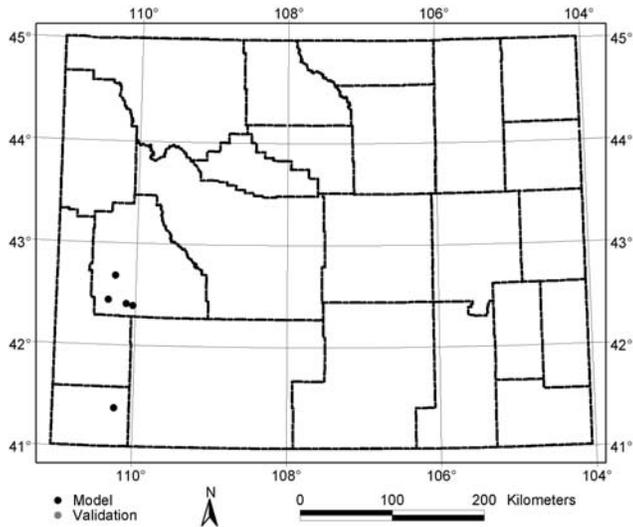


Astragalus racemosus Pursh var. *treleasei* Porter

Known Distribution in Wyoming



Numbers of Points for Modeling

	Model	Validation	Total
Known Present	5	0	5
Known Absent	960	131	1091
Total	965	131	1096

Data Source (Points)

Rocky Mountain Herbarium (1)
Wyoming Heritage Program (4)

Modeling Notes

Independent variables: ELEV, RELIEF, PT01, PT04, PT07, PT10, NWD, RT01, RT07, TA01, TA04, TA07, TA10, TX07, NFD, GDD, BEDGEOL, LANDCOV, SOIL, SURFGEOL

Minimum number of observations before split: 1

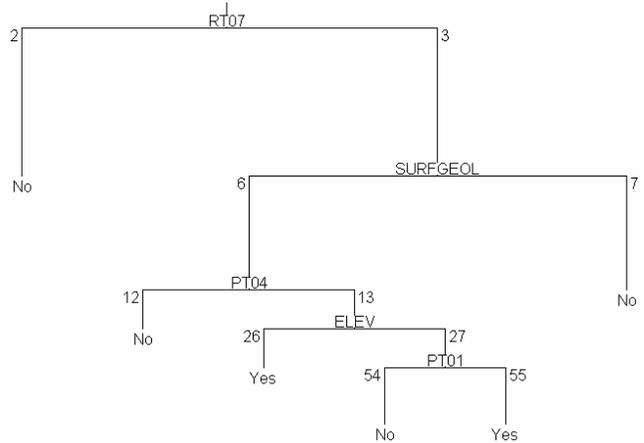
Minimum node size: 2

Minimum node deviance: 0.01

Minimum percent for pruning: 0.0

Biome used for validation: IDGRS

Classification Tree Used in Model Building



Classification Tree Output

Node_Num) Node_Def Node_Size (Num_No,Num_Yes)

(Pct_No,Pct_Yes) Node_Type

1) root 965 (960,5) (100,100) Yes

2) RT07<25.565 869 (869,0) (90.5,0) No *

3) RT07>25.565 96 (91,5) (9.5,100) Yes

6) SURFGEOL:sci 18 (13,5) (1.4,100) Yes

12) PT04<2.30 7 (7,0) (0.7,0) No *

13) PT04>2.30 11 (6,5) (0.6,100) Yes

26) ELEV<2107 3 (0,3) (0,60) **Yes ***

27) ELEV>2107 8 (6,2) (0.6,40) Yes

54) PT01<3.94 6 (6,0) (0.6,0) No *

55) PT01>3.94 2 (0,2) (0,40) **Yes ***

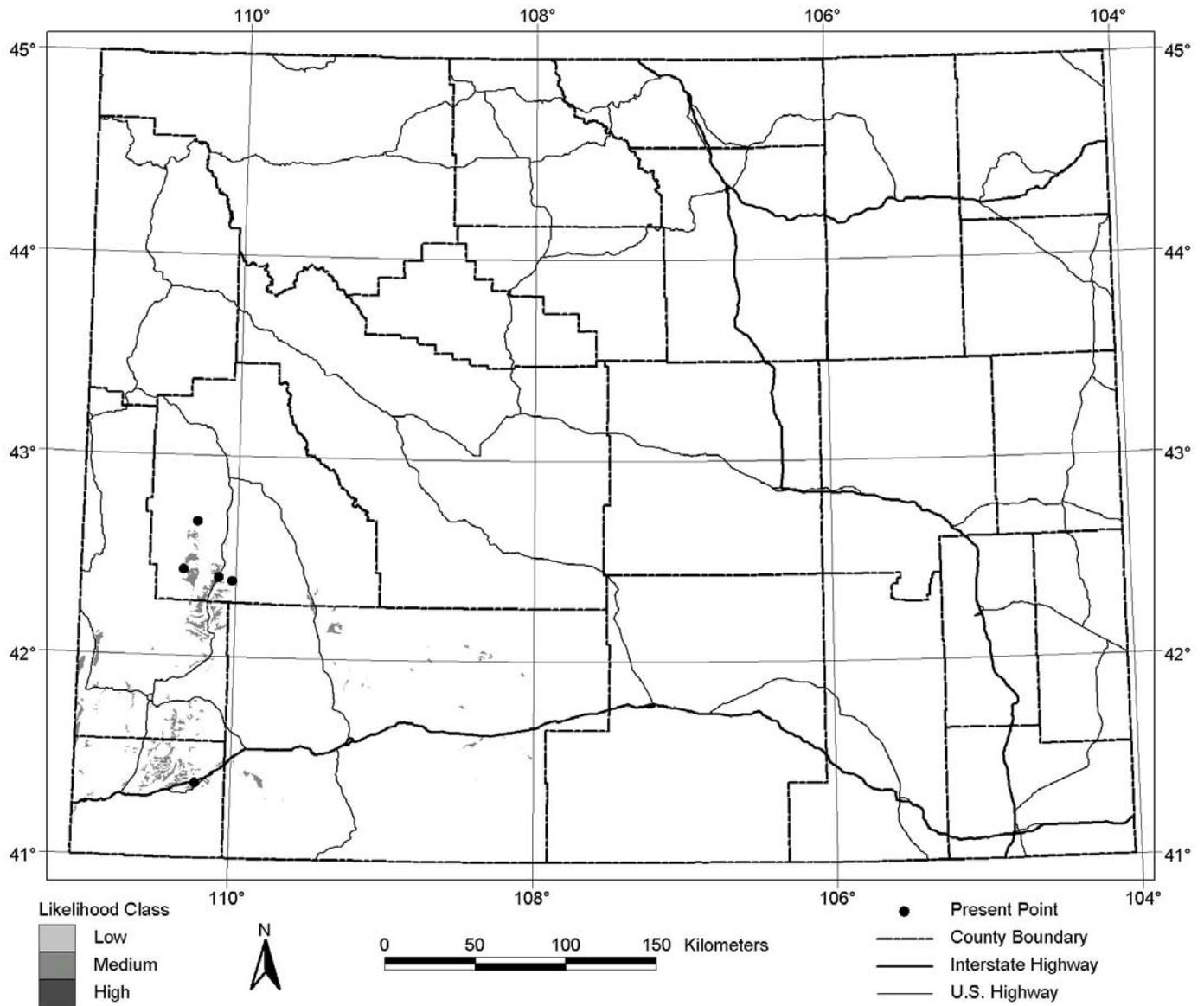
7) SURFGEOL:LAKE,Ri,ai,ei,fi,li,pea,ri,ti 78 (78,0) (8.1,0) No *

Path Composition and Likelihood

Yes Path	Node List	% of Present Points	Likelihood Class
a	26, 13, 6, 3	60.0	Medium
b	55, 27, 13, 6, 3	40.0	Medium

TRELEASE'S CREAM MILKVETCH

Predicted Distribution in Wyoming



Classification Rates

Model-Building Points

	Model Present	Model Absent		
Known Present	5 / 5	0 / 5	Total	965 / 965
	100.0%	0.0%	Correct	100.0%
Known Absent	0 / 960	960 / 960	Total	0 / 965
	0.0%	100.0%	Incorrect	0.0%

Validation Points

	Model Present	Model Absent		
Known Present	0 / 0	0 / 0	Total	131 / 131
			Correct	100.0%
Known Absent	0 / 131	131 / 131	Total	0 / 131
	0.0%	100.0%	Incorrect	0.0%

Area of Predicted Distribution: 889 km² (0.35% of WY)