The chief points in which this species (both typical and landlocked varieties) differs from the preceding are the following,

Dorsal fins separated (except at the breeding seas n in the males, but the notch is always deep).

Four bicuspid teeth on each side of mouth.

Fifteen to eighteen radial rows of teeth on disk, counted next the mouth opening.

Jordan and Fordice (1886, p. 284) refer Dekay's (1842, p. 383) Ammocoetes unicolor to this variety. This is doubtful, since Dekay's description and name was based upon a larva from Lake Champlain. That it was the larva of this variety cannot be considered proved. Evermann and Kendall (1902a, p. 218) identify the Ammocoetes unicolor of Dekay with Ichthyomyzon concolor (=bdellium). Wilder's name dorsatus (in Jordan and Gilbert, 1883, p. 869) is therefore to be used for the land-locked variety of P. marinus, although based upon a character which is not distinctive of that variety.

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