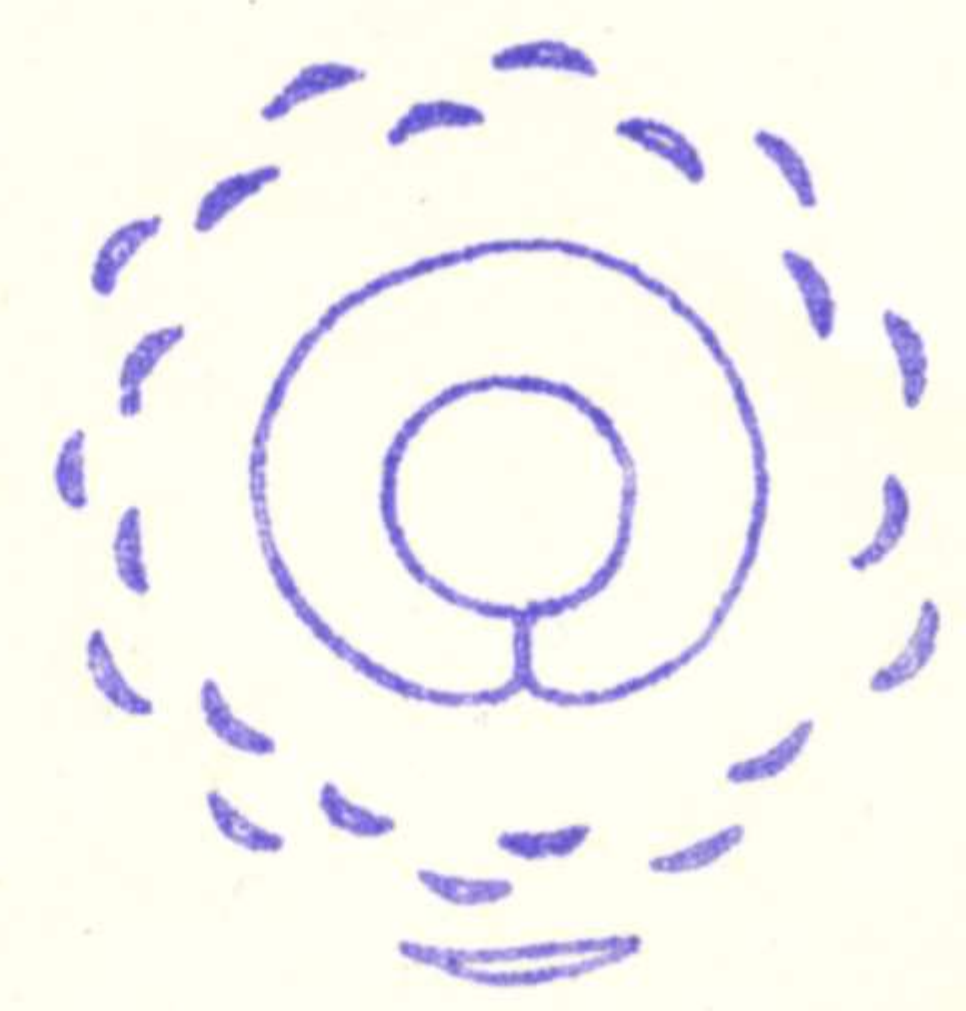
Flower spike
x 1/2



Pistillate flower
x 5.



Single pollen grain
(highly magnified)



Floral diagram of pistillate flower
(after Eichler)

Map 1

Typha latifolia - - - ●

Typha angustifolia - - - +

