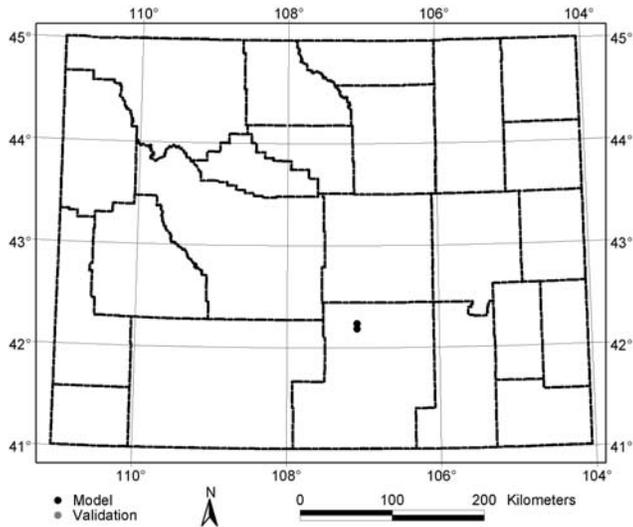


# Penstemon haydenii Wats.

## Known Distribution in Wyoming



## Numbers of Points for Modeling

	Model	Validation	Total
Known Present	2	0	2
Known Absent	962	189	1151
Total	964	189	1153

## Data Source (Points)

Wyoming Heritage Program (2)

## Modeling Notes

Factor used to expand ranges: 0.1

Biomes used for validation: FOOT, IDGRS, IDS

## Ranges of Continuous Variables

	MIN	MAX	UNITS
ELEV	1835	2450	m
RELIEF	127	281	m
PT01	1.38	1.96	cm
PT04	3.62	5.15	cm
PT07	2.19	2.96	cm
PT10	2.75	3.73	cm
RT01	6.11	7.68	MJ/m <sup>2</sup> /day
RT07	21.99	27.11	MJ/m <sup>2</sup> /day
TA01	-8.86	-4.25	°C
TA04	1.31	6.23	°C
TA07	15.75	20.61	°C
TA10	3.28	8.07	°C

## Values of Categorical Variables

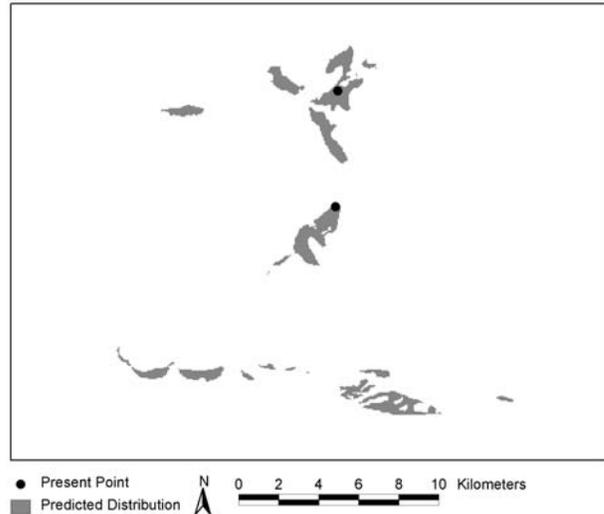
BEDGEOL: Qs

LANDCOV: MtSge, VgDun, WySge

SOIL: WY10

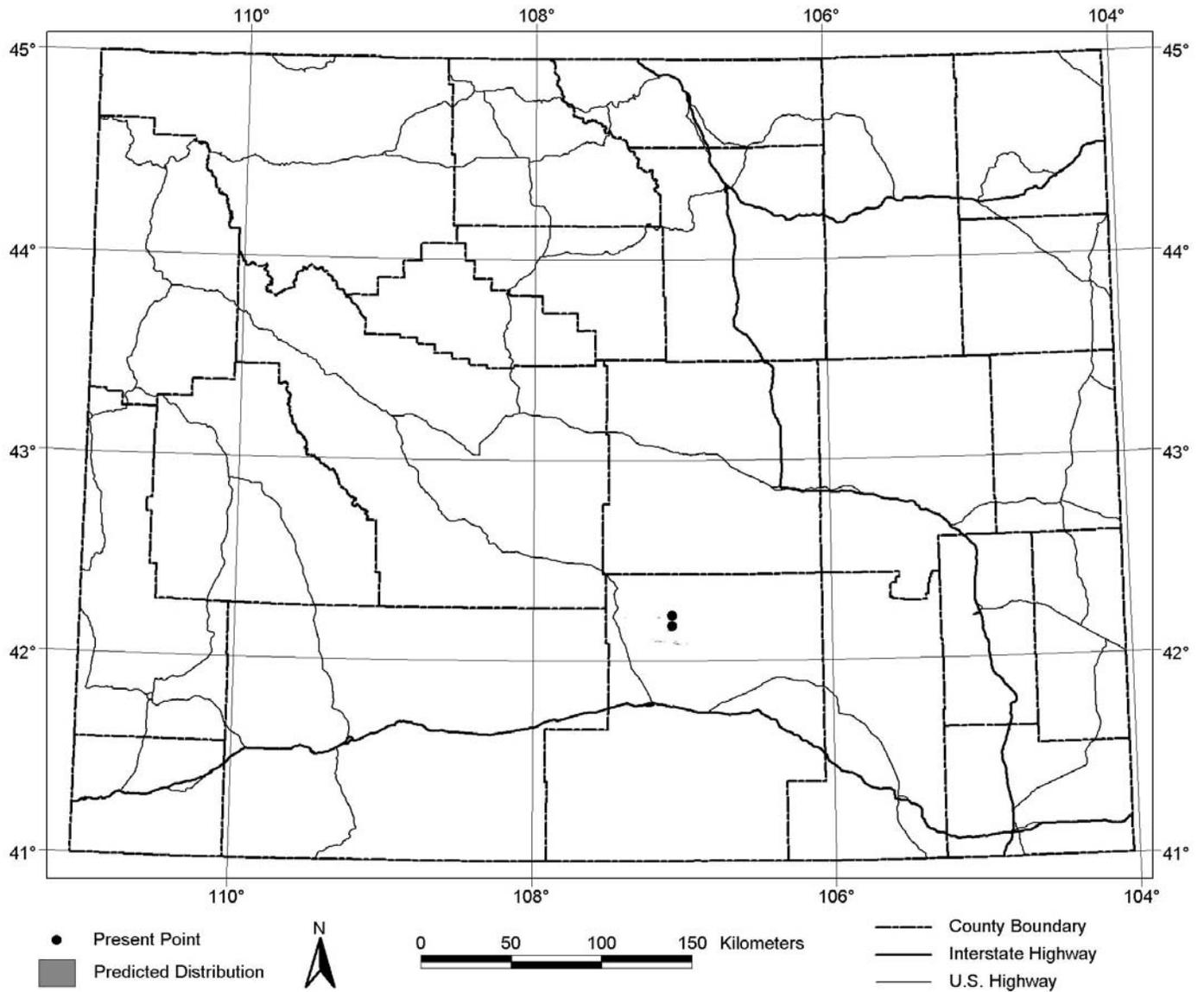
SURFGEOL: ei

## Detailed View of Predicted Distribution



# BLOWOUT PENSTEMON

## Predicted Distribution in Wyoming



### Classification Rates

#### Model-Building Points

	Model Present	Model Absent		
Known Present	2 / 2	0 / 2	Total	964 / 964
	100.0%	0.0%	Correct	100.0%
Known Absent	0 / 962	962 / 962	Total	0 / 964
	0.0%	100.0%	Incorrect	0.0%

#### Validation Points

	Model Present	Model Absent		
Known Present	0 / 0	0 / 0	Total	189 / 189
			Correct	100.0%
Known Absent	0 / 189	189 / 189	Total	0 / 189
	0.0%	100.0%	Incorrect	0.0%

**Area of Predicted Distribution:** 15 km<sup>2</sup> (0.01% of WY)