

# Distribution of *Phlox Hoodii* Richards. in Southeastern Saskatchewan

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In 1960, Dr. B. Boivin, botanist with the Canada Department of Agriculture, Plant Research Institute, Ottawa brought to my attention that there were no specimens of *Phlox hoodii* Richards., between Indian Head coulee, de Vries—1959, #5 and a station 7 miles east of Brandon, Manitoba, in the Assiniboine Valley, Dore—1950, #10867, DAO.

Since so little was known of the distribution of *Phlox hoodii* in southeastern Saskatchewan I decided to carry out a survey which should be extended north and westward. This paper reports new locations of *Phlox hoodii* resulting from my own collections and from personal communication with local naturalists. The collection numbers, unless otherwise stated, are my own and the specimens are in my own herbarium except where the abbreviation DAO is used to indicate that the specimen is in the herbarium of the Department of Agriculture, Ottawa.

Indian Head coulee, Qu'Appelle Valley, on dry open slopes and gravelly ridges. Common. Associated flora: *Antennaria aprica*, *Penstemon nitidus*, *Bouteloua gracilis*. April 18, 1959, #5.

Lebret, Qu'Appelle Valley; on heavily eroded slopes. Common. Associated flora: *Opuntia polyacantha*, *Artemisia cana*, *Penstemon albidus*. April 19, 1961, #873.

Ellisboro, Qu'Appelle Valley; on open slopes and gravelly ridges. Localized. Associated flora: *Antennaria aprica*, *Penstemon albidus*, *Selaginella densa*. May 15, 1960, #463, DAO.

Round Lake, Qu'Appelle Valley; on open slopes and gravelly knolls and ridges. Common. Associated flora: *Bouteloua gracilis*, *Selaginella densa*, *Antennaria parvifolia*. May 30, 1960, #681, DAO.

Tantallon, Qu'Appelle Valley; on open benchlands and uppermost slopes amongst shale outcroppings. Localized. Associated flora: *Antennaria aprica*, *Viola pedatifida*. May 31, 1960 #685, DAO.

Welby, Qu'Appelle Valley; on open sandy prairie. Localized. Associated

flora: *Artemisia frigida*, *Antennaria aprica*. May 31, 1959, H. Kelly, personal communication.

Boggy Creek 7 miles east of Brandon in Assiniboine Valley; on dry prairie on gravelly soil along creek bank. Associated flora: *Bouteloua gracilis*. June 11, 1950, W. G. Dore, #10867, DAO.

Punnichy, Touchwood Hills; on gravelly slopes. Common. Associated flora: *Thermopsis rhombifolia*, *Anemone patens* var *wolfgangiana*, *Arabis* sp. May 15, 1961, #947, DAO.

In summary we may say that *Phlox hoodii* Richards. is widely distributed throughout the prairie regions of Central North America (Rydberg, 1932) west of Brandon (Dore's specimen, 1950). It was collected in the Crow's Nest Pass in the Rocky Mountains in western Alberta by J. Macoun in 1844. The northernmost collections known are from Alaska. J. B. Mertie in 1926 collected it in the Sheenjec Valley on the Porcupine River and O. J. Murie collected it along the Coleman River in 1926. In Saskatchewan the northernmost collection is the one from the Touchwood Hills reported in this paper. In Manitoba, Scoggan (1951) reports the northernmost collection as being from the Duck Mountains.

A true distribution pattern for this species can not be formed at this time because locations in Saskatchewan, Alberta and British Columbia are so scanty. Additional collections of *Phlox hoodii* are needed so that the northern limits of this familiar species can be established.

## REFERENCES

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