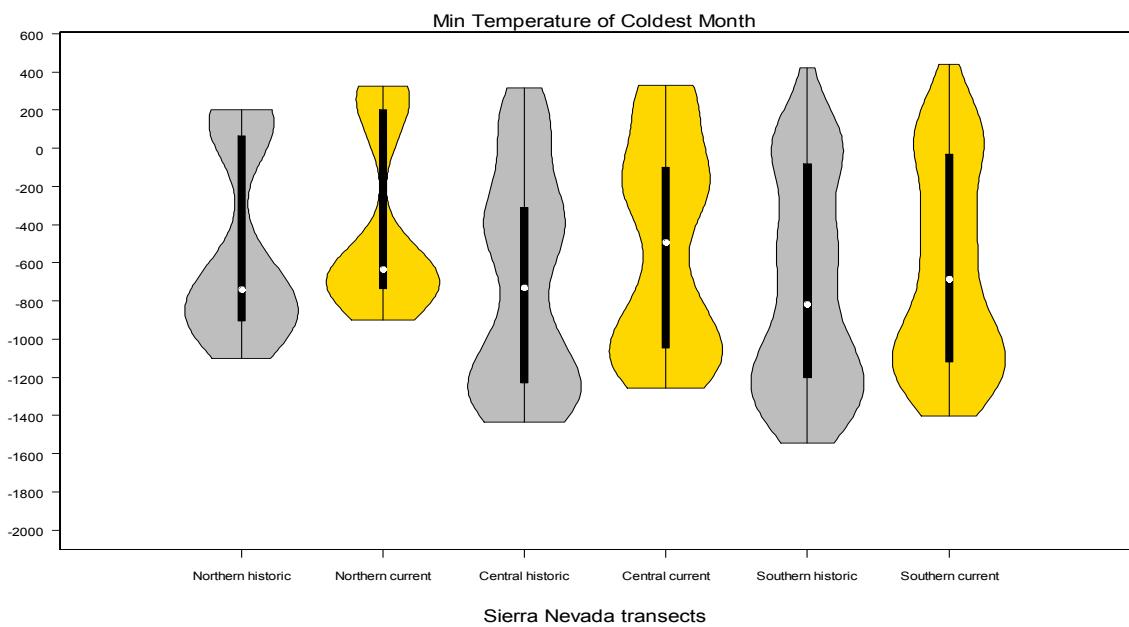
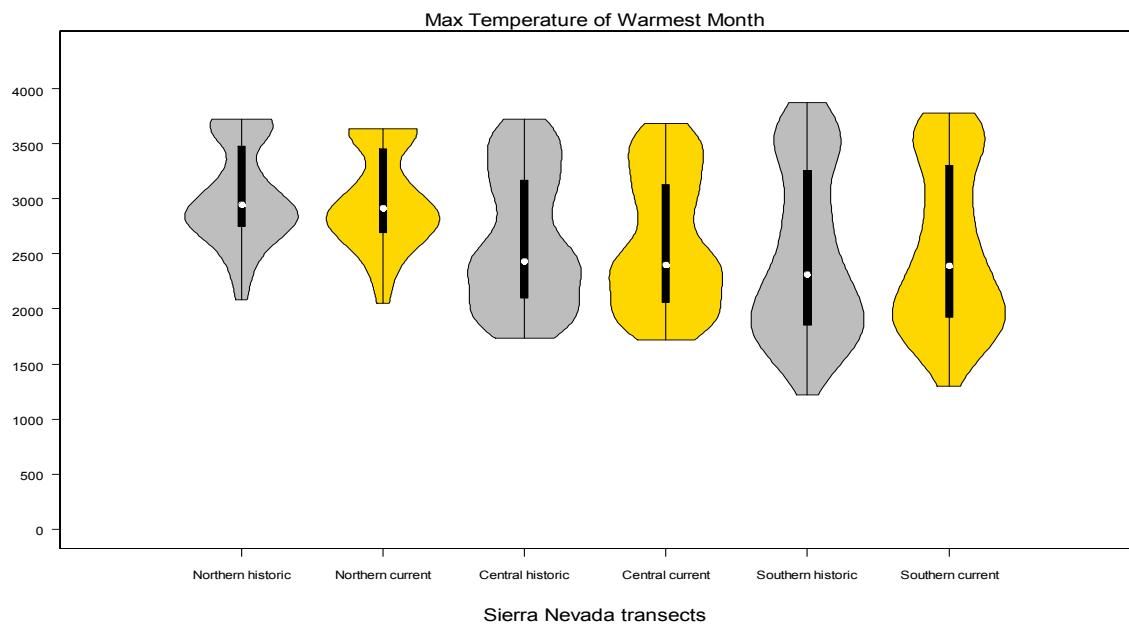
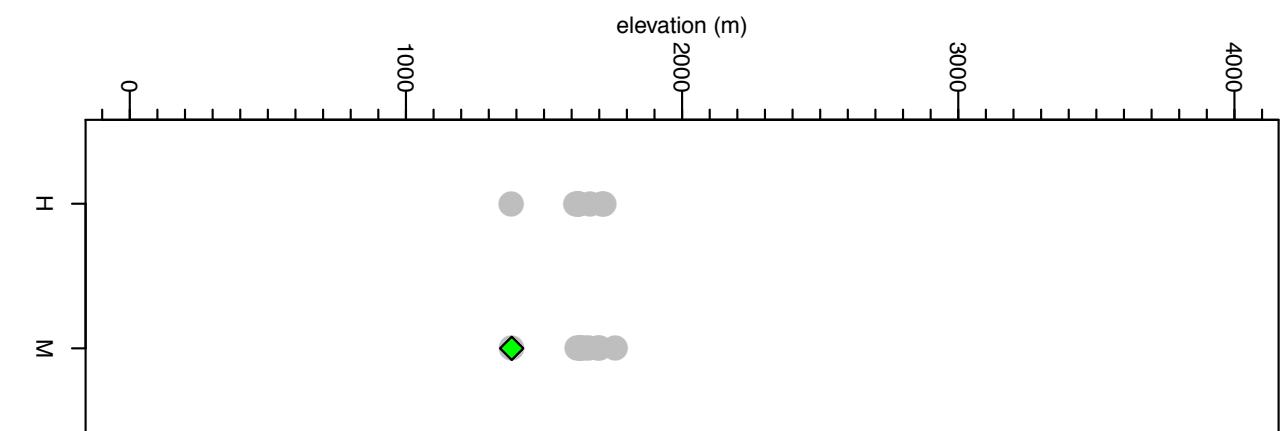


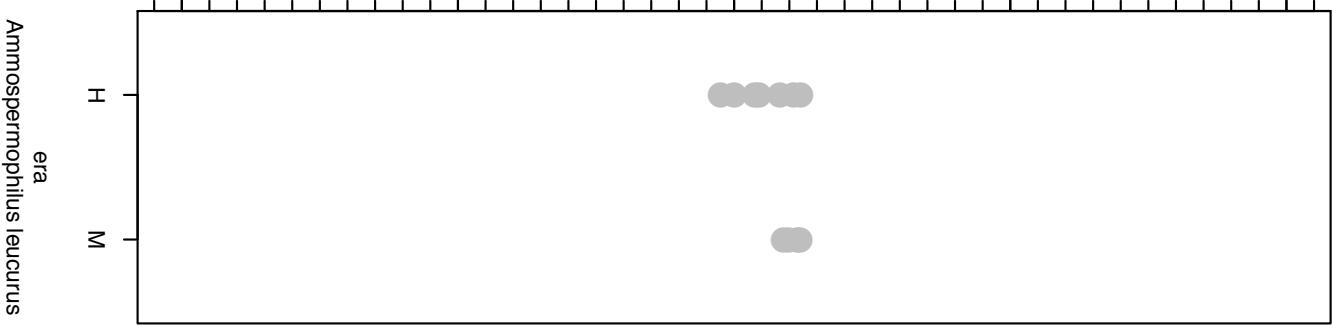
Violin plots of bioclimatic variables, which is a boxplot showing the kernel density of the variable.



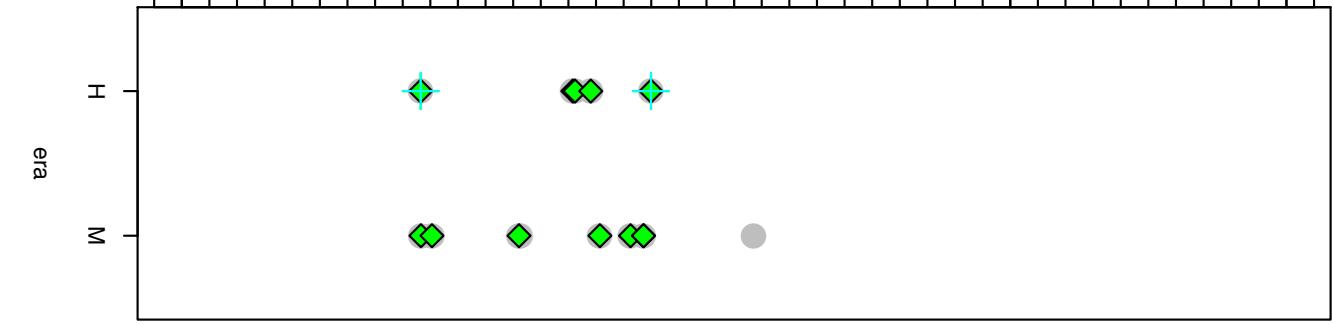
Lassen – East Slope



Yosemite – East Slope

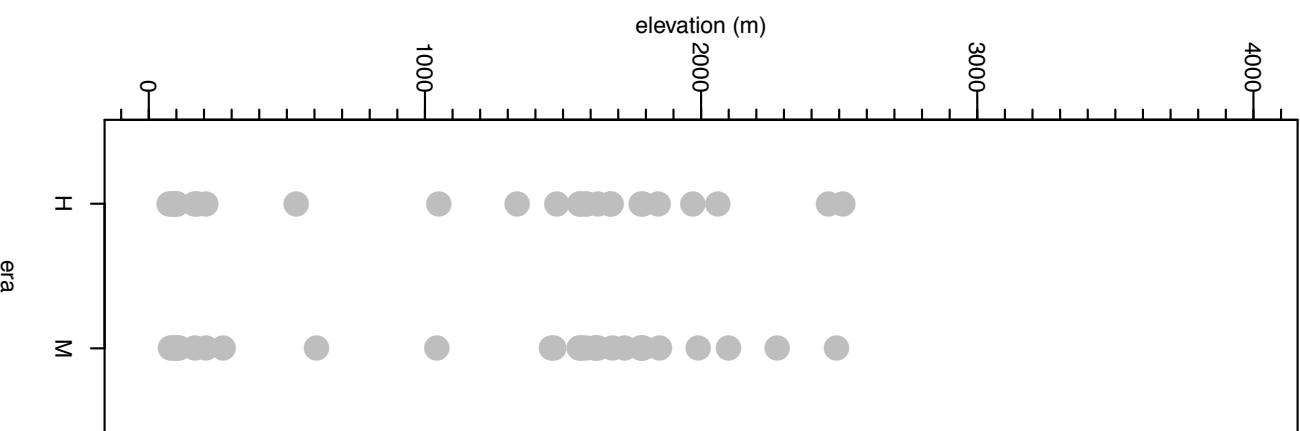


Sequoia – East Slope

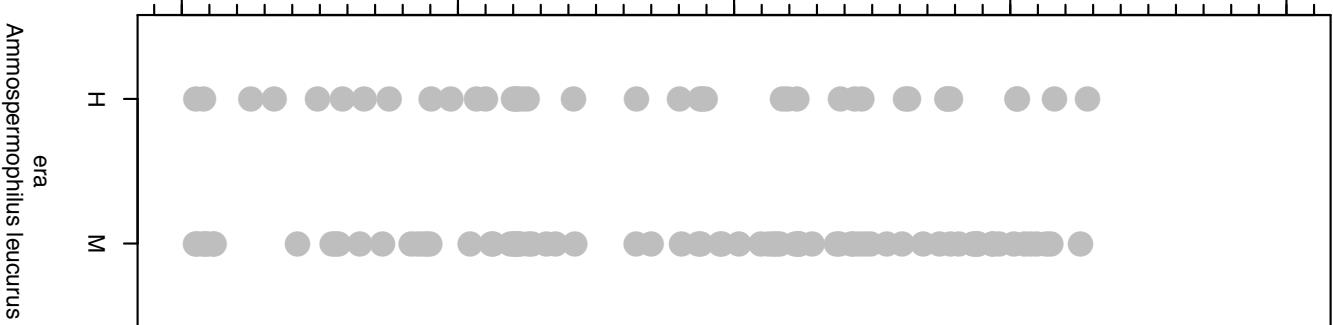


*Ammospermophilus leucurus*

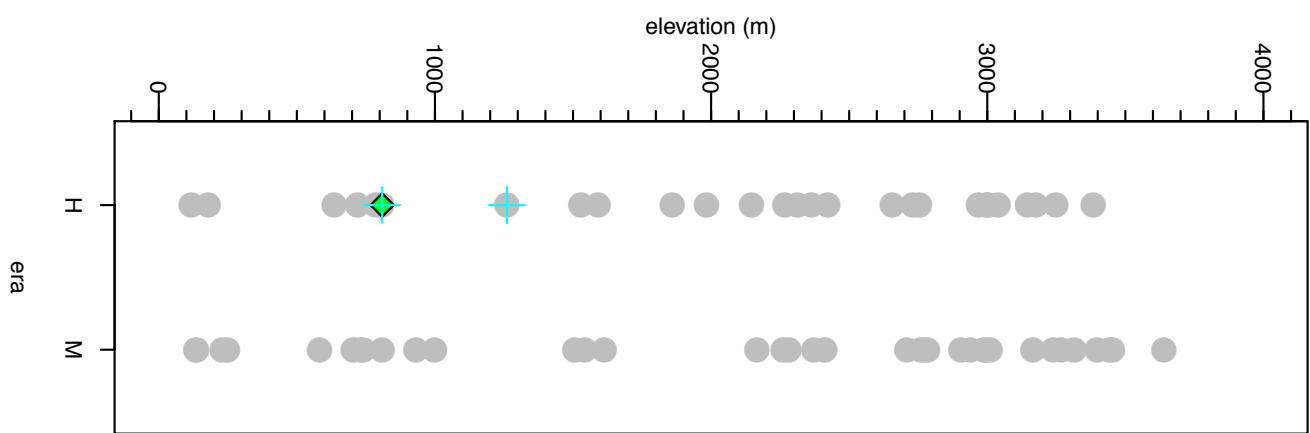
Lassen – West Slope



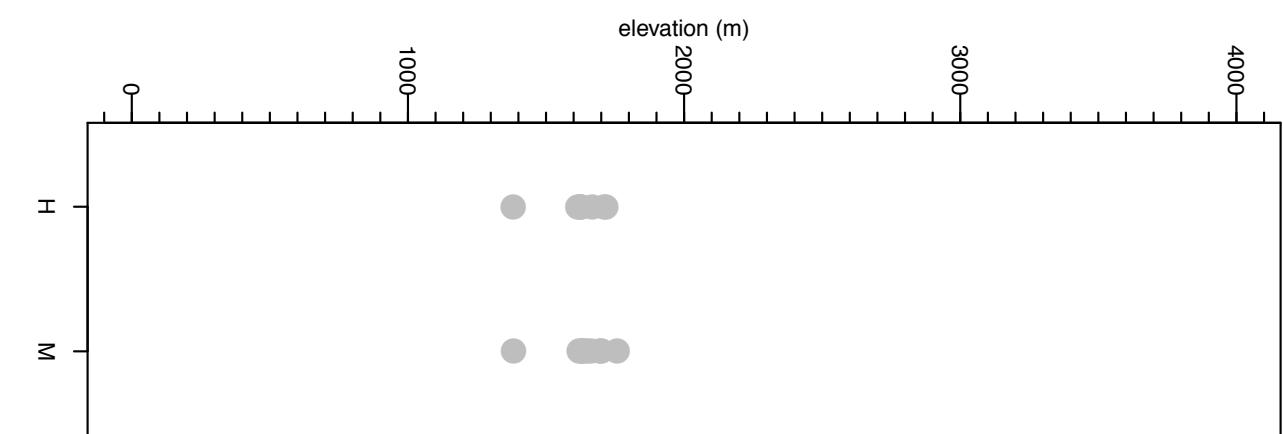
Yosemite – West Slope



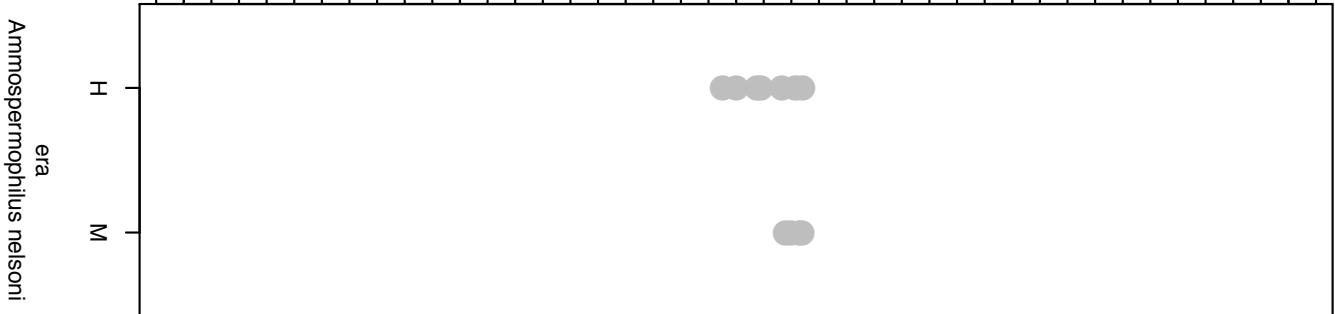
Sequoia – West Slope



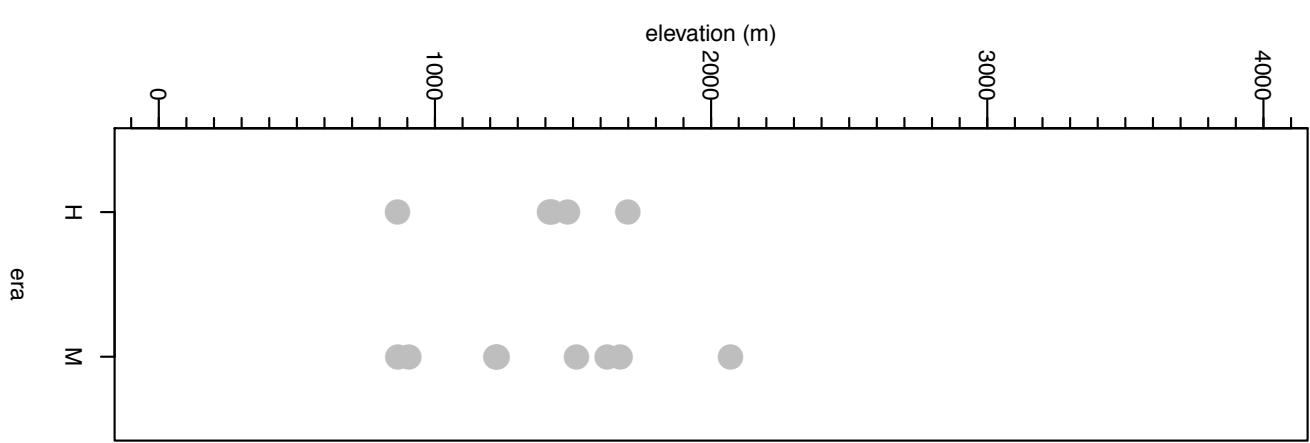
Lassen – East Slope



Yosemite – East Slope

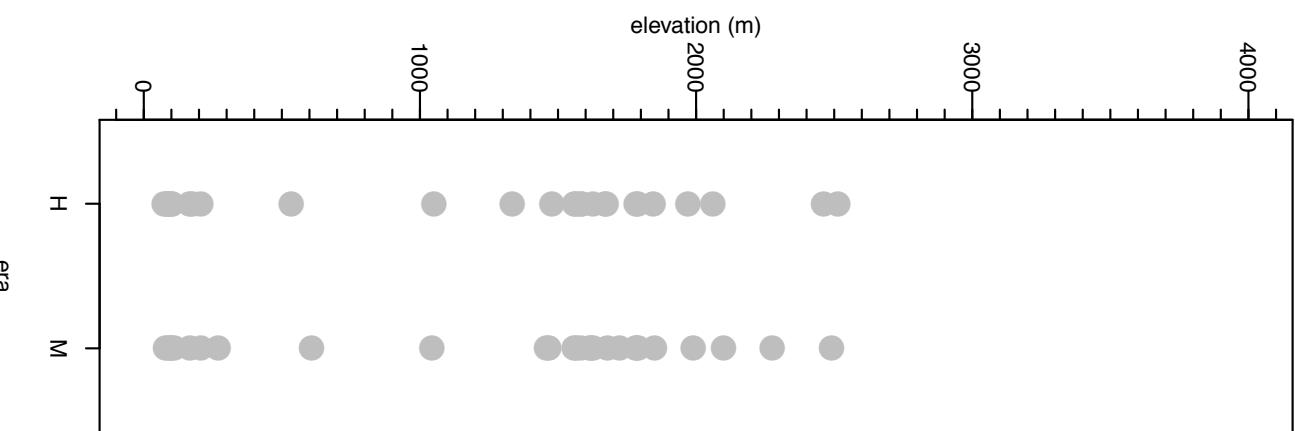


Sequoia – East Slope



*Ammospermophilus nelsoni*

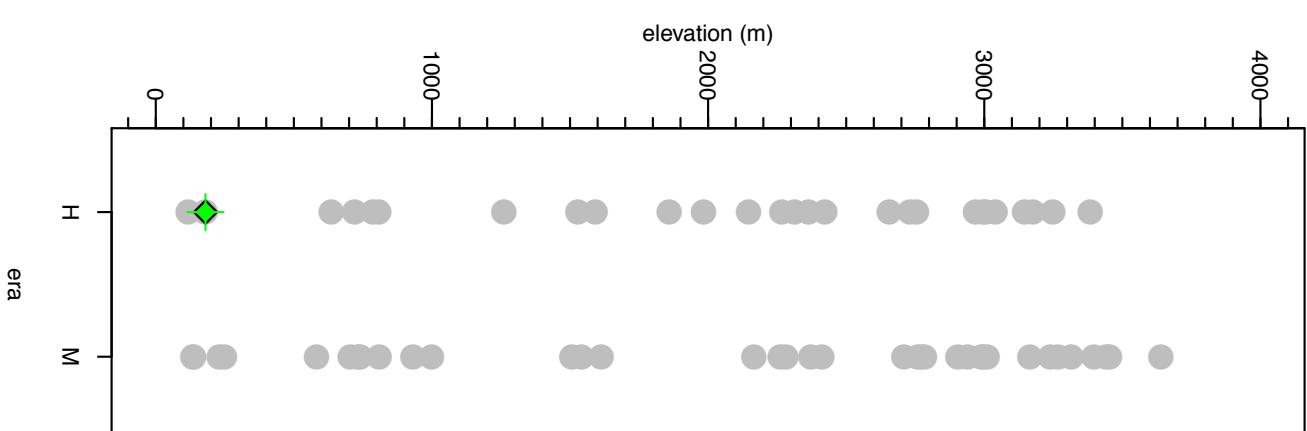
Lassen – West Slope



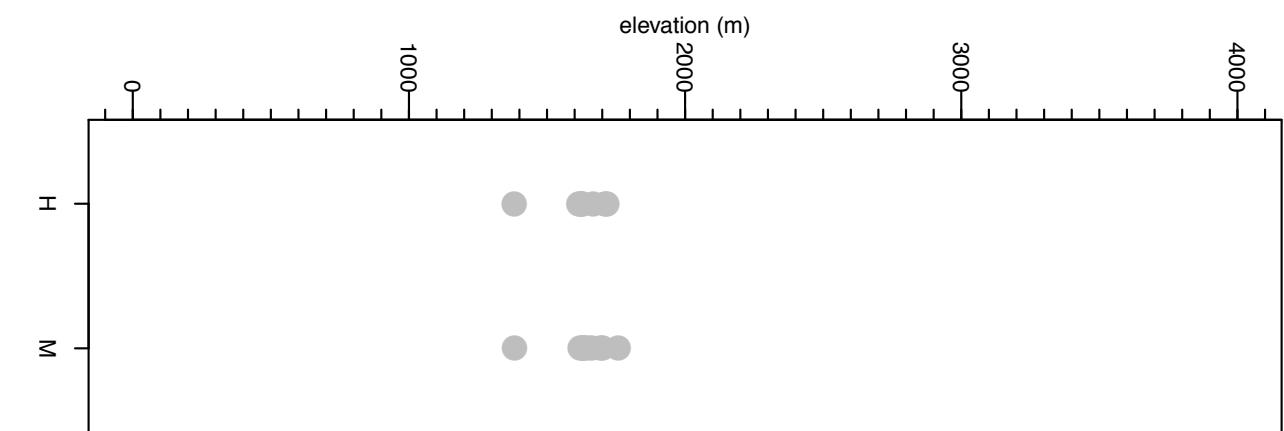
Yosemite – West Slope



Sequoia – West Slope



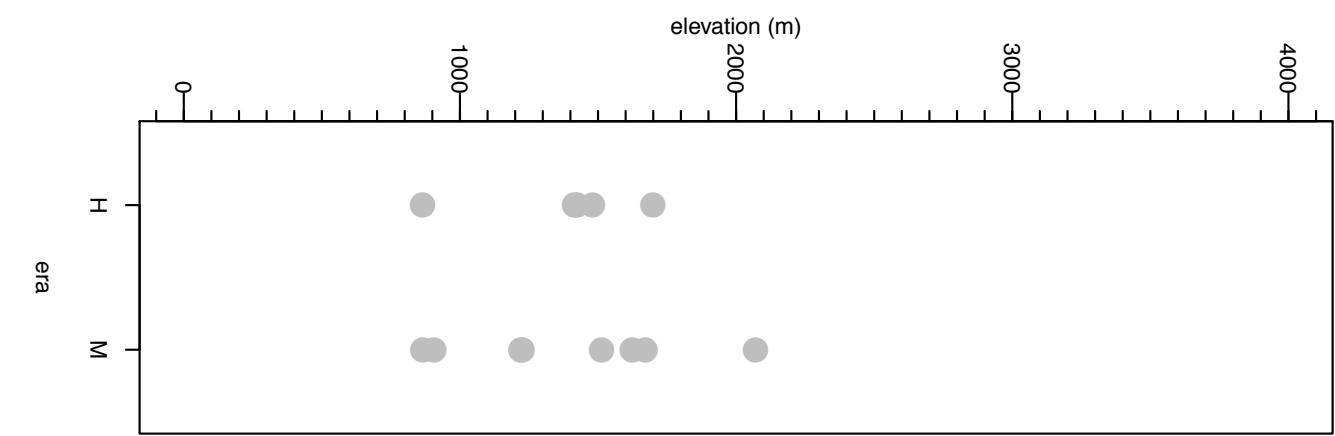
Lassen – East Slope



Yosemite – East Slope

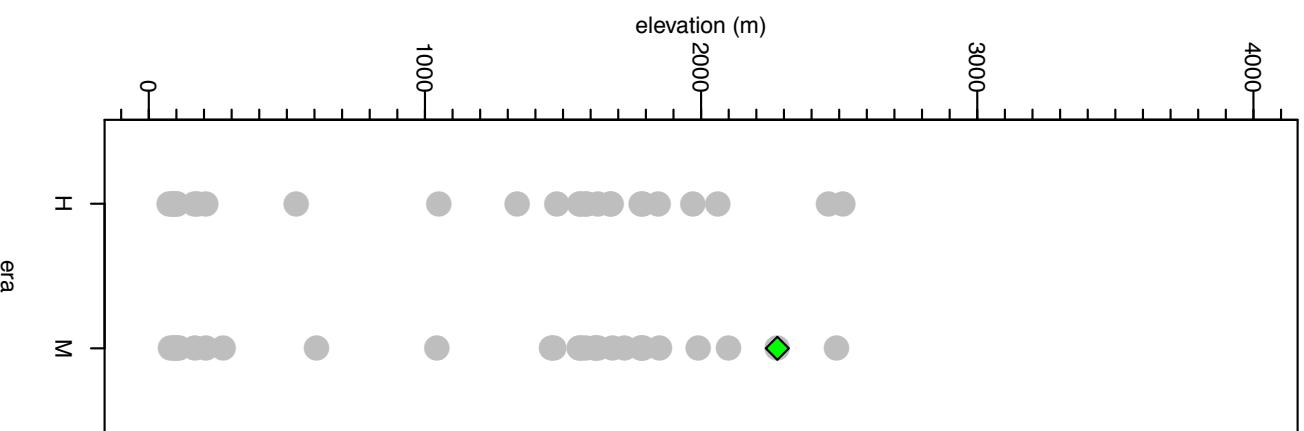


Sequoia – East Slope

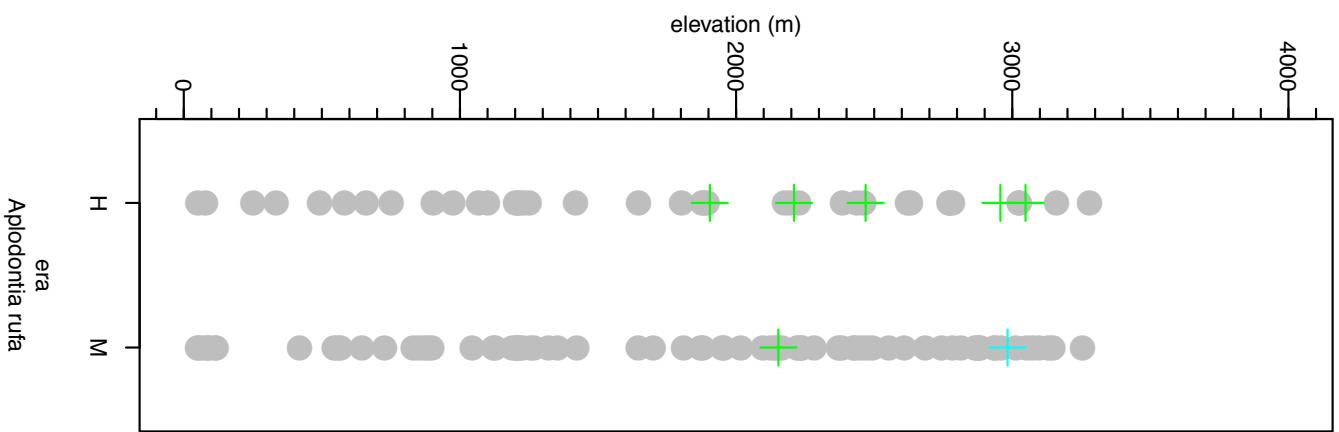


*Aplodonia rufa*

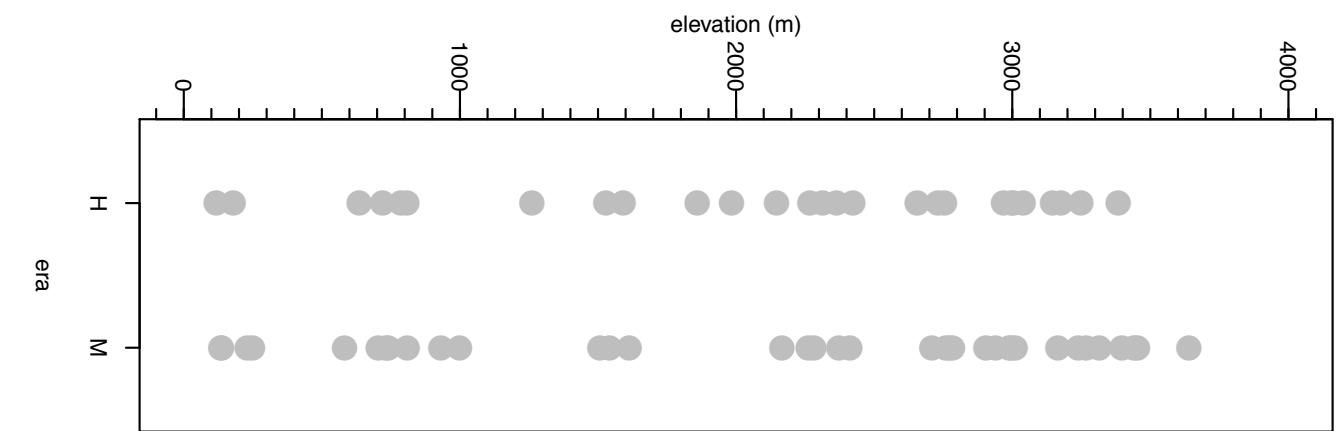
Lassen – West Slope



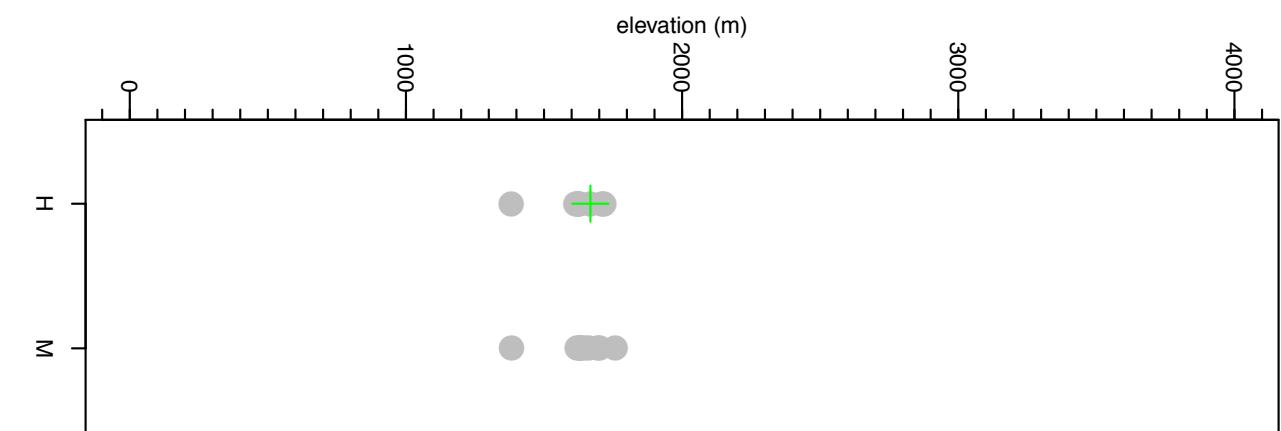
Yosemite – West Slope



Sequoia – West Slope



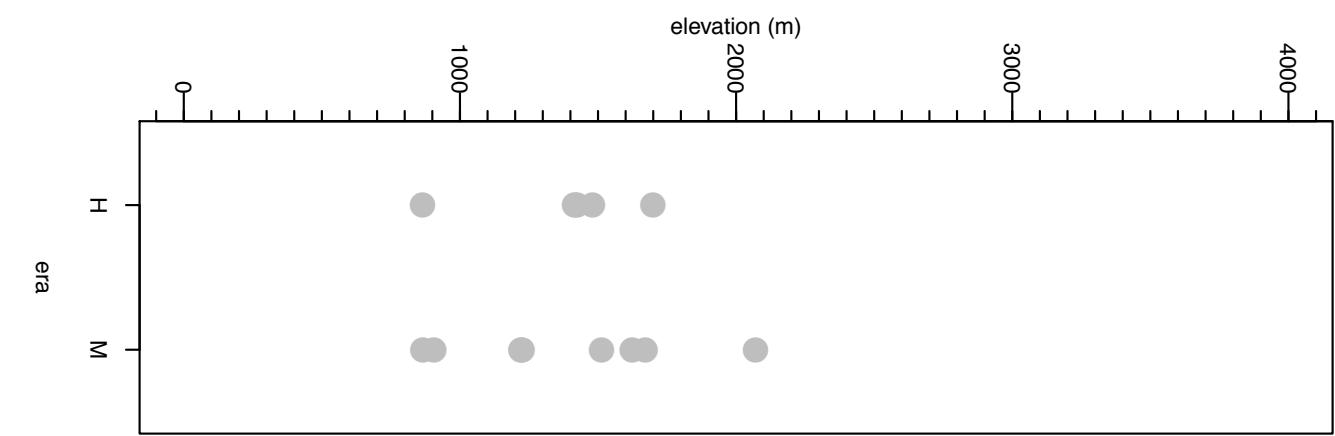
Lassen – East Slope



Yosemite – East Slope

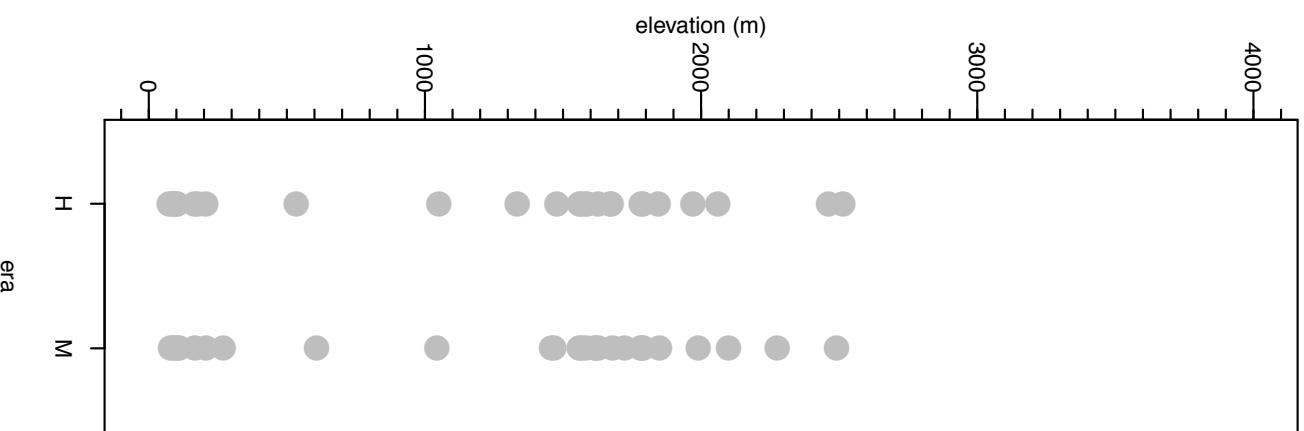


Sequoia – East Slope



*Brachylagus idahoensis*

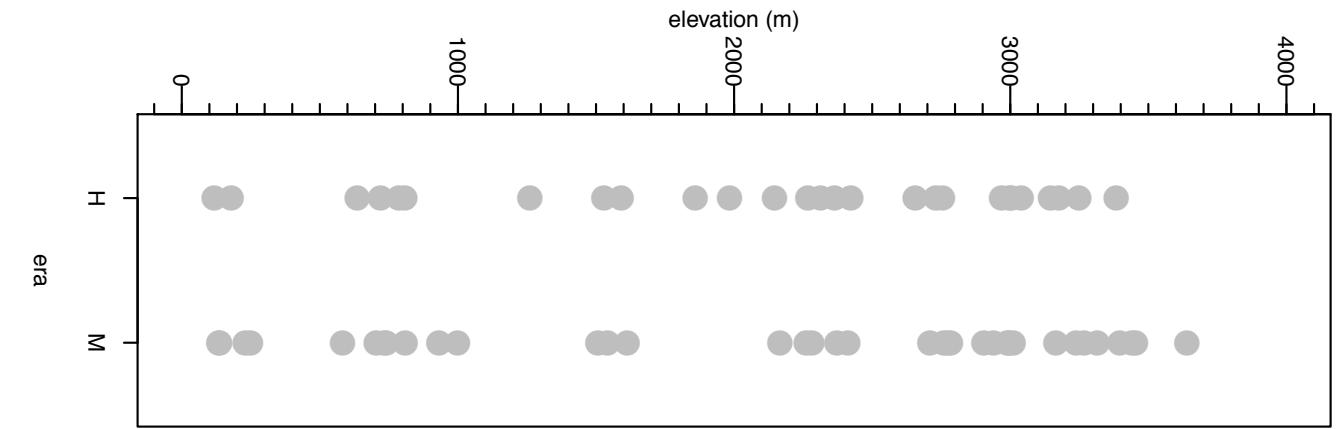
Lassen – West Slope



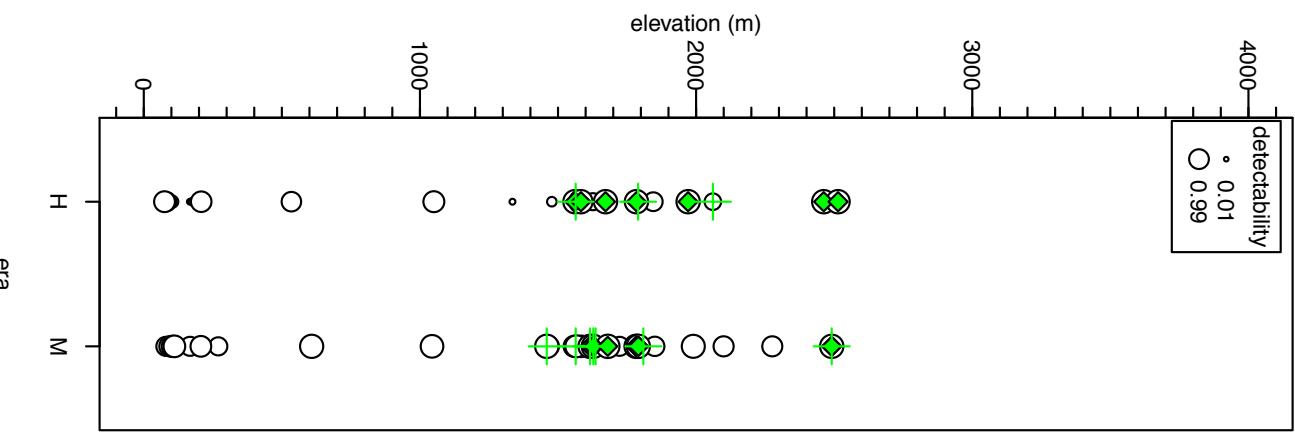
Yosemite – West Slope



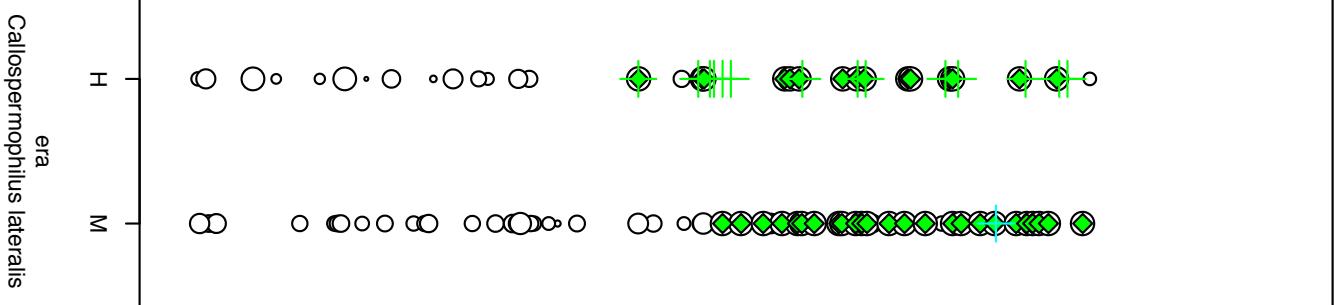
Sequoia – West Slope



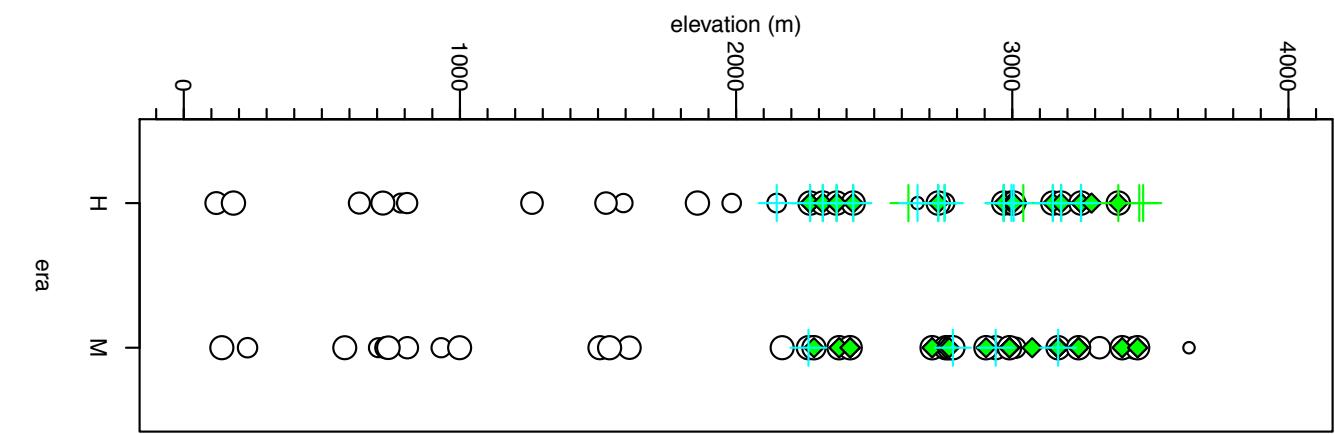
Lassen – West Slope



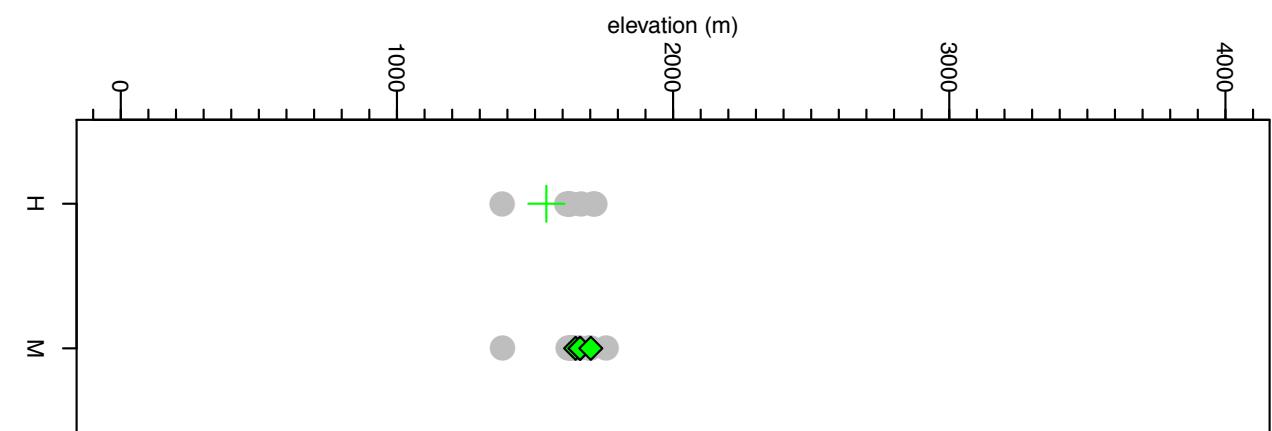
Yosemite – West Slope



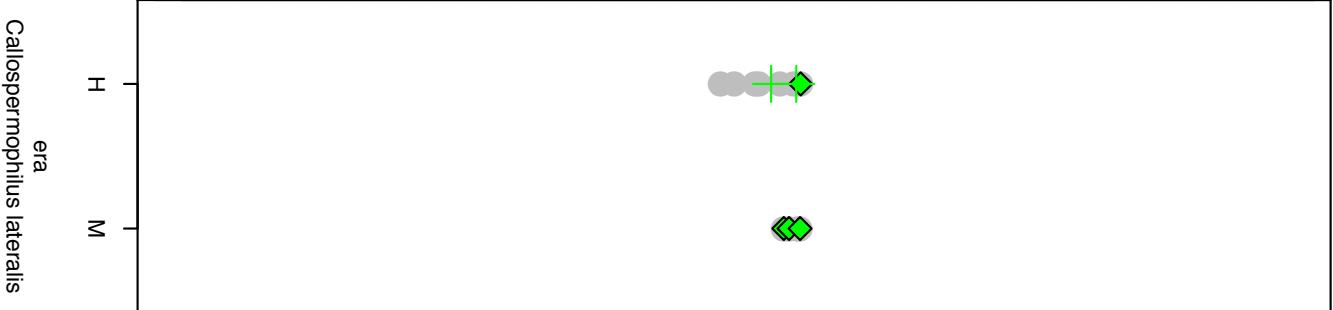
Sequoia – West Slope



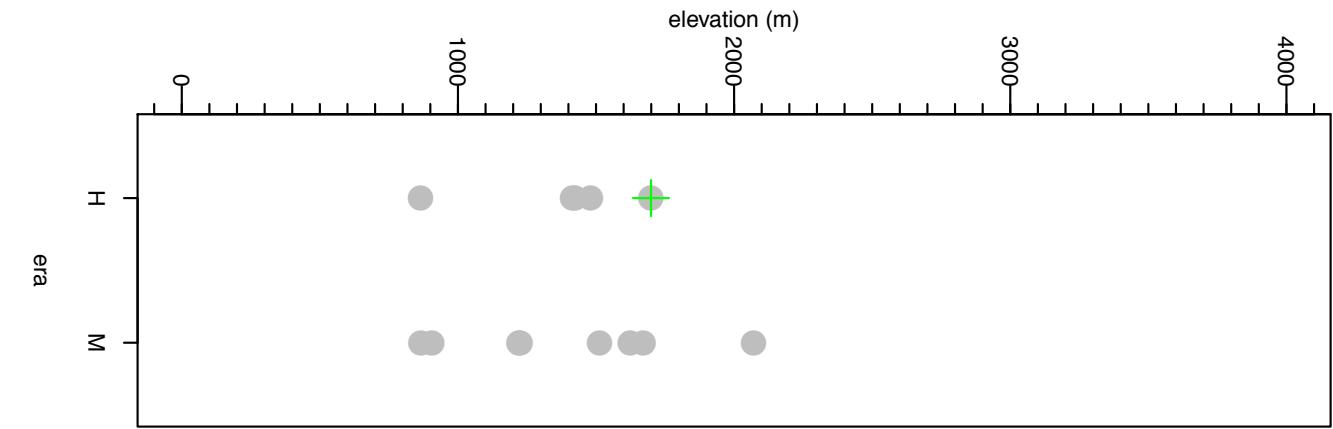
Lassen – East Slope



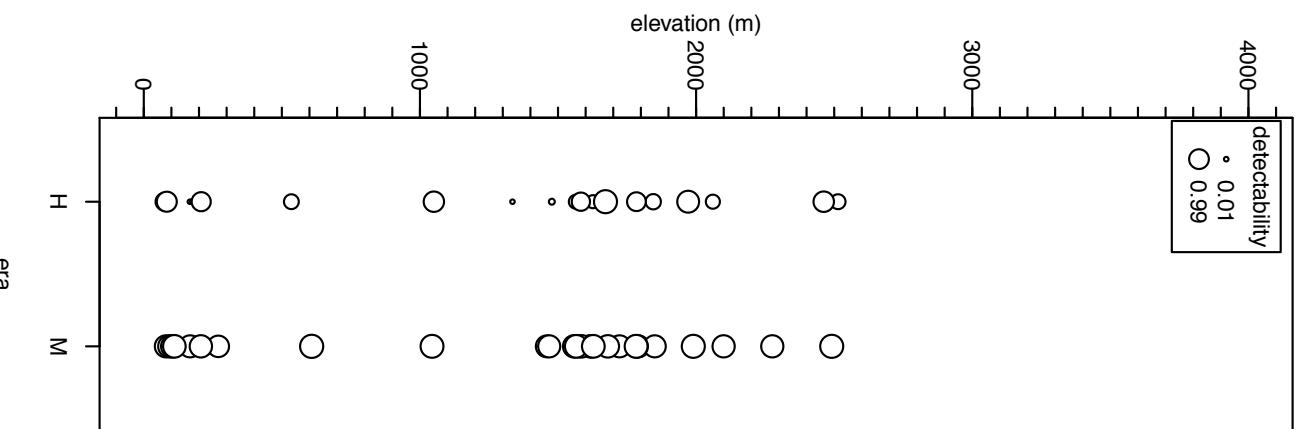
Yosemite – East Slope



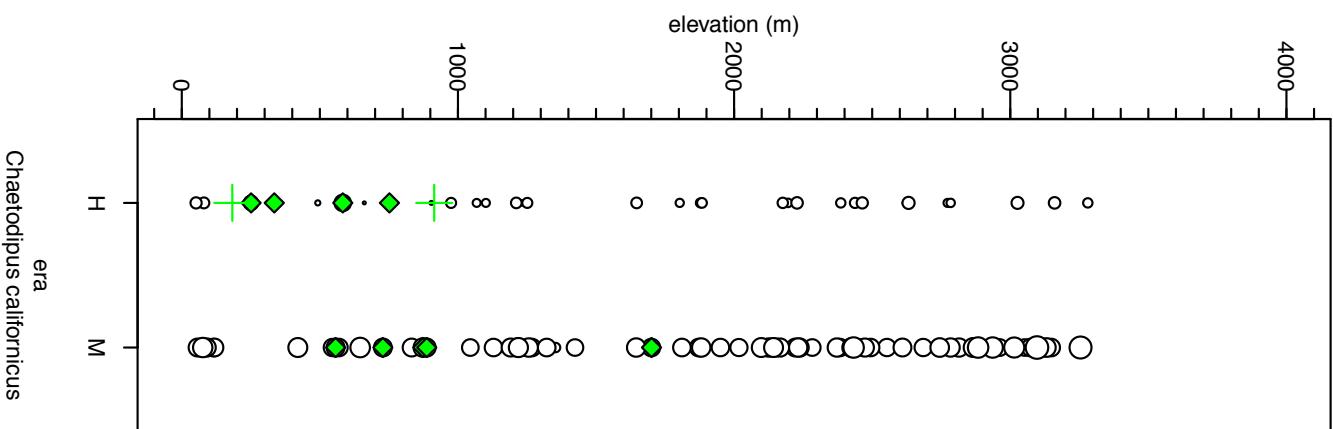
Sequoia – East Slope



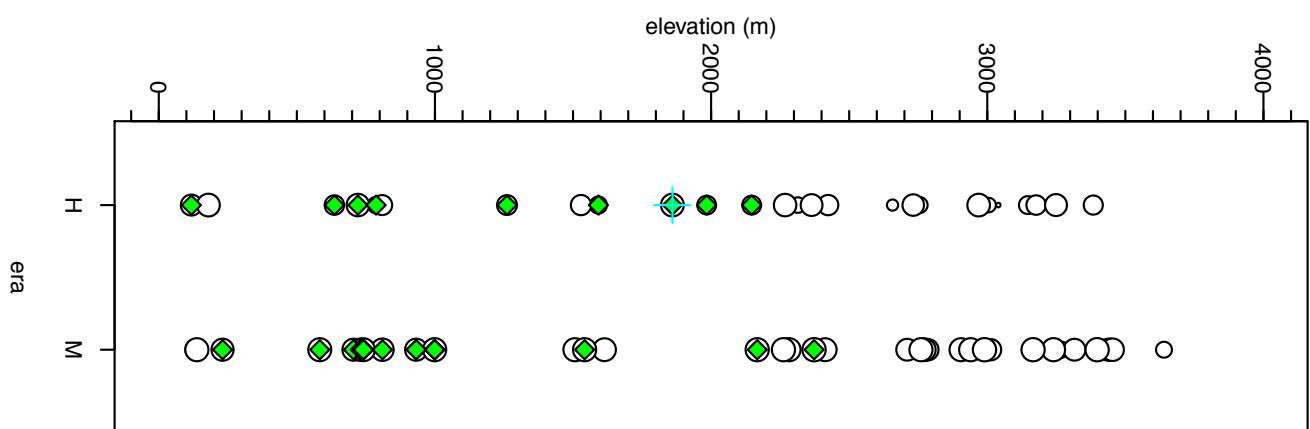
Lassen – West Slope



Yosemite – West Slope

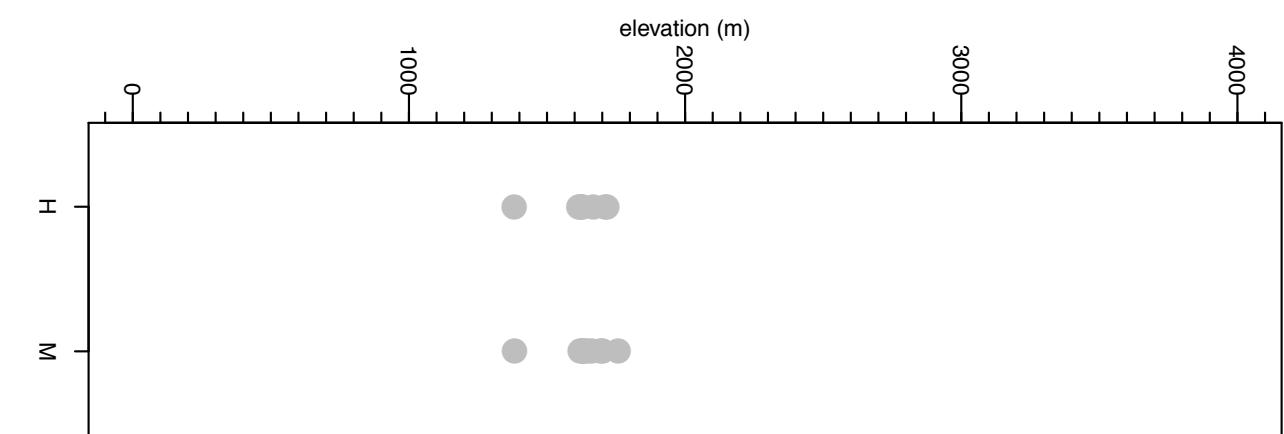


Sequoia – West Slope



*Chaetodipus californicus*

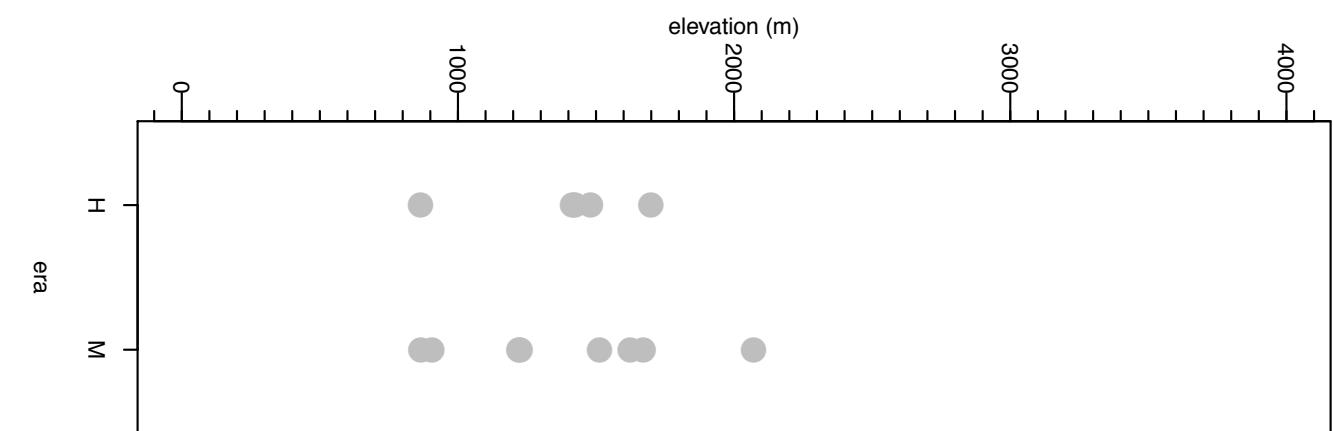
Lassen – East Slope



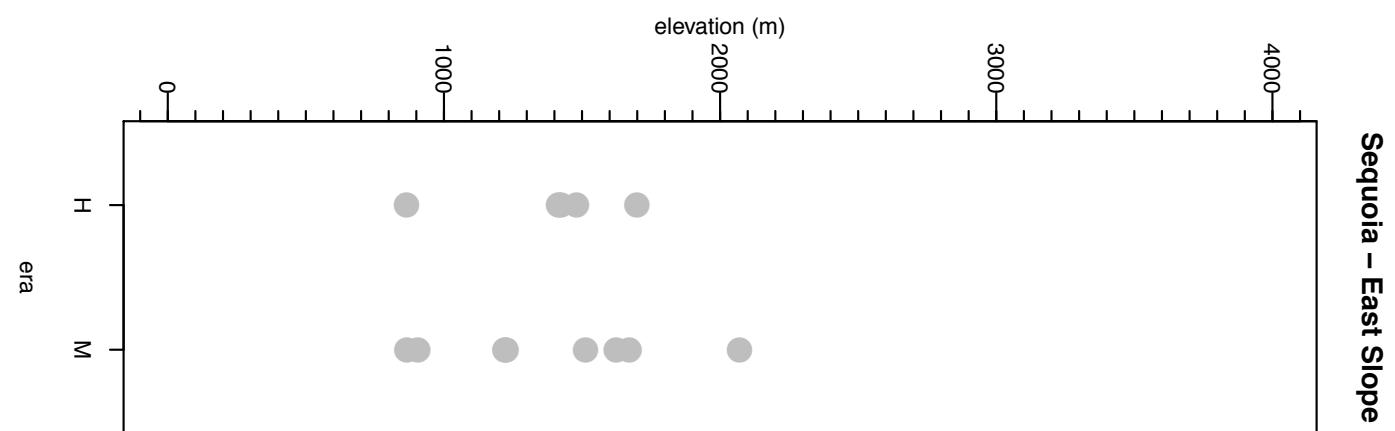
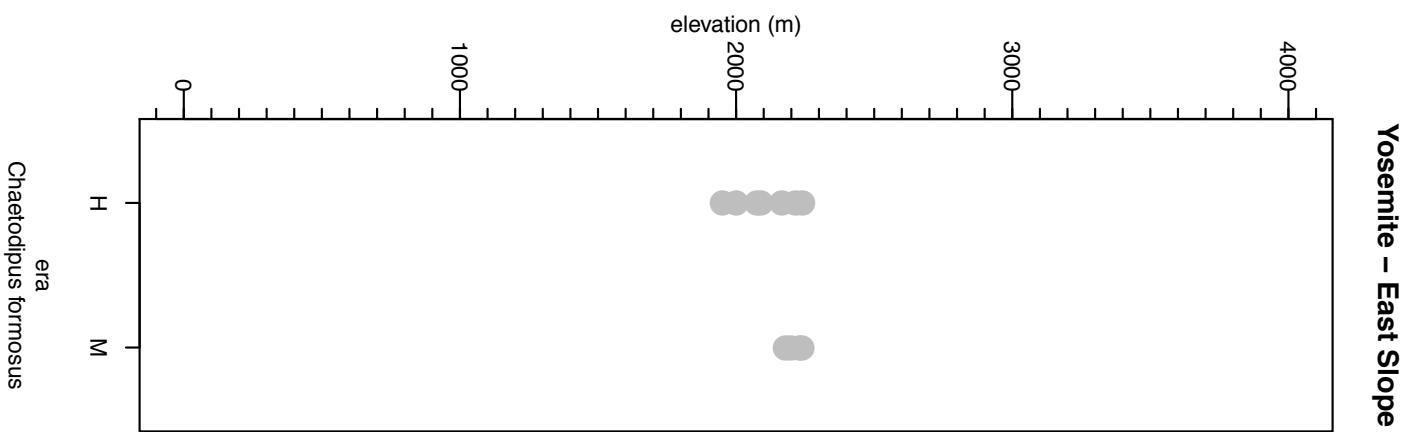
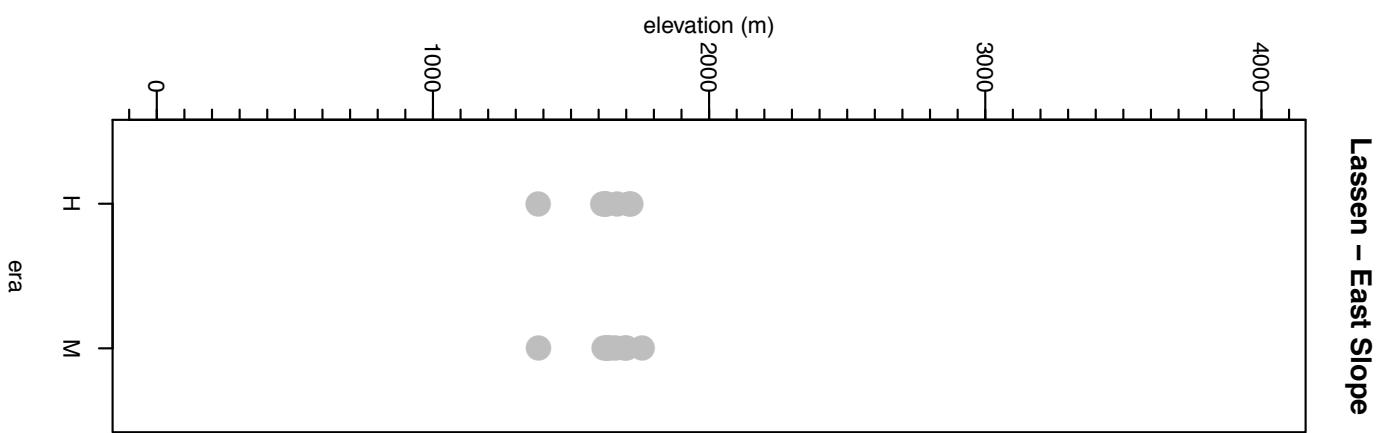
Yosemite – East Slope



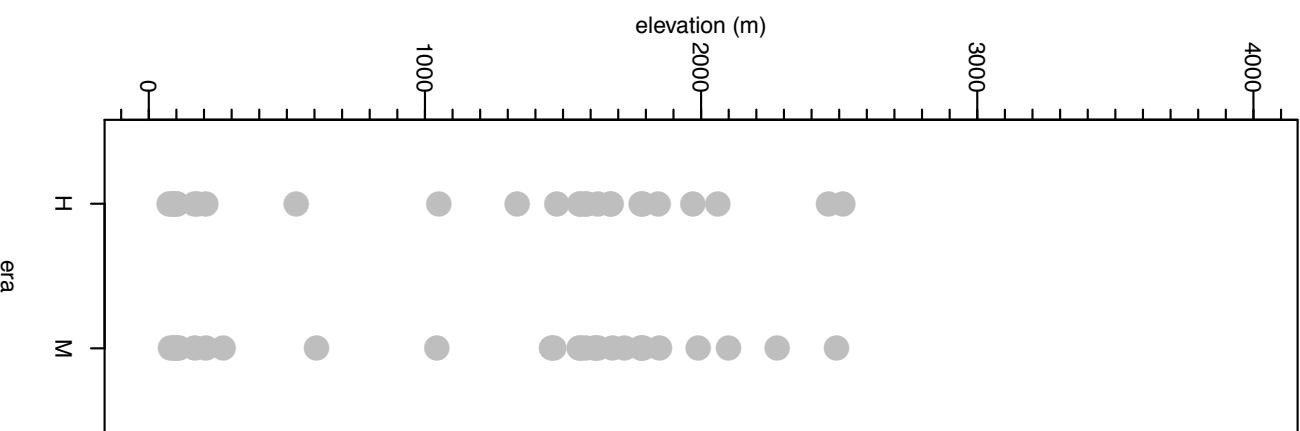
Sequoia – East Slope



*Chaetodipus californicus*



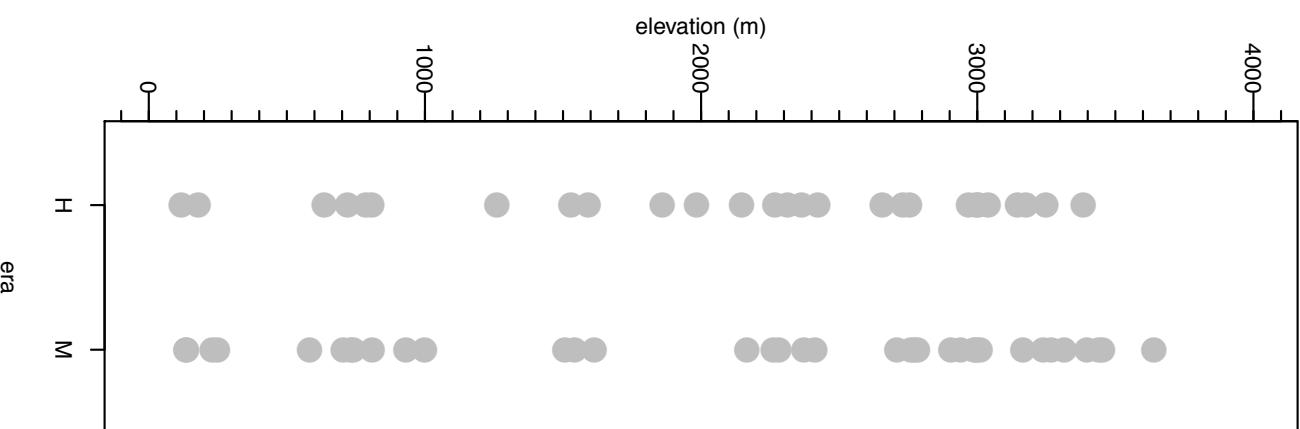
Lassen – West Slope



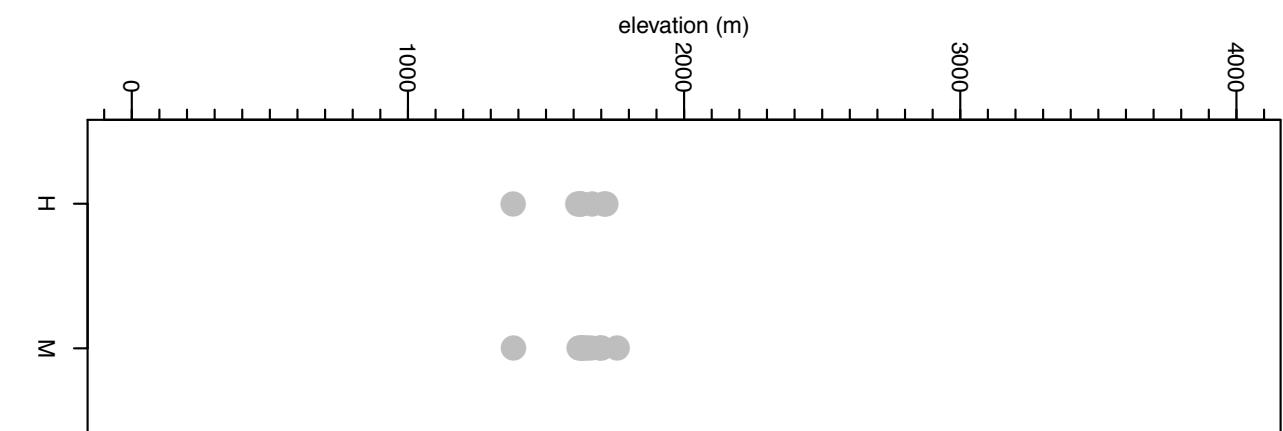
Yosemite – West Slope



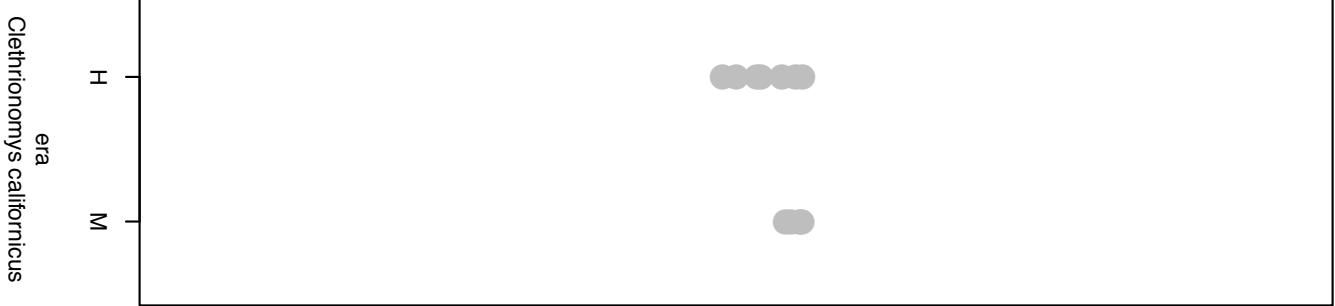
Sequoia – West Slope



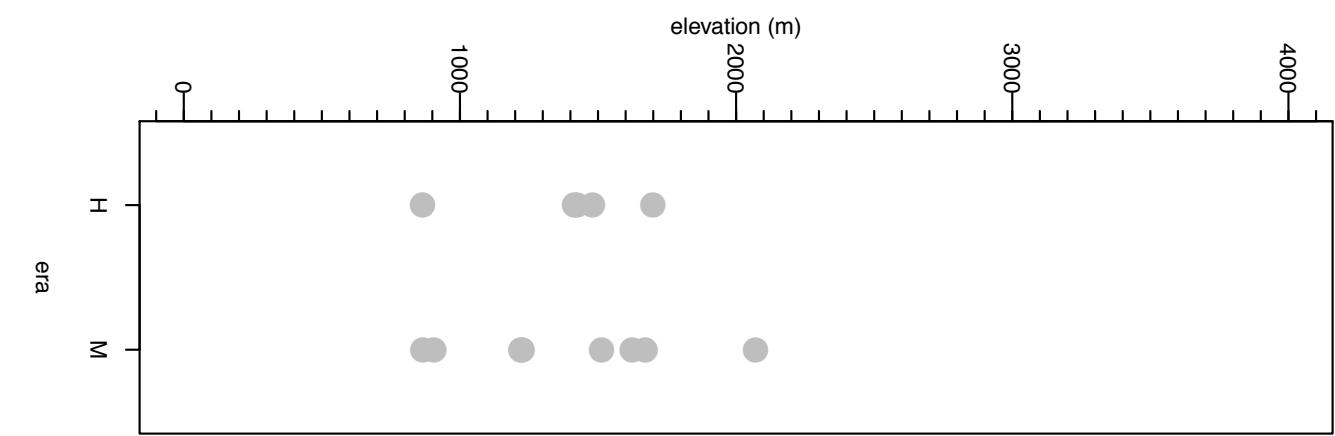
Lassen – East Slope



Yosemite – East Slope



Sequoia – East Slope



Clethrionomys californicus

era

era

era

era

elevation (m)

1000

2000

3000

4000

elevation (m)

1000

2000

3000

4000

elevation (m)

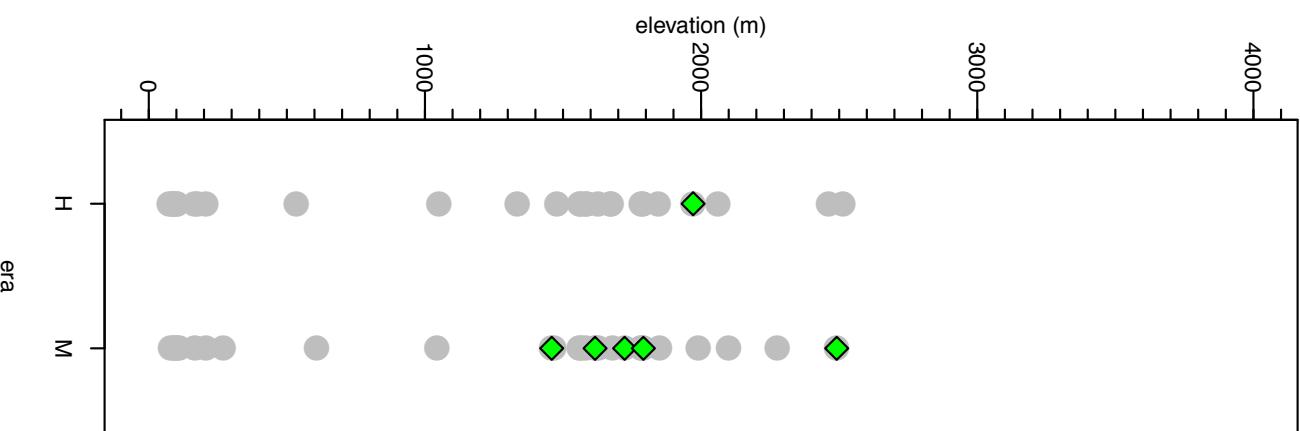
1000

2000

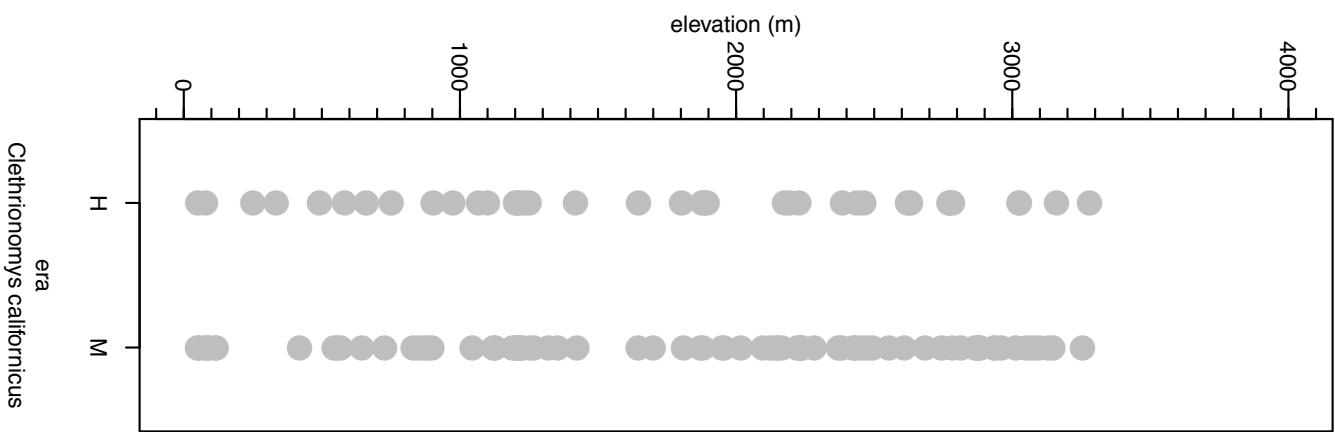
3000

4000

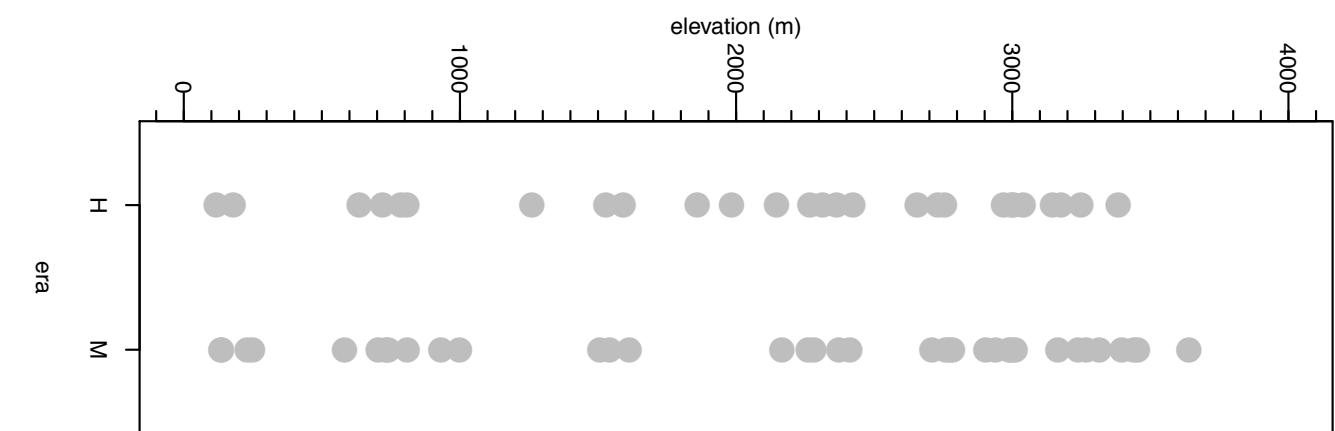
Lassen – West Slope



Yosemite – West Slope

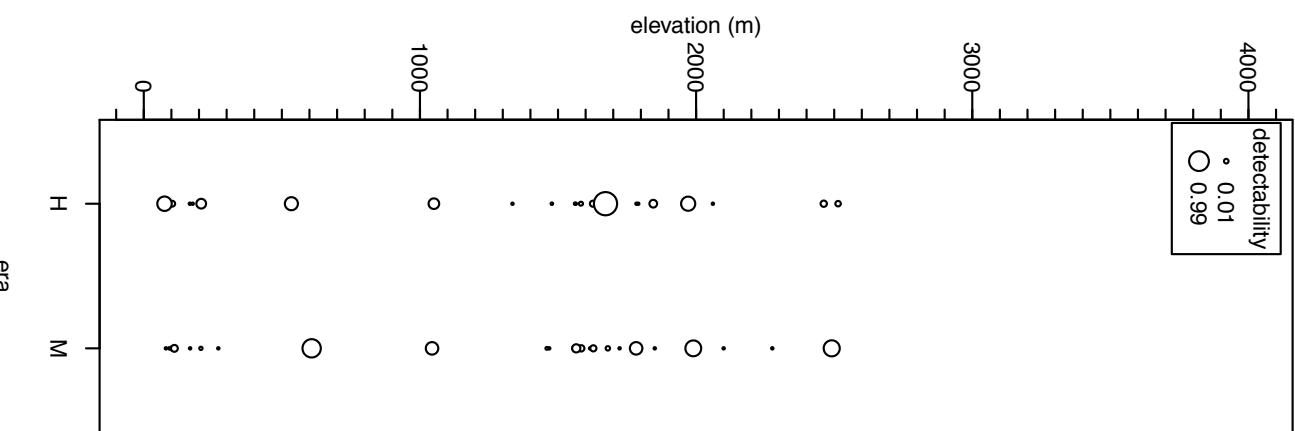


Sequoia – West Slope

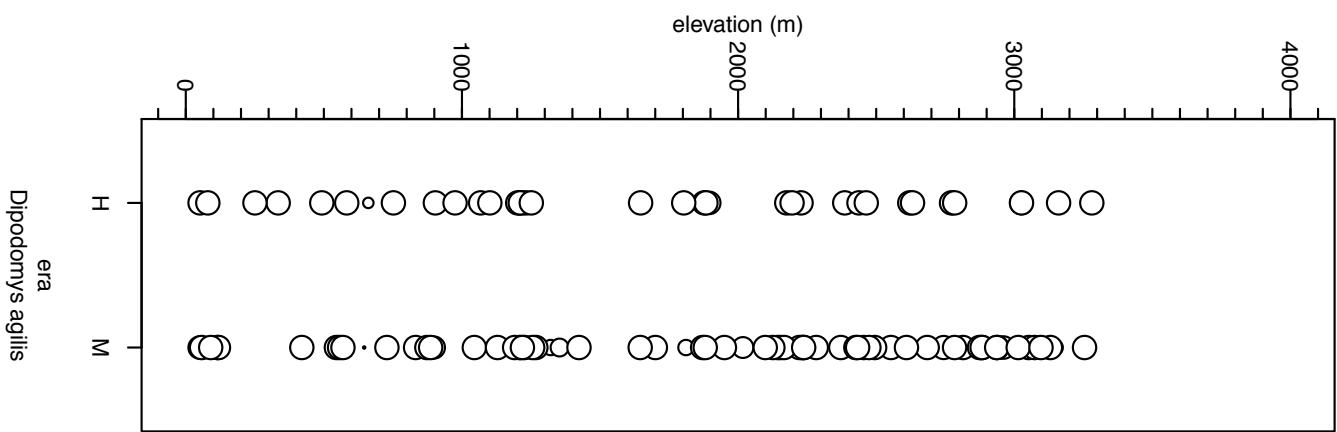


Clethrionomys californicus

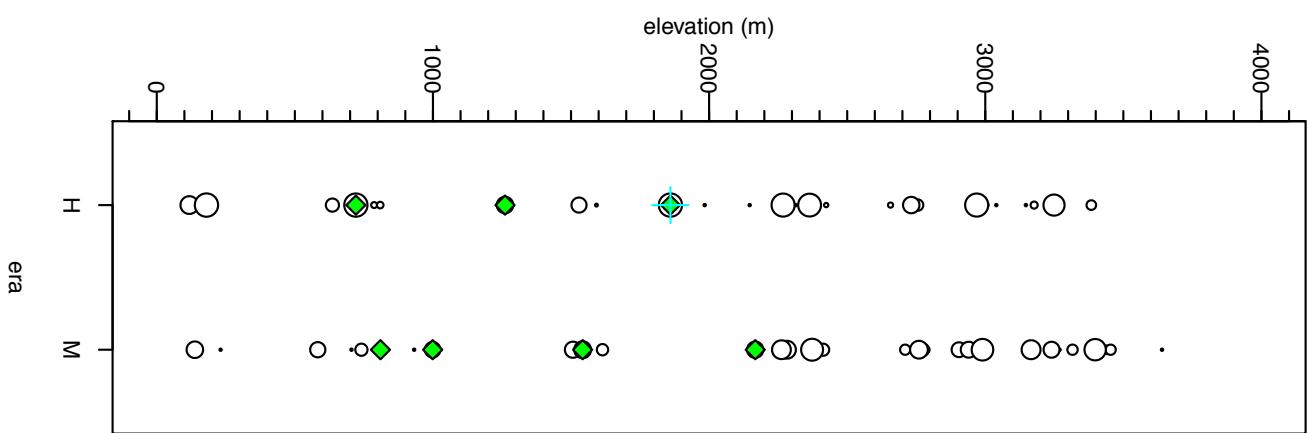
Lassen – West Slope



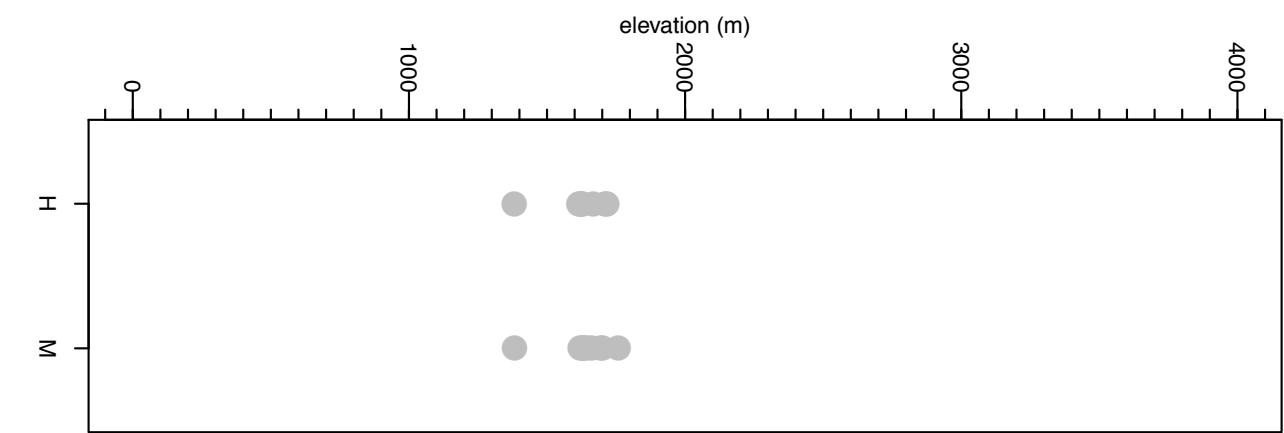
Yosemite – West Slope



Sequoia – West Slope



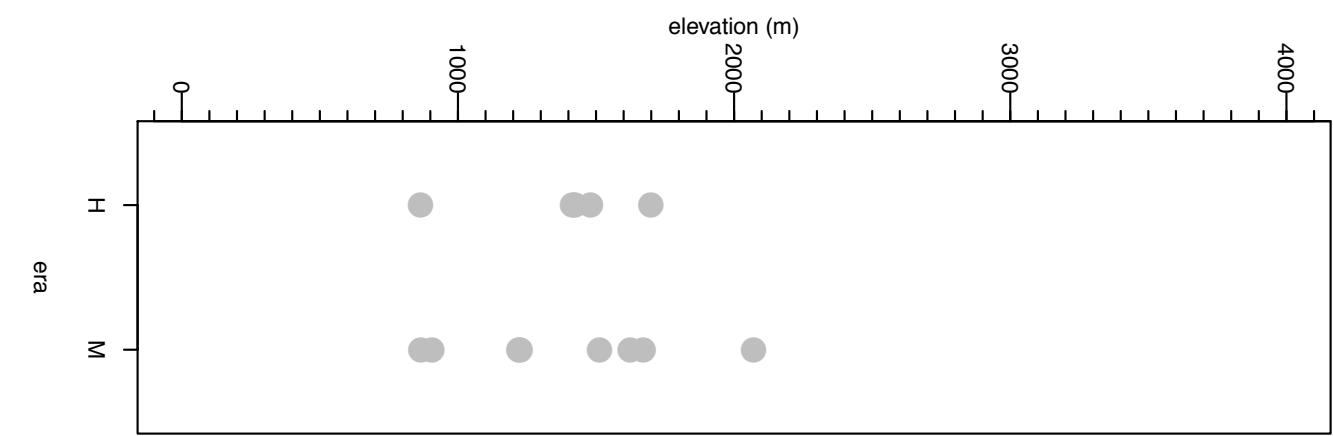
Lassen – East Slope



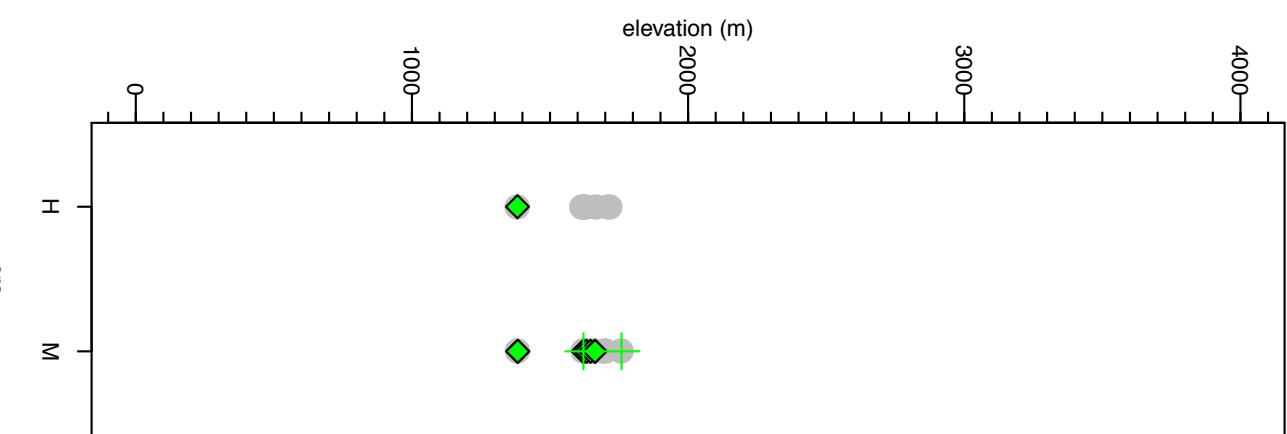
Yosemite – East Slope



Sequoia – East Slope



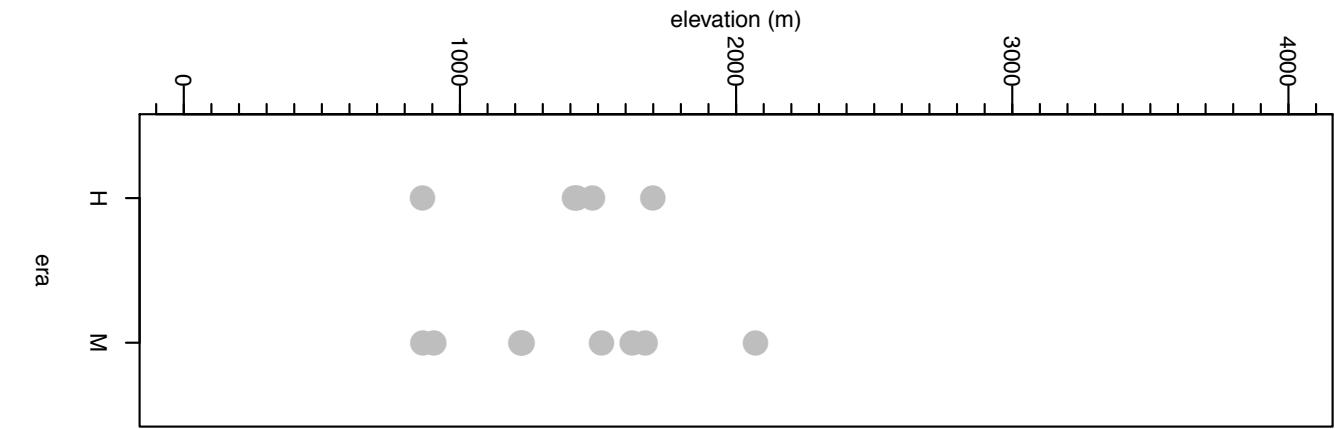
Lassen – East Slope



Yosemite – East Slope



Sequoia – East Slope



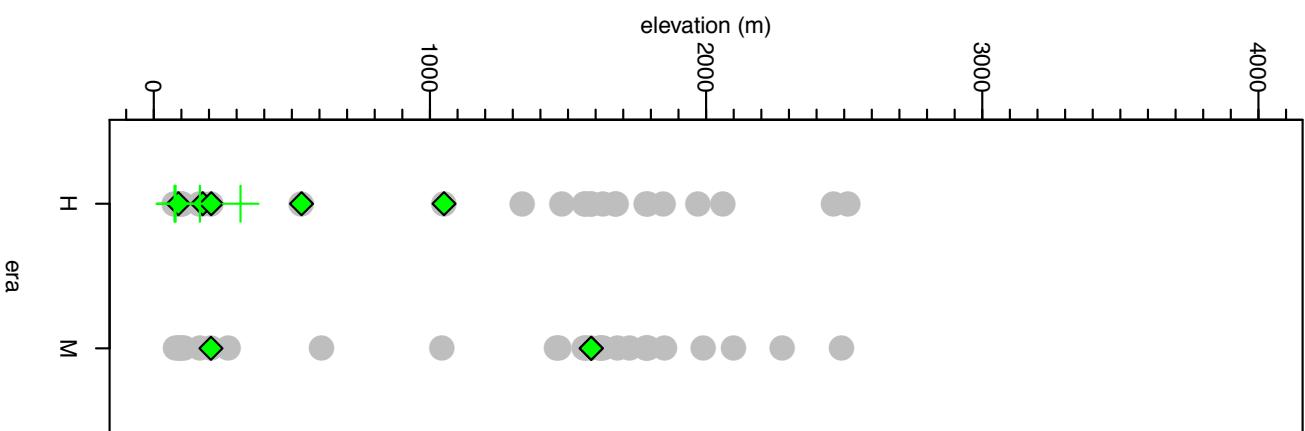
Dipodomys californicus

era

era

era

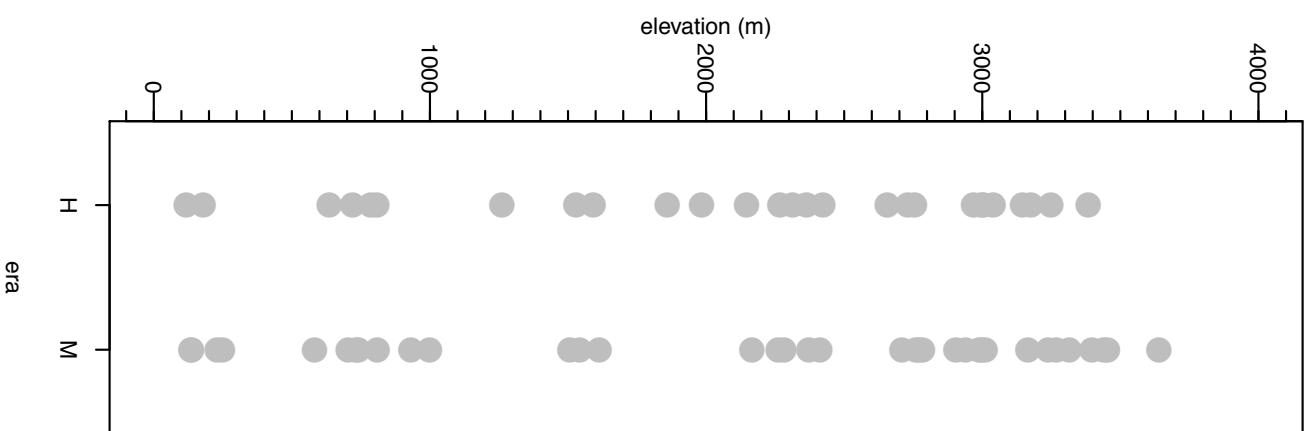
Lassen – West Slope



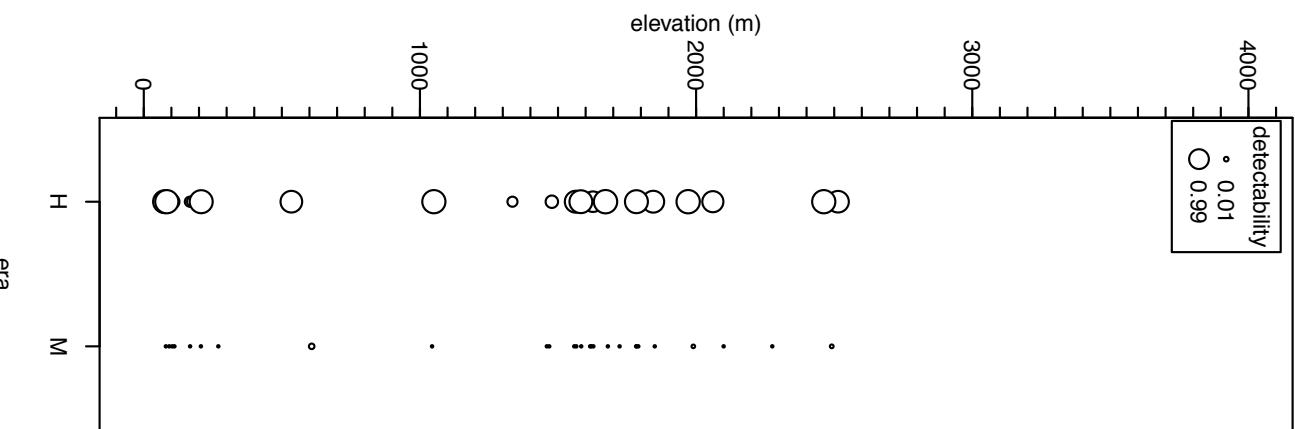
Yosemite – West Slope



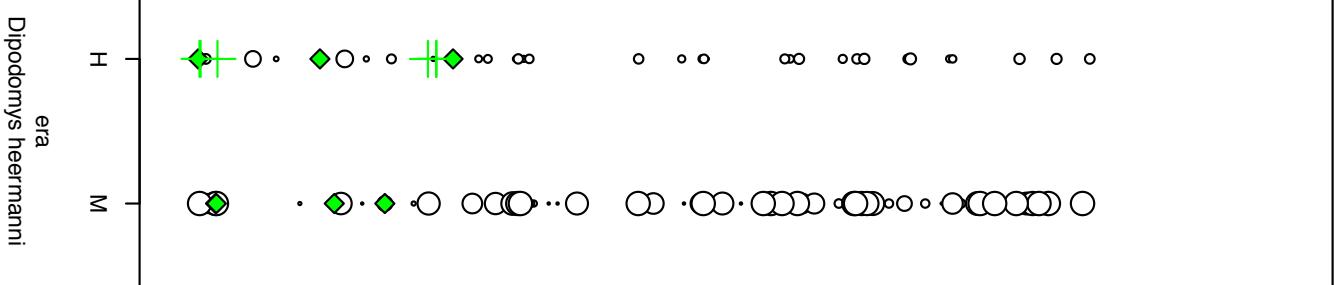
Sequoia – West Slope



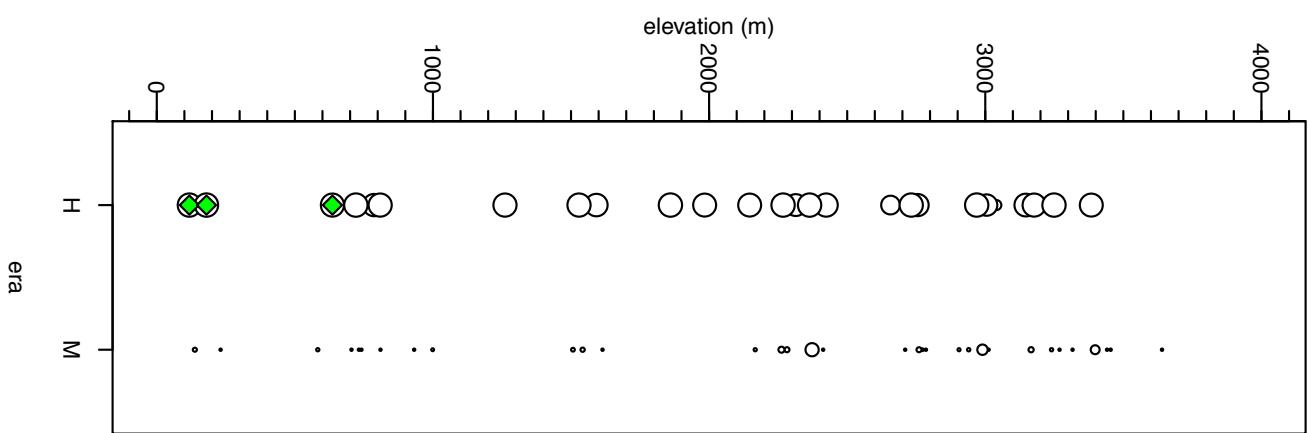
Lassen – West Slope



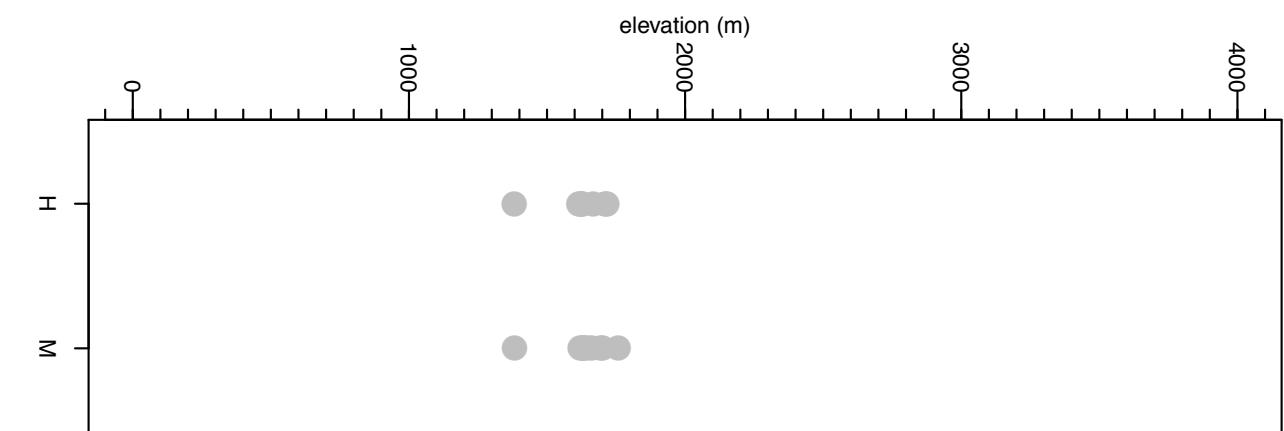
Yosemite – West Slope



Sequoia – West Slope



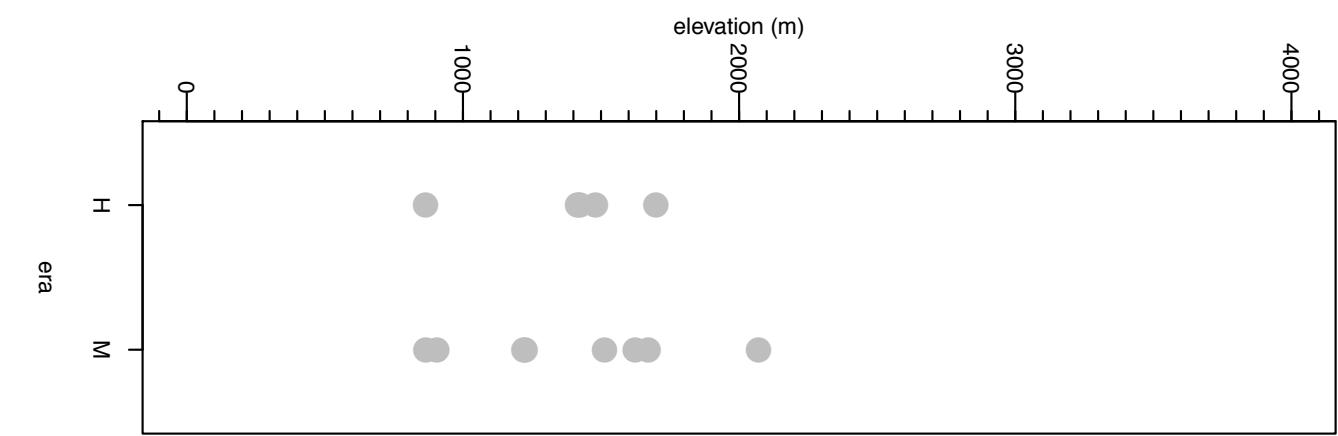
Lassen – East Slope



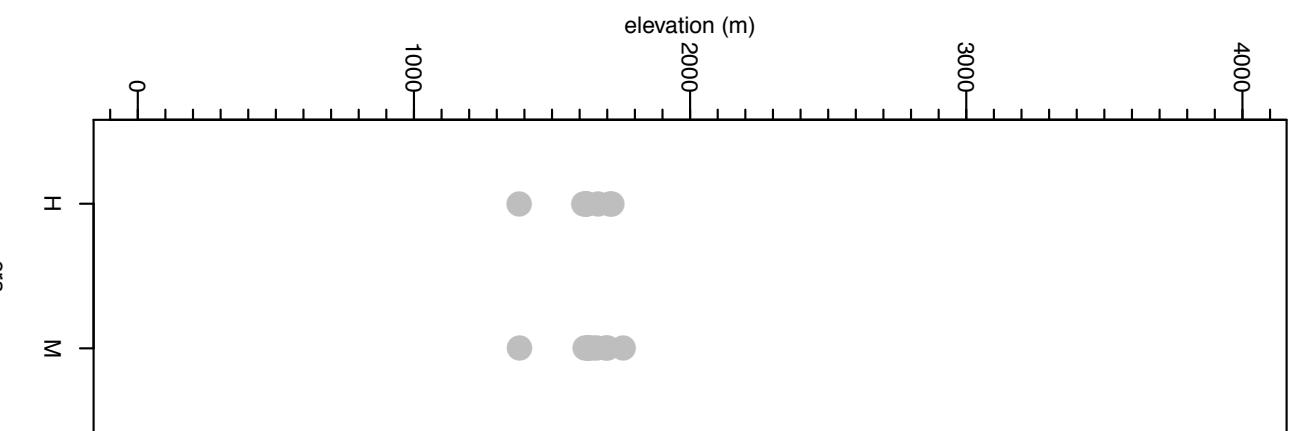
Yosemite – East Slope



Sequoia – East Slope



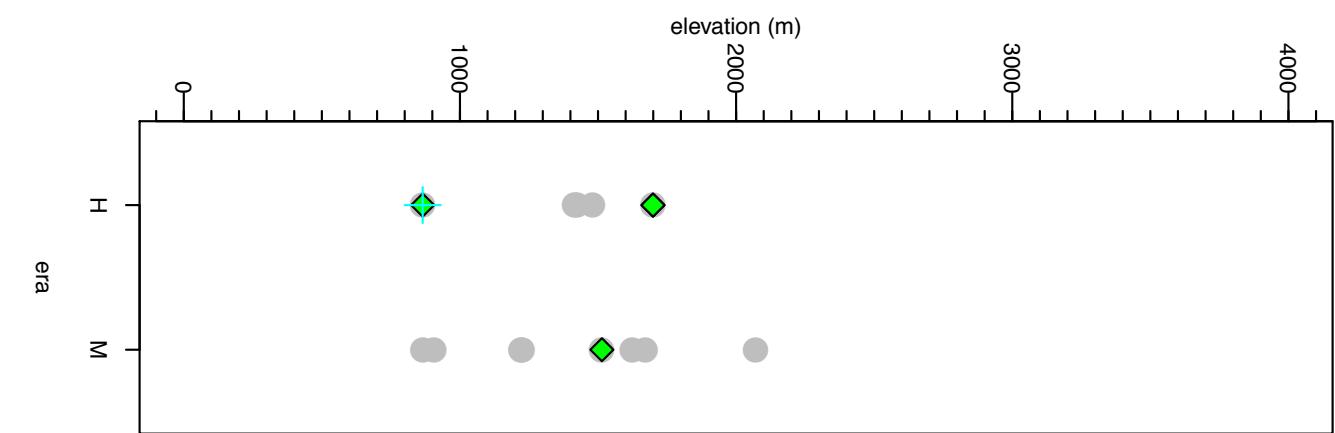
Lassen – East Slope



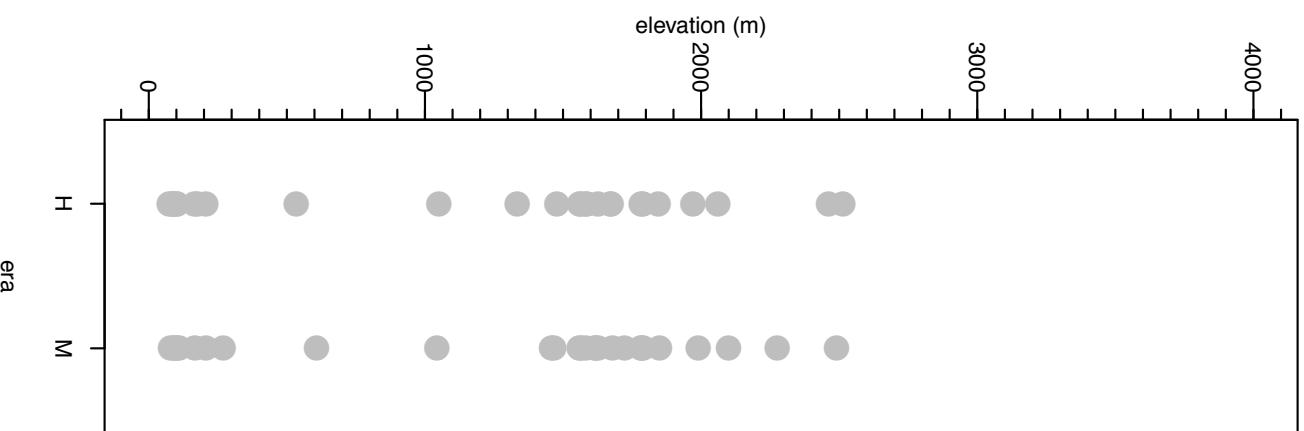
Yosemite – East Slope



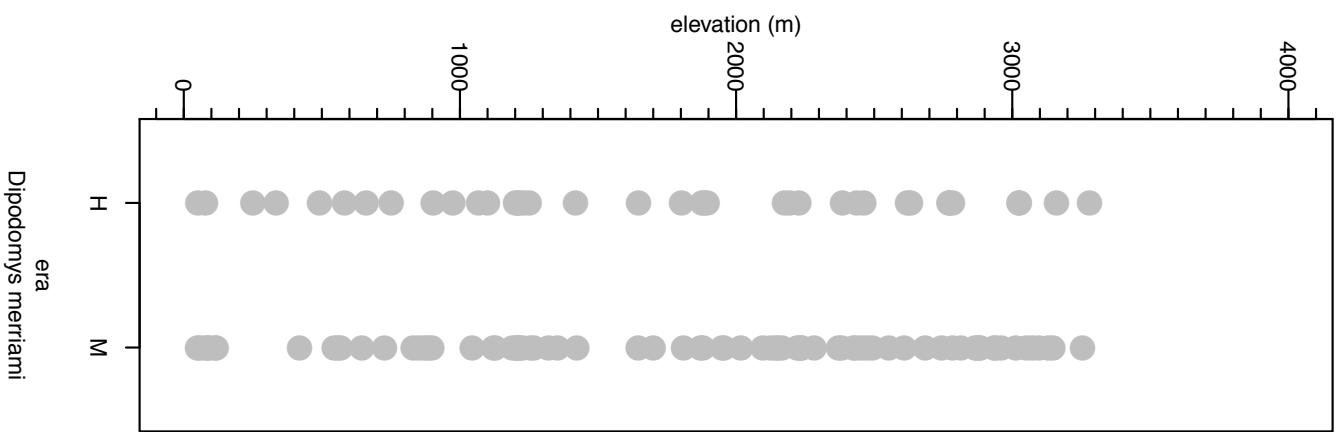
Sequoia – East Slope



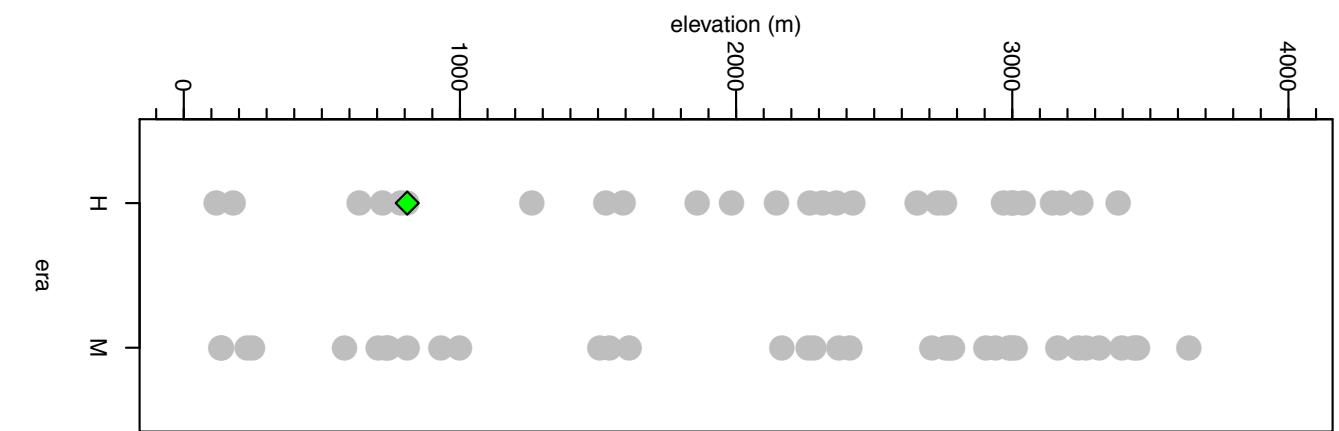
Lassen – West Slope



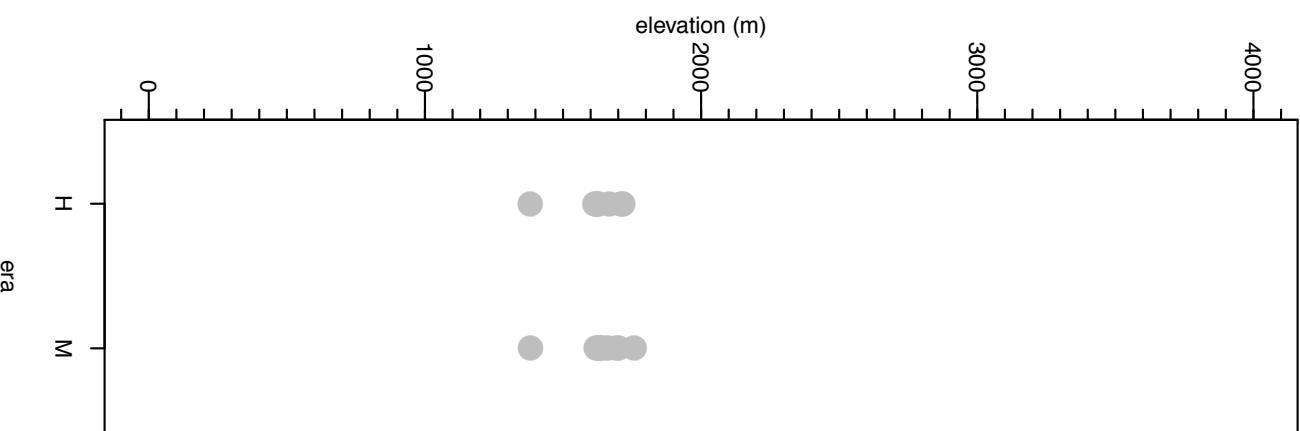
Yosemite – West Slope



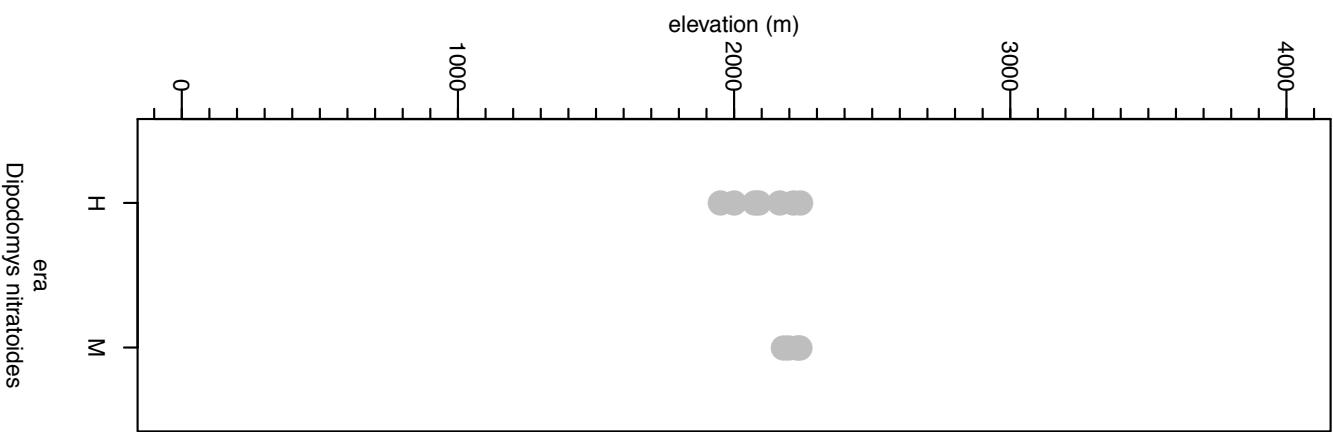
Sequoia – West Slope



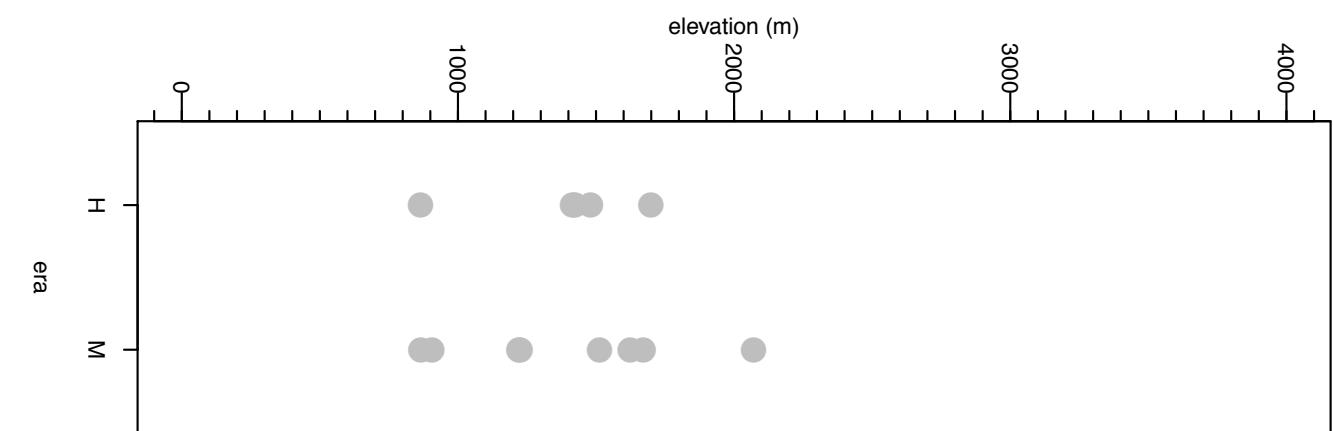
Lassen – East Slope



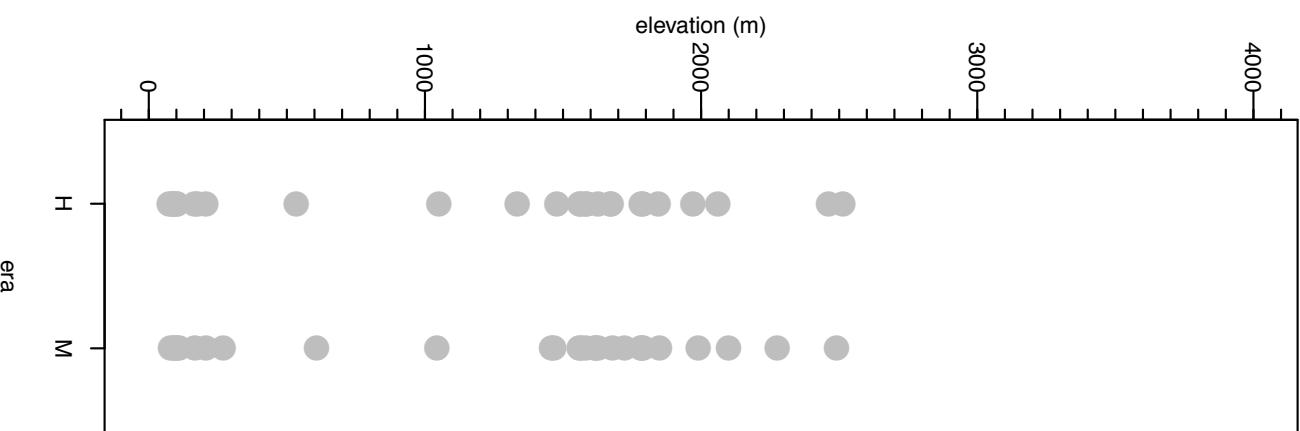
Yosemite – East Slope



Sequoia – East Slope



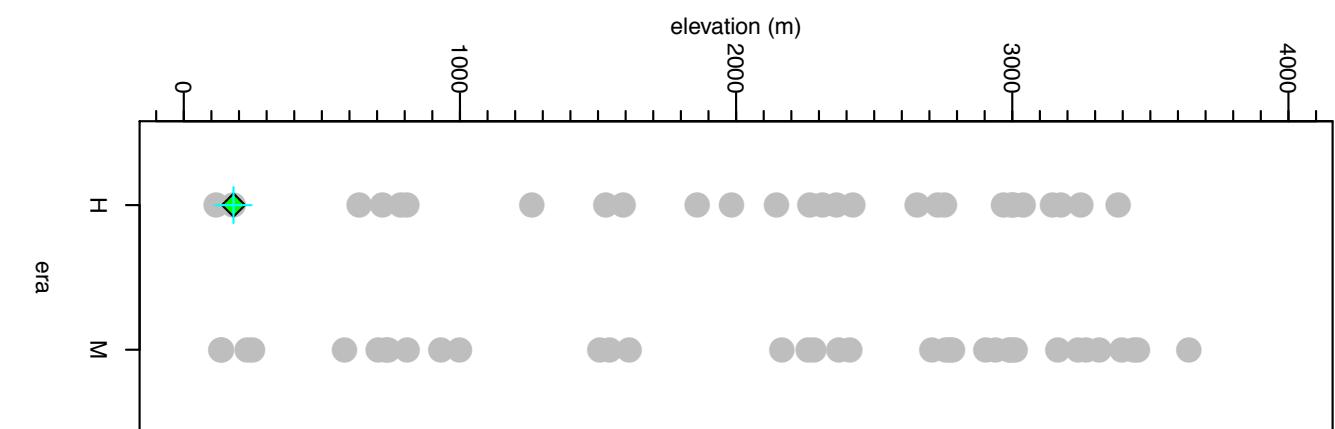
Lassen – West Slope

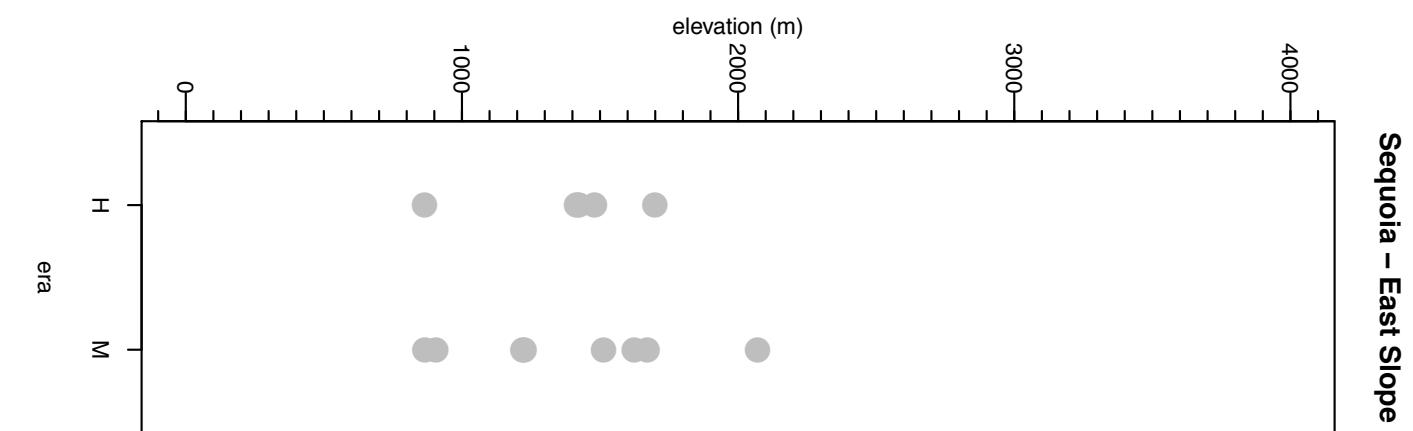
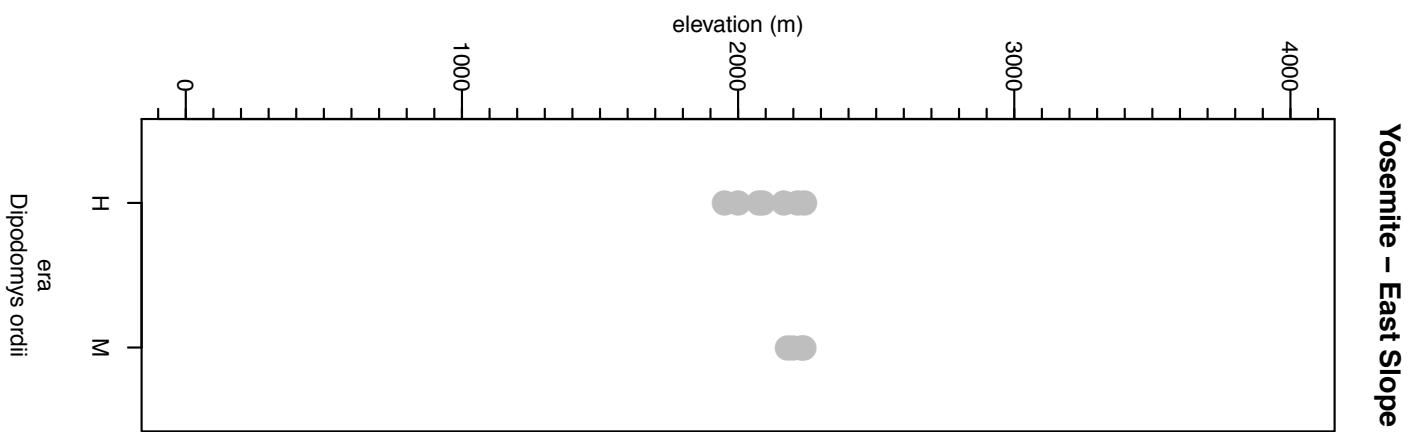
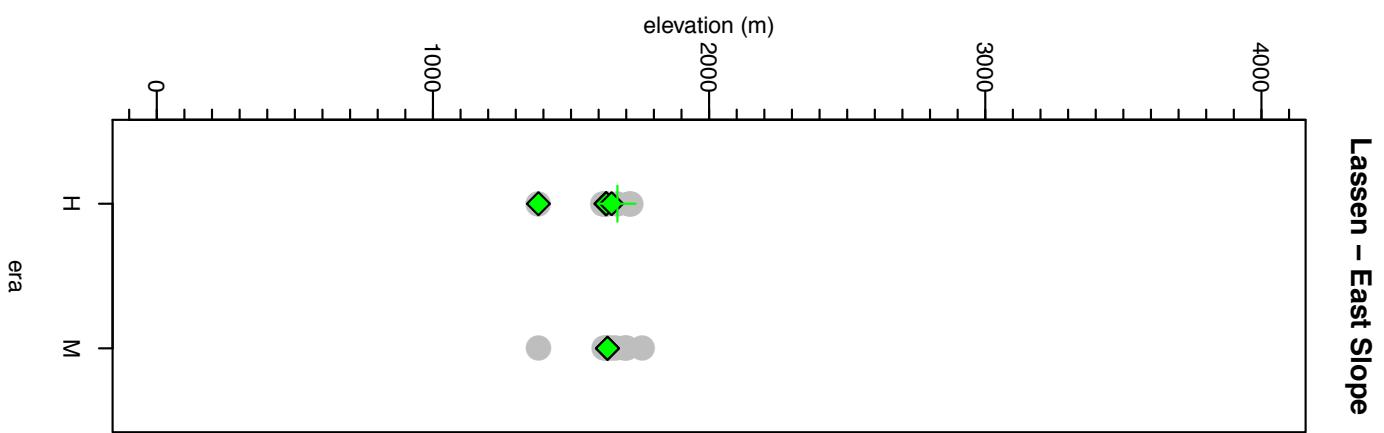


Yosemite – West Slope

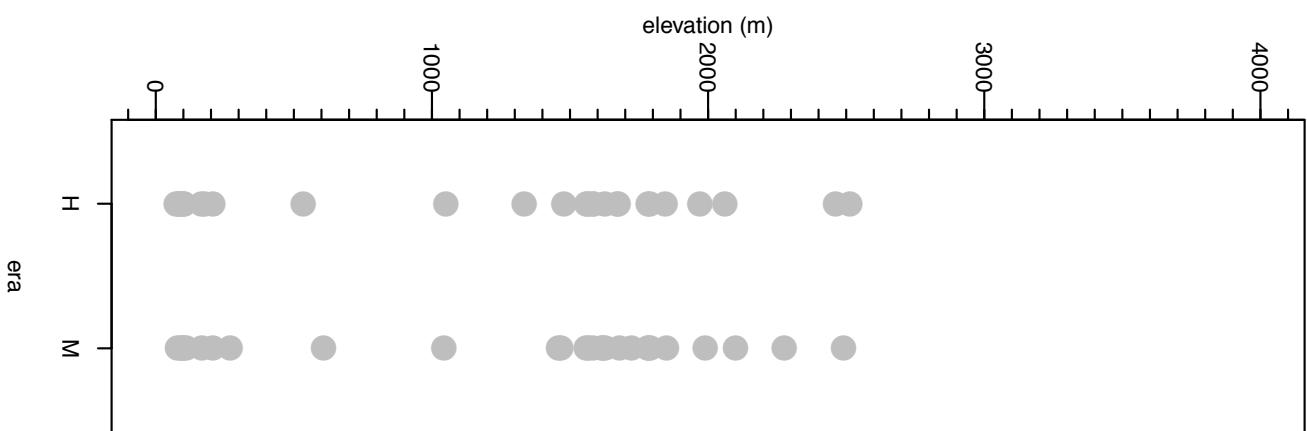


Sequoia – West Slope

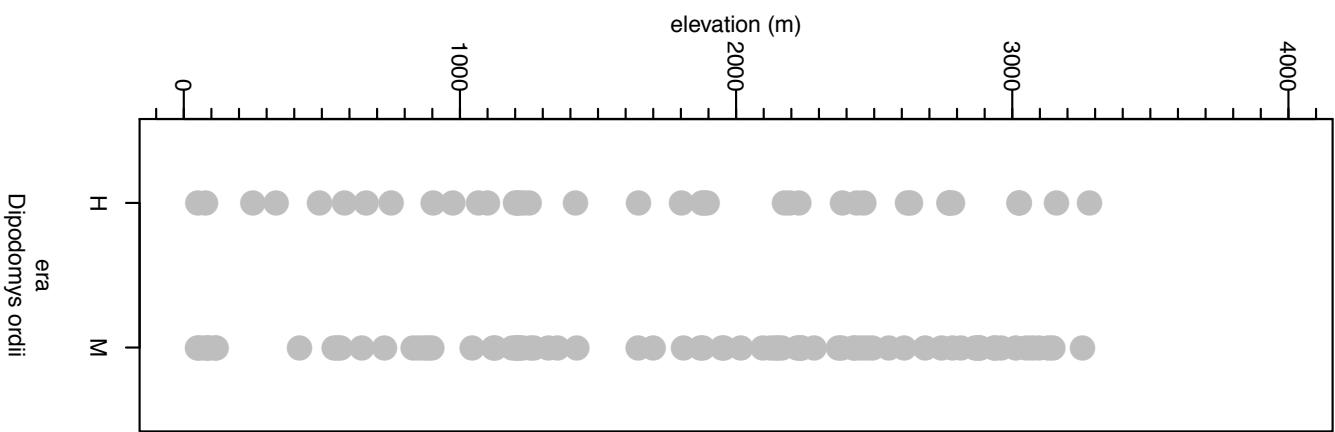




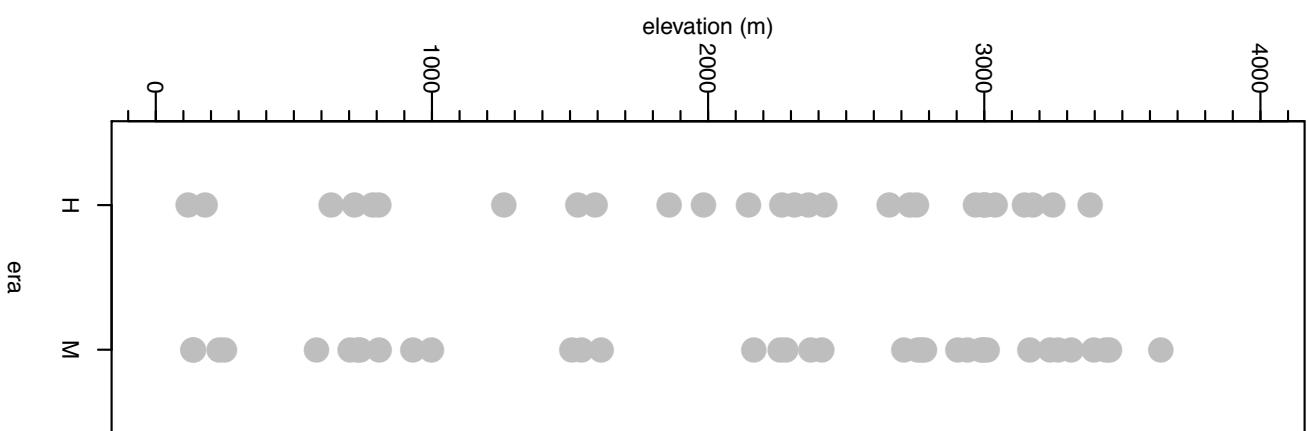
Lassen – West Slope



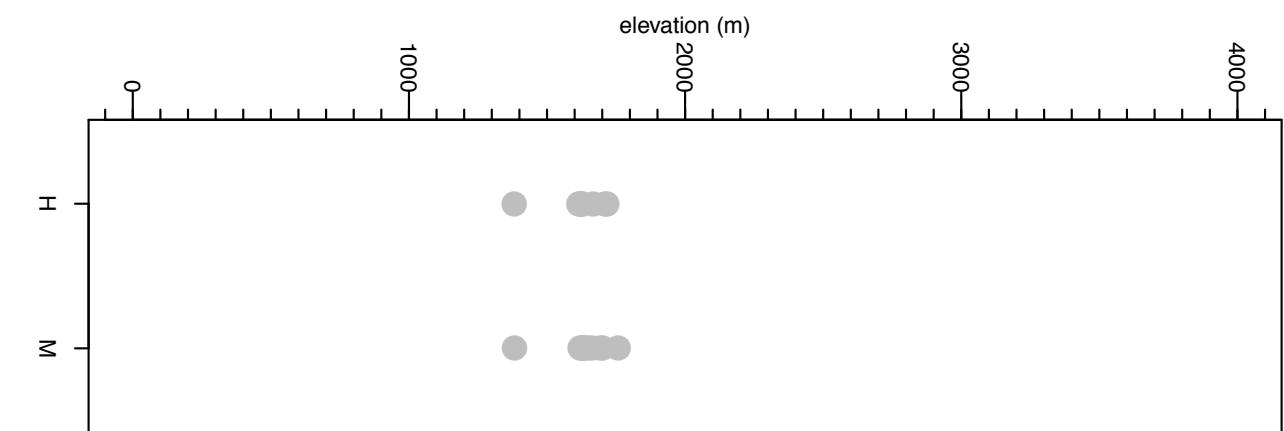
Yosemite – West Slope



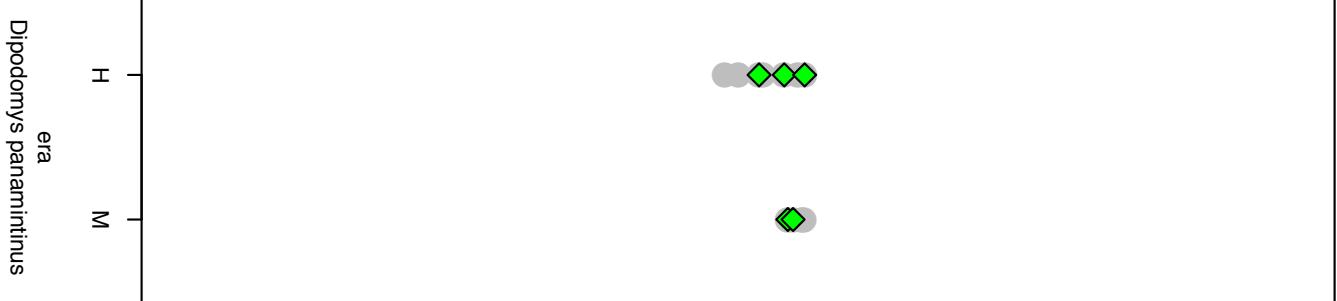
Sequoia – West Slope



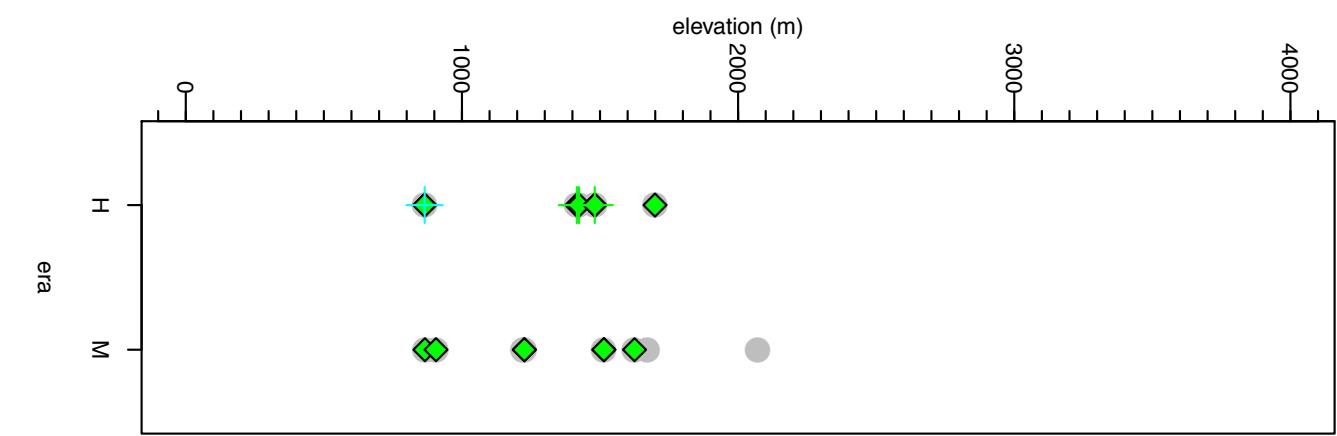
Lassen – East Slope



Yosemite – East Slope

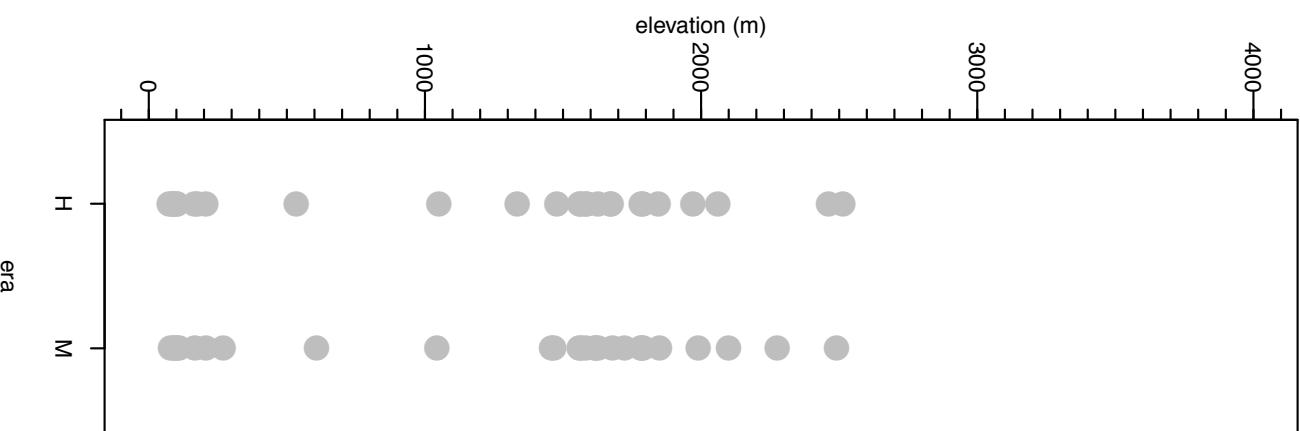


Sequoia – East Slope

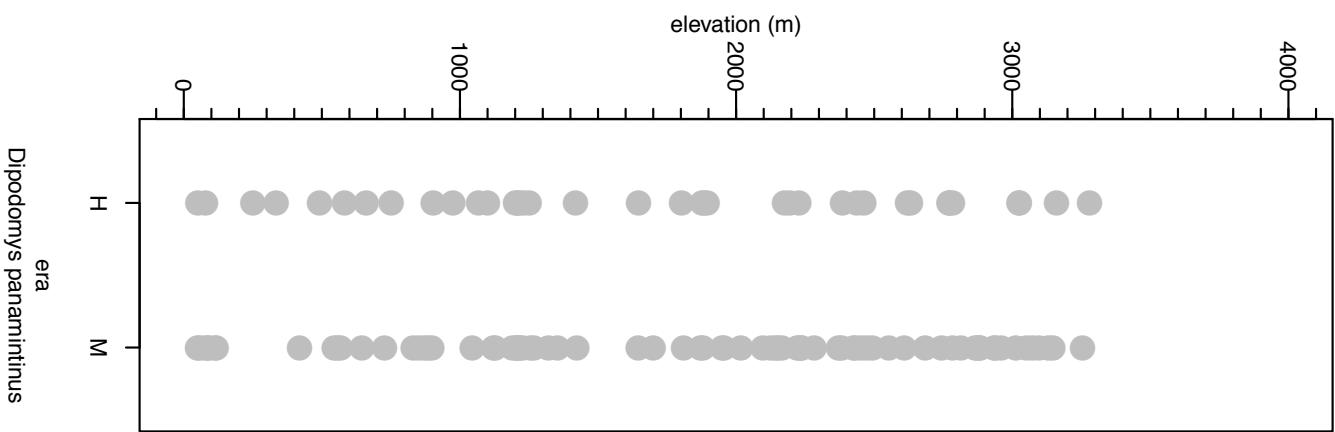


Dipodomys panamintinus

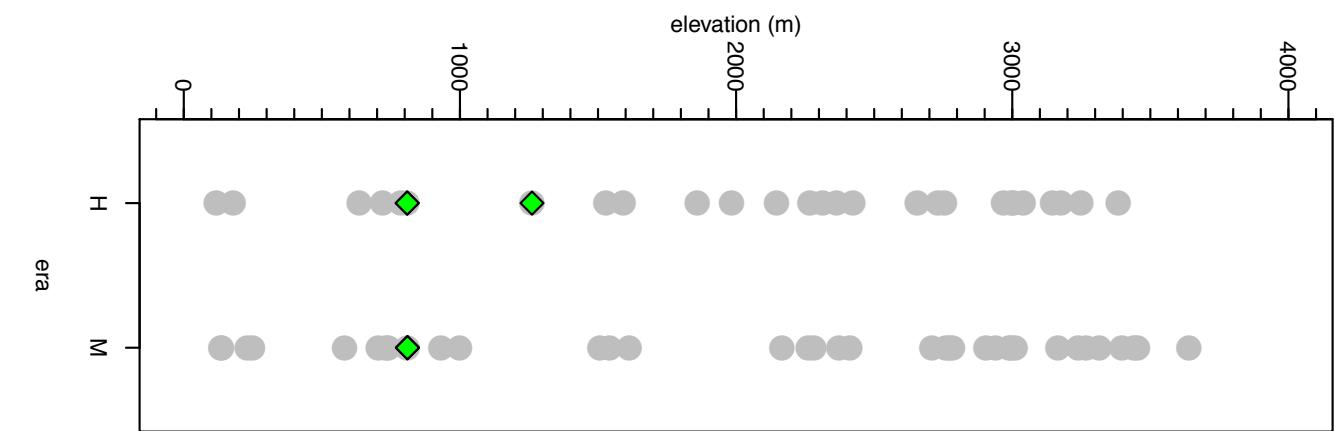
Lassen – West Slope



Yosemite – West Slope

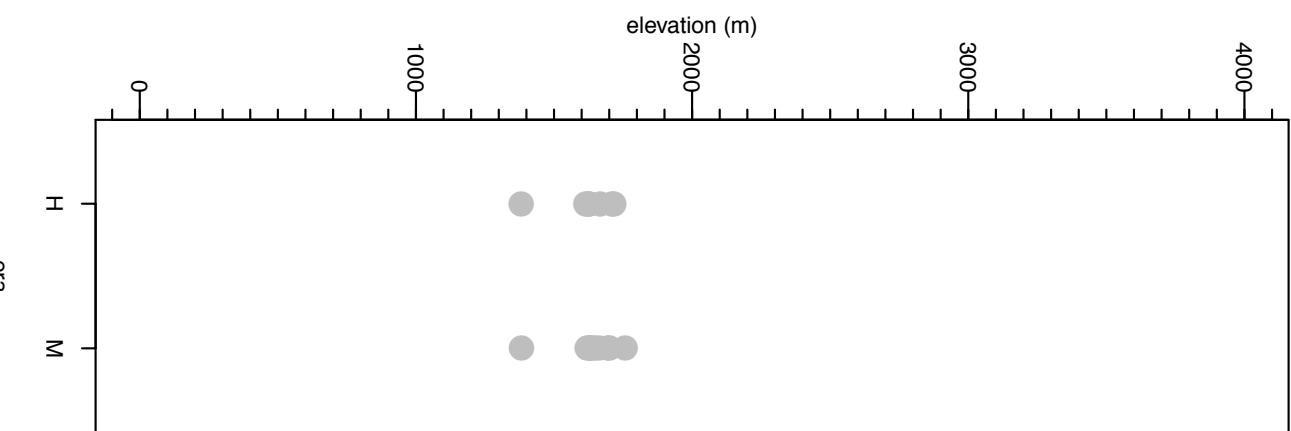


Sequoia – West Slope



Dipodomys panamintinus

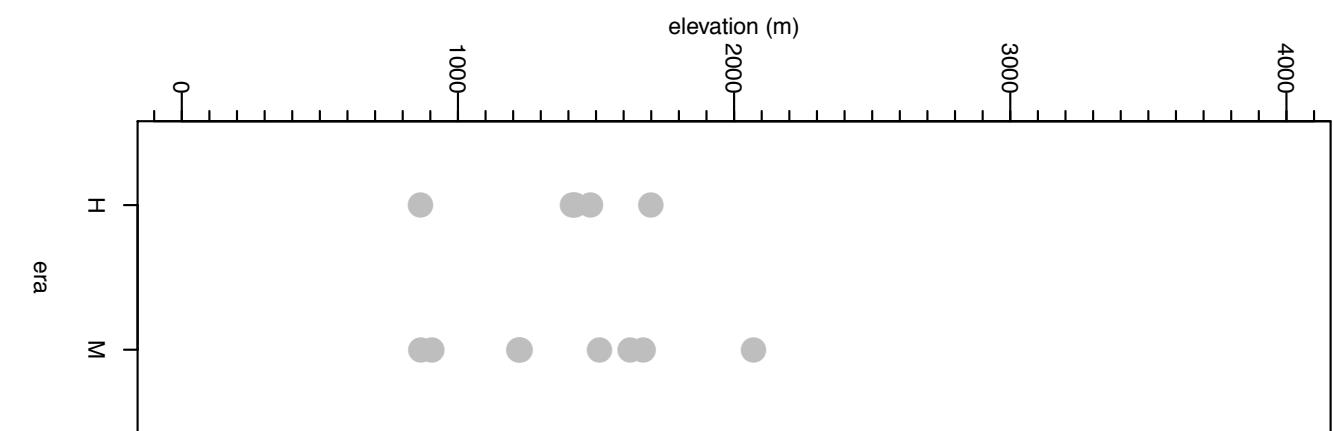
Lassen – East Slope



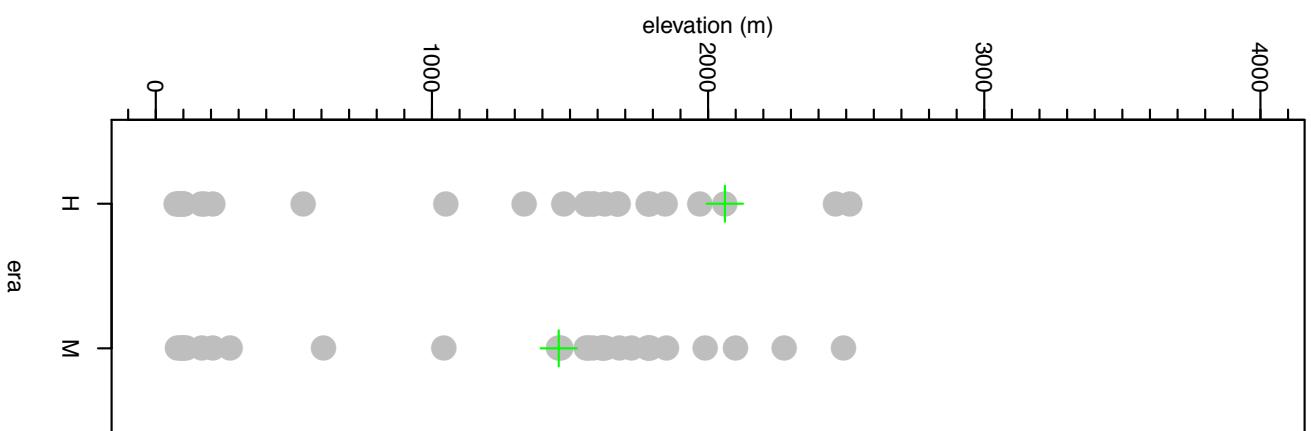
Yosemite – East Slope



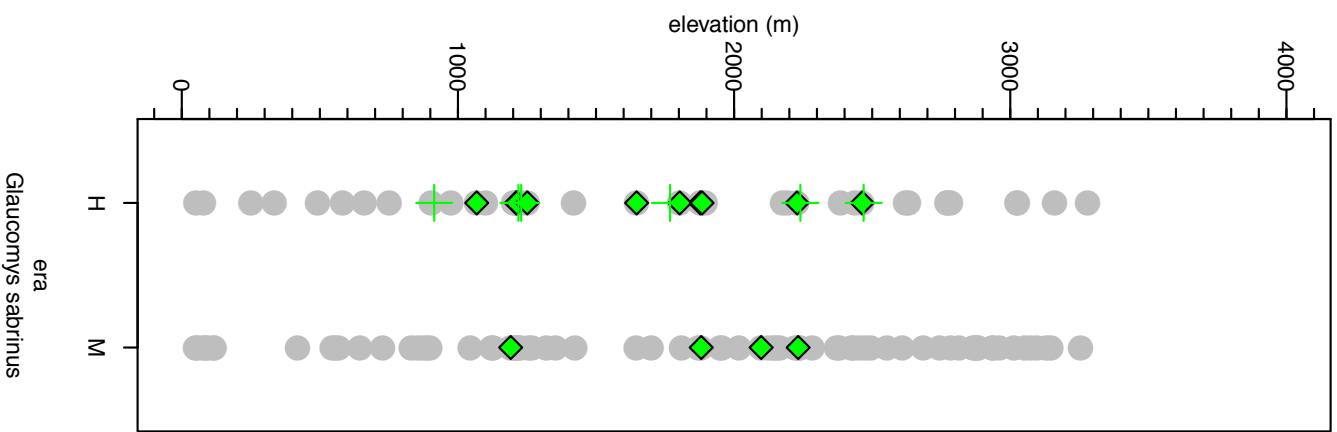
Sequoia – East Slope



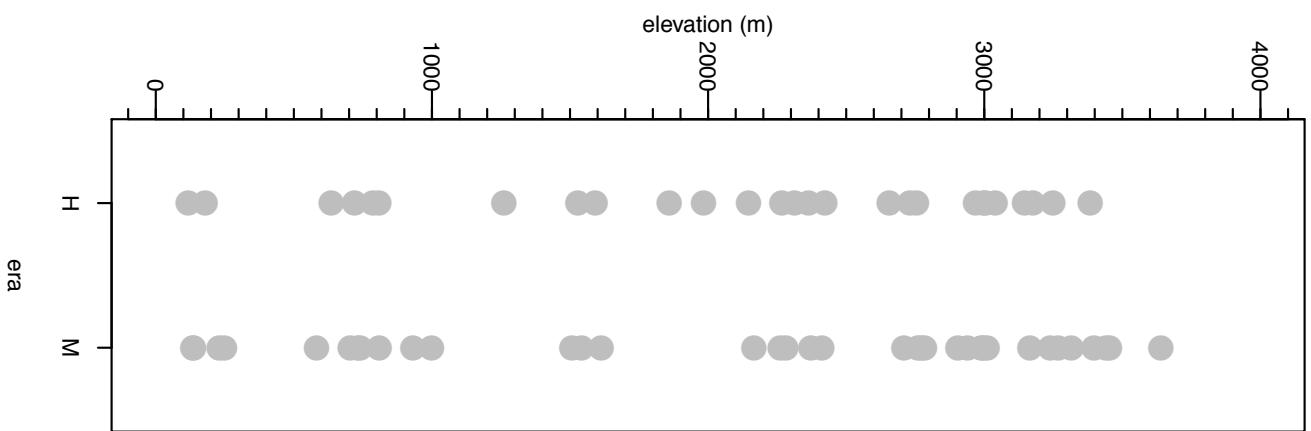
Lassen – West Slope



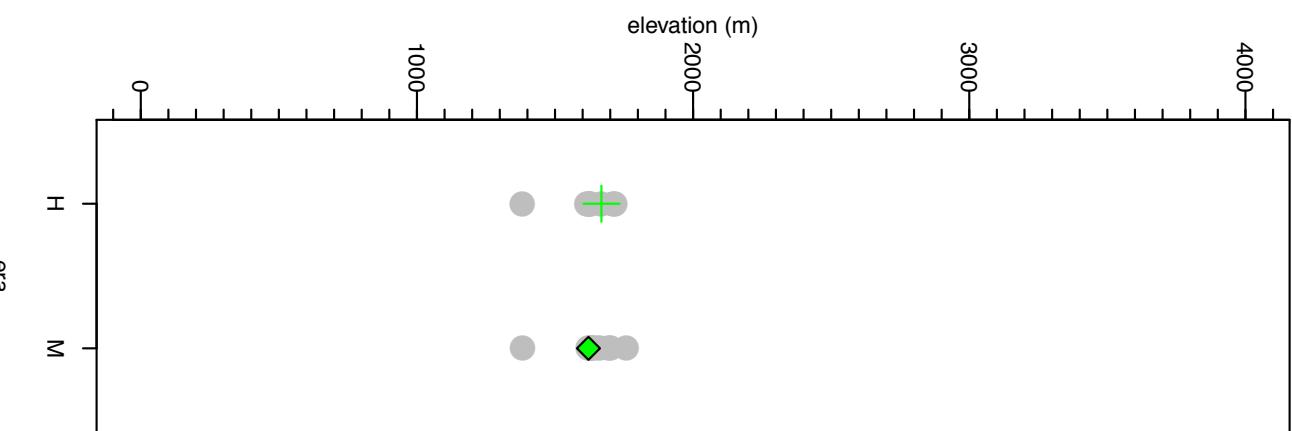
Yosemite – West Slope



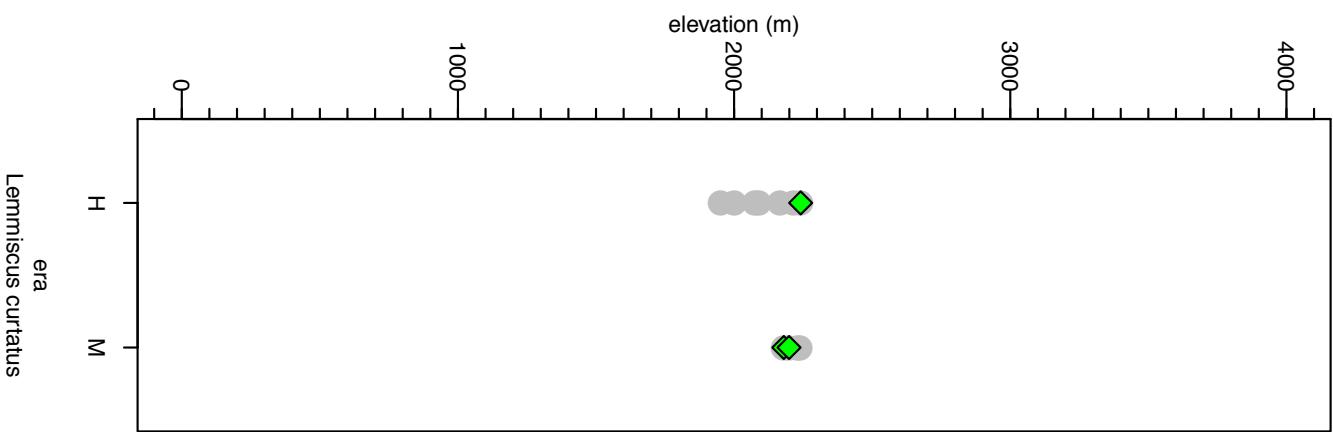
Sequoia – West Slope



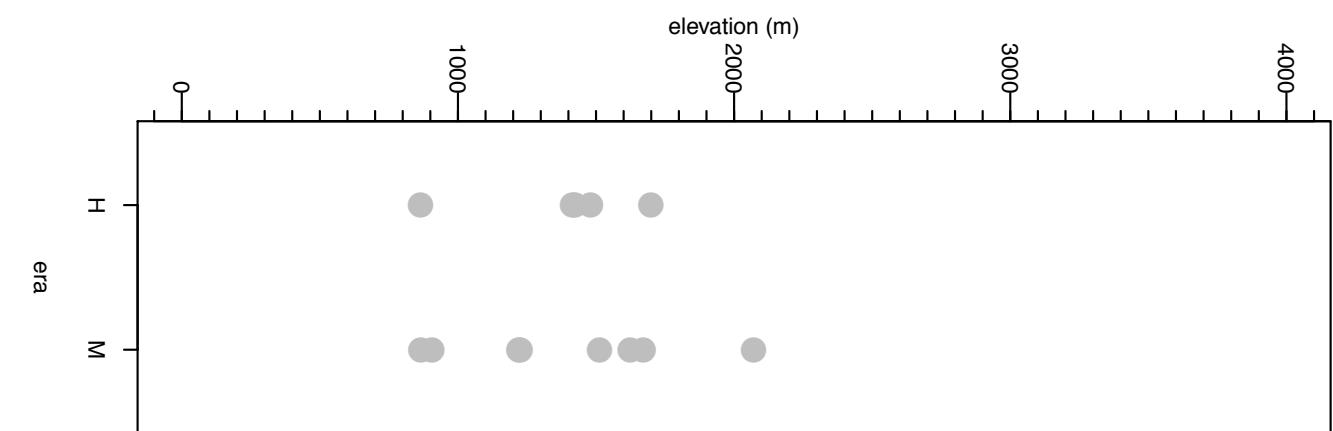
Lassen – East Slope



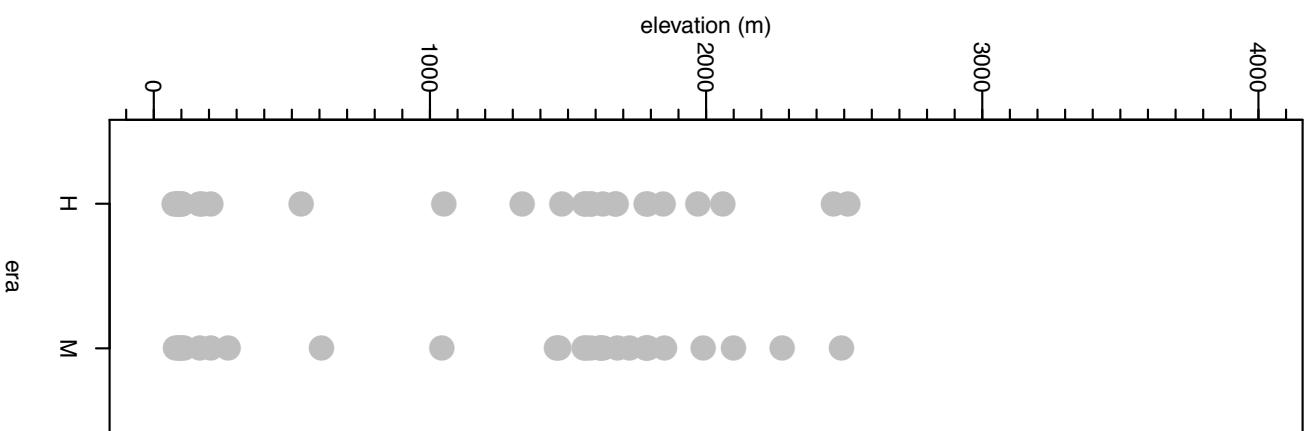
Yosemite – East Slope



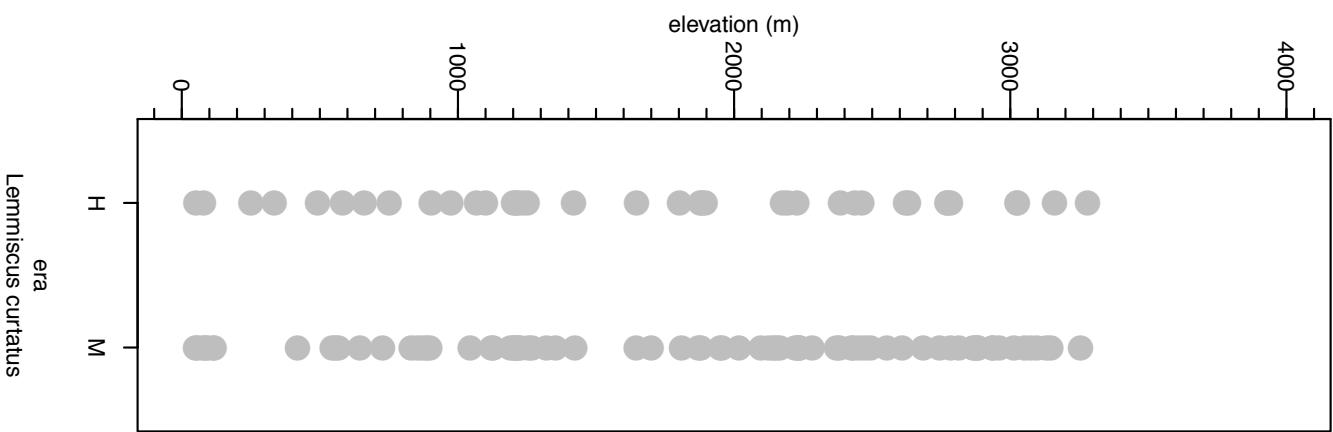
Sequoia – East Slope



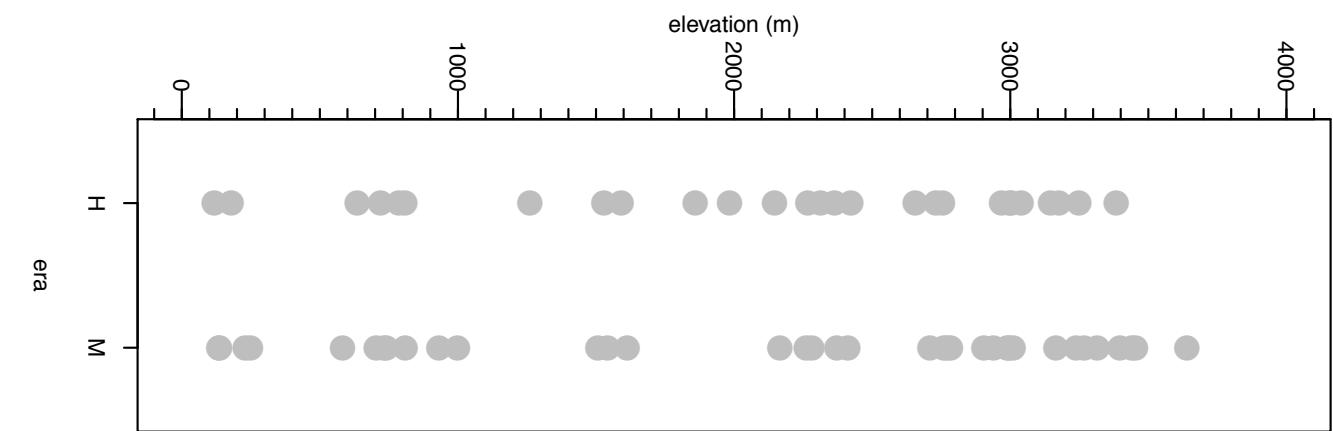
Lassen – West Slope



Yosemite – West Slope

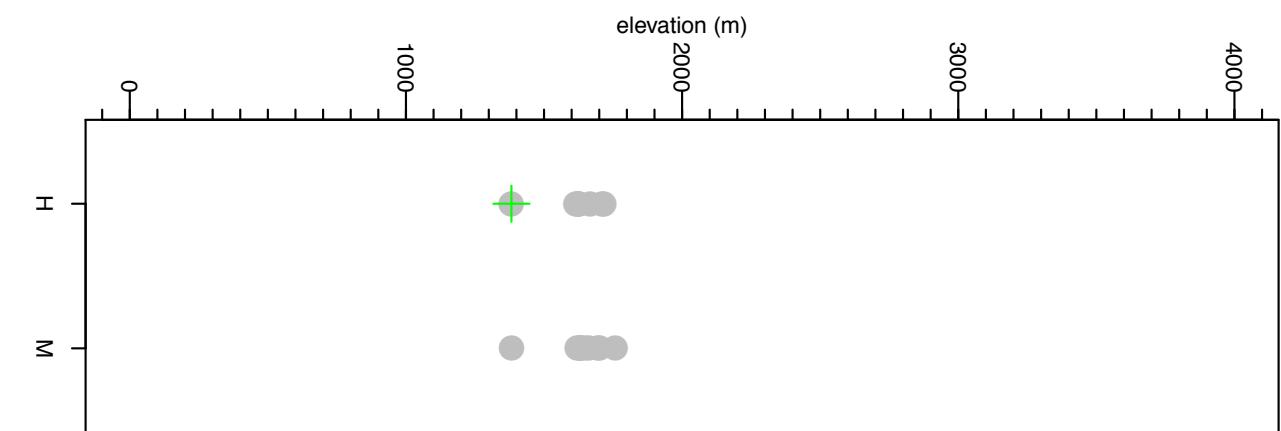


Sequoia – West Slope



*Lemmiscus curtatus*

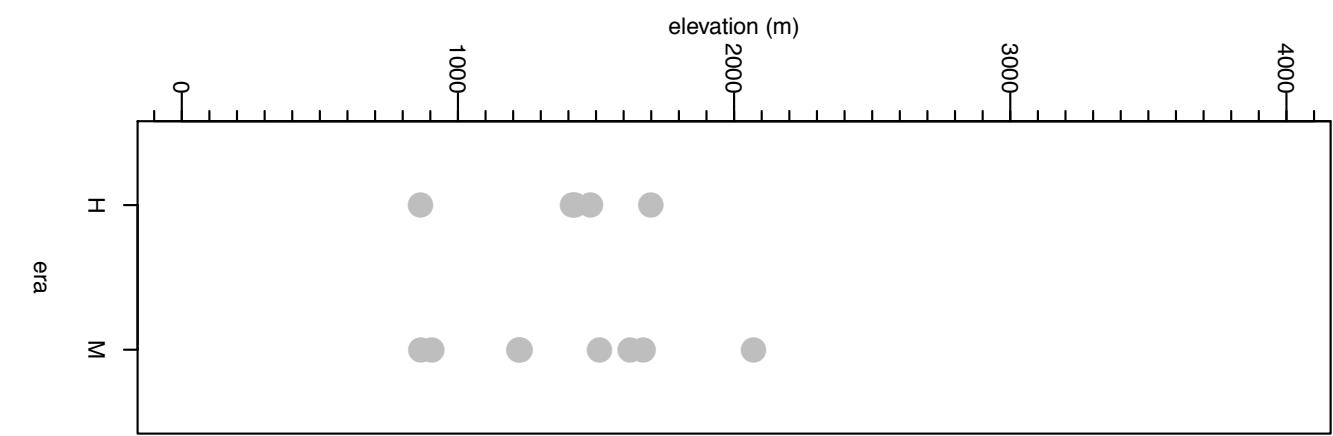
Lassen – East Slope



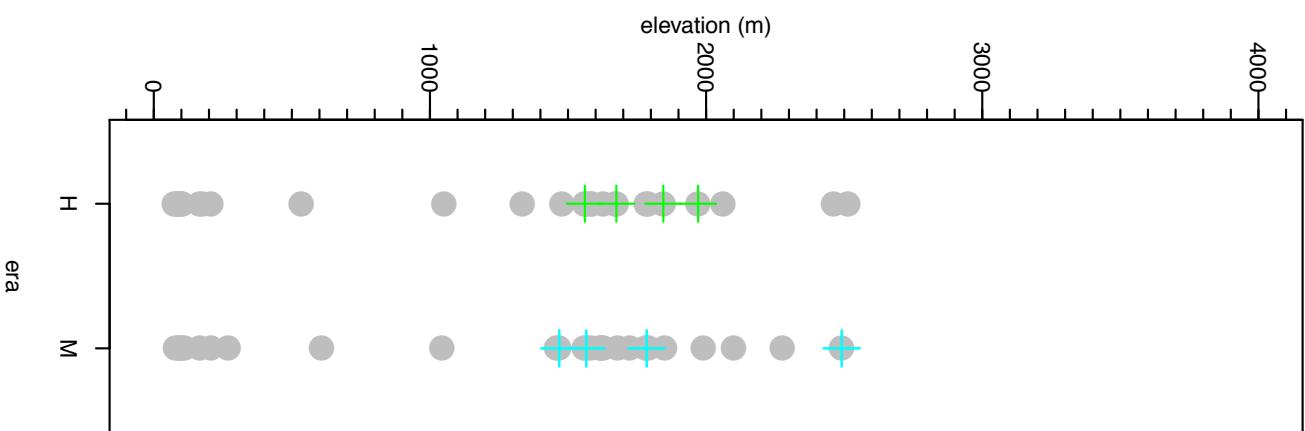
Yosemite – East Slope



Sequoia – East Slope



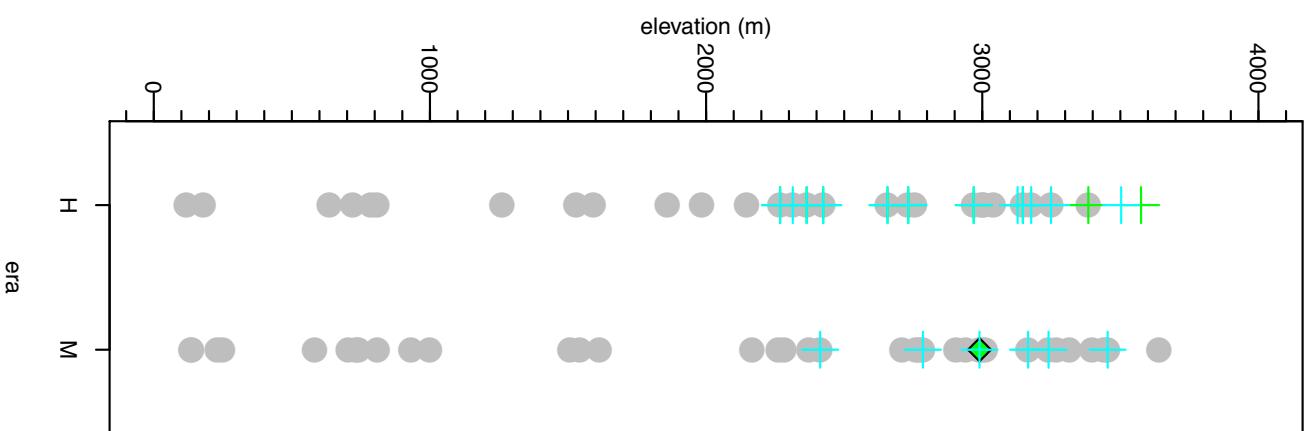
Lassen – West Slope



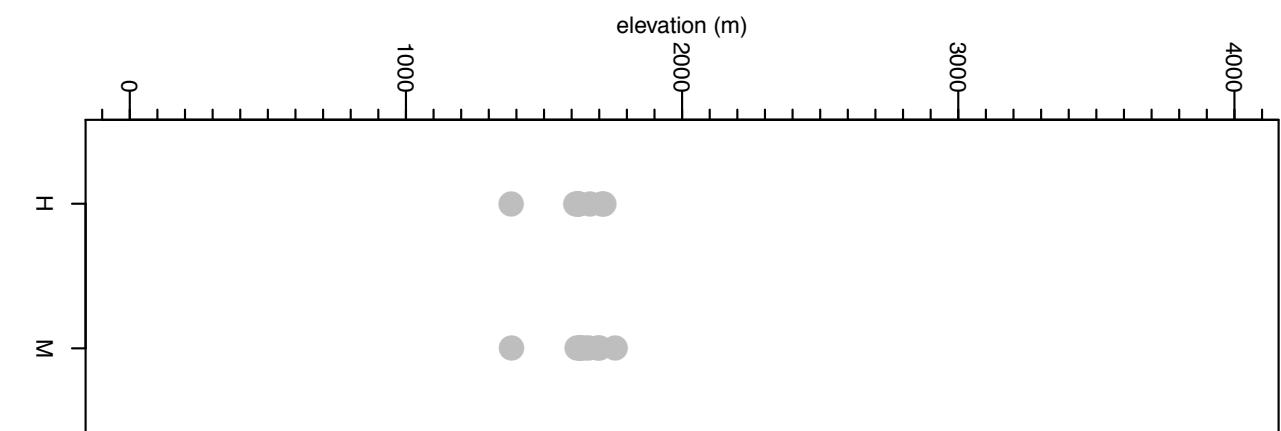
Yosemite – West Slope



Sequoia – West Slope



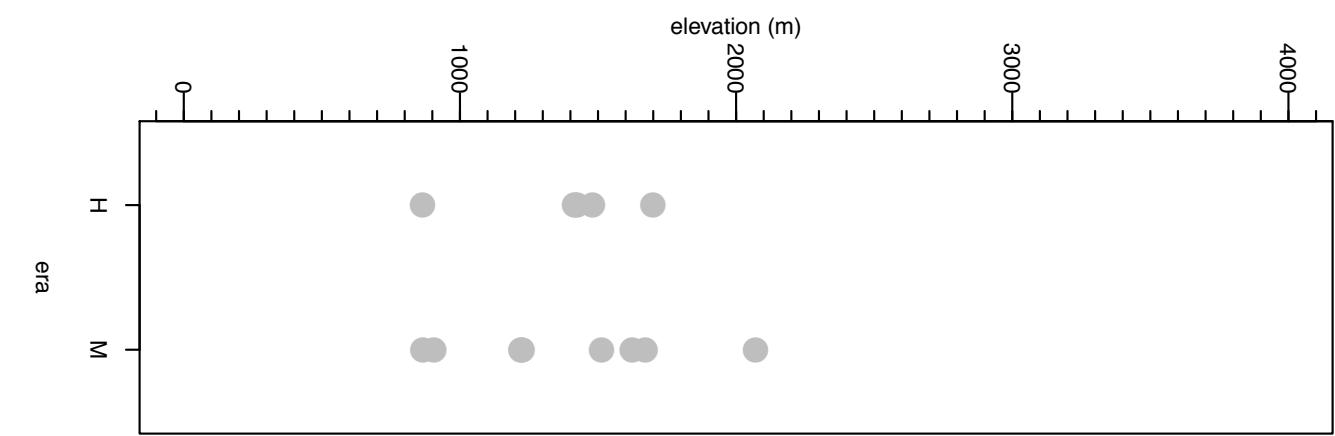
Lassen – East Slope



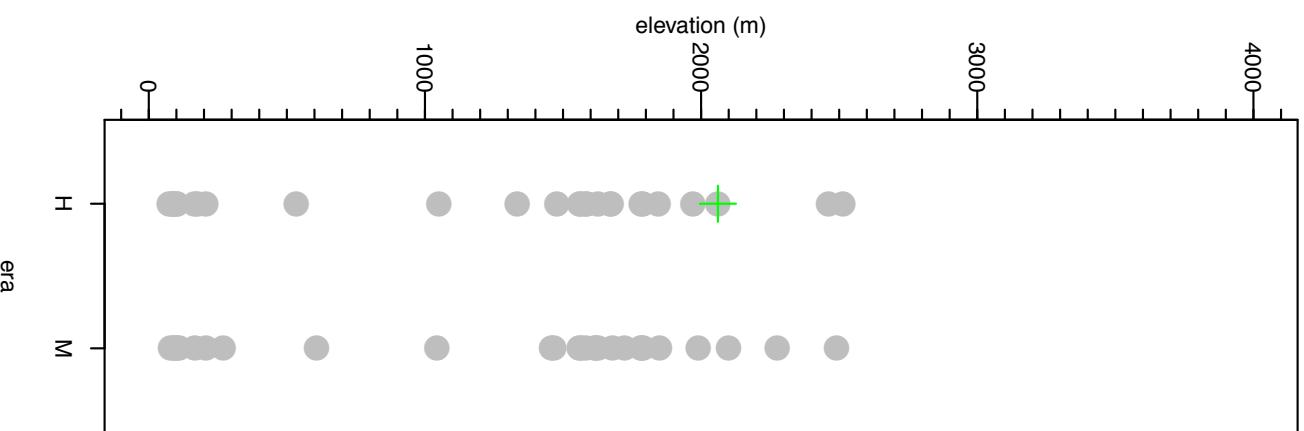
Yosemite – East Slope



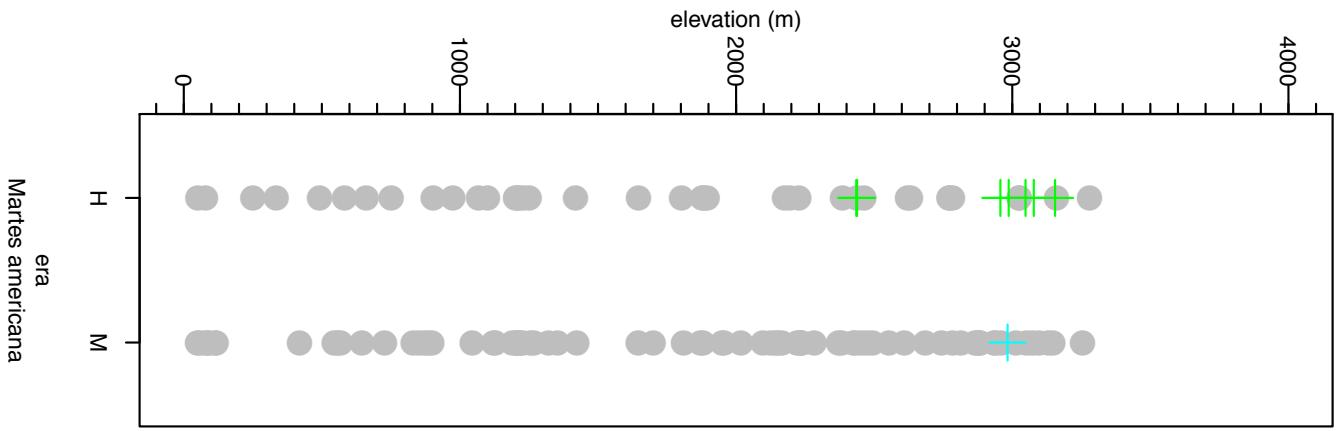
Sequoia – East Slope



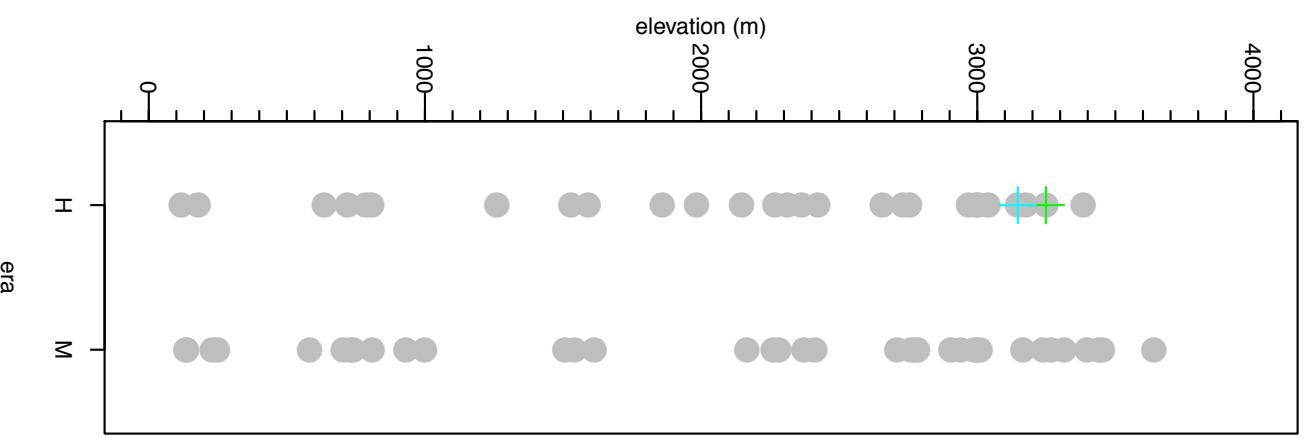
Lassen – West Slope



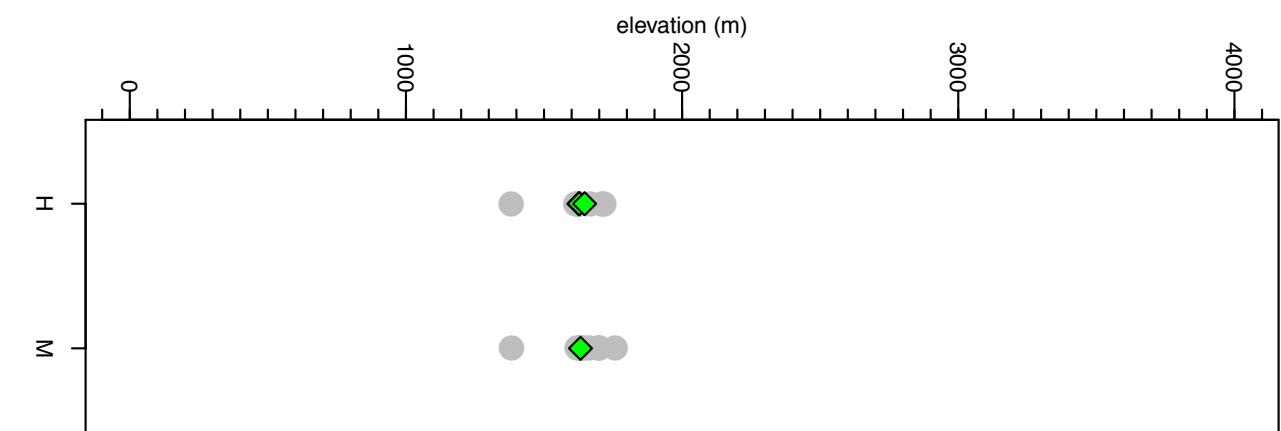
Yosemite – West Slope



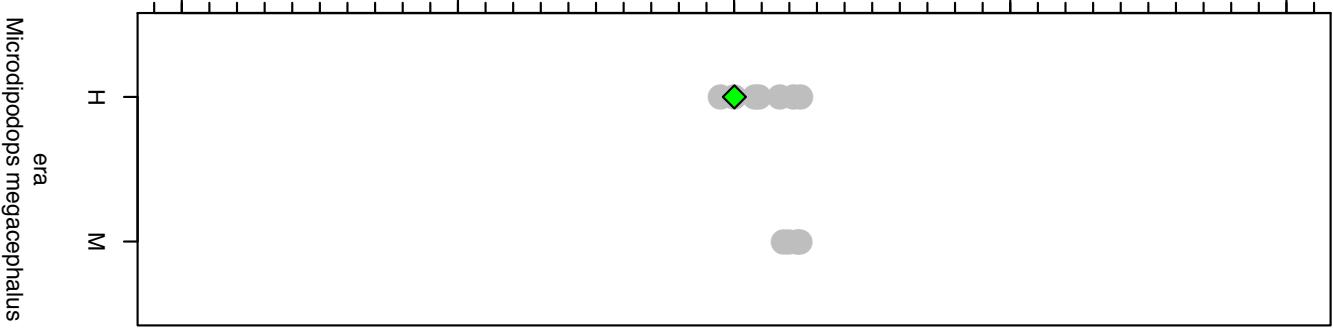
Sequoia – West Slope



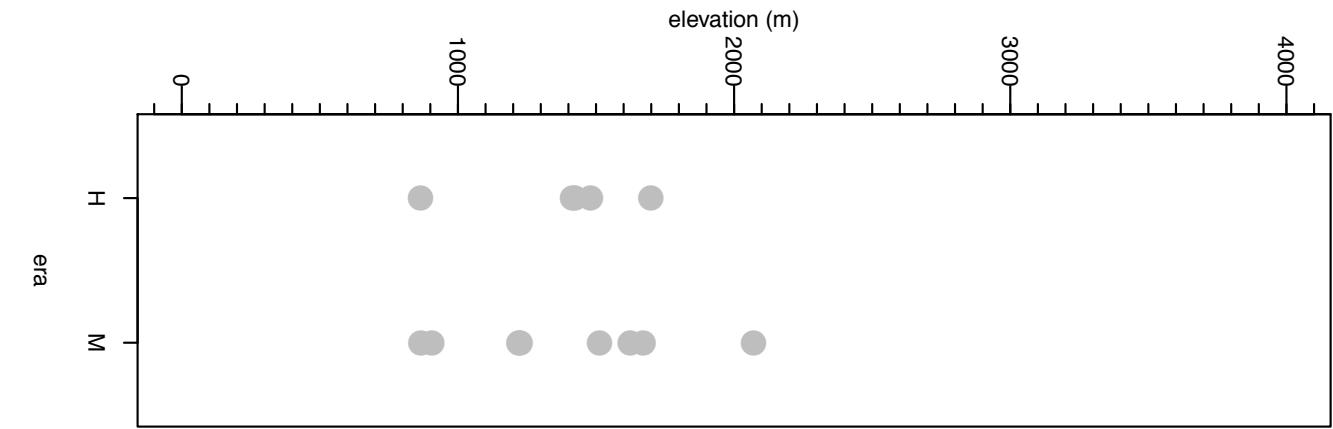
Lassen – East Slope



Yosemite – East Slope

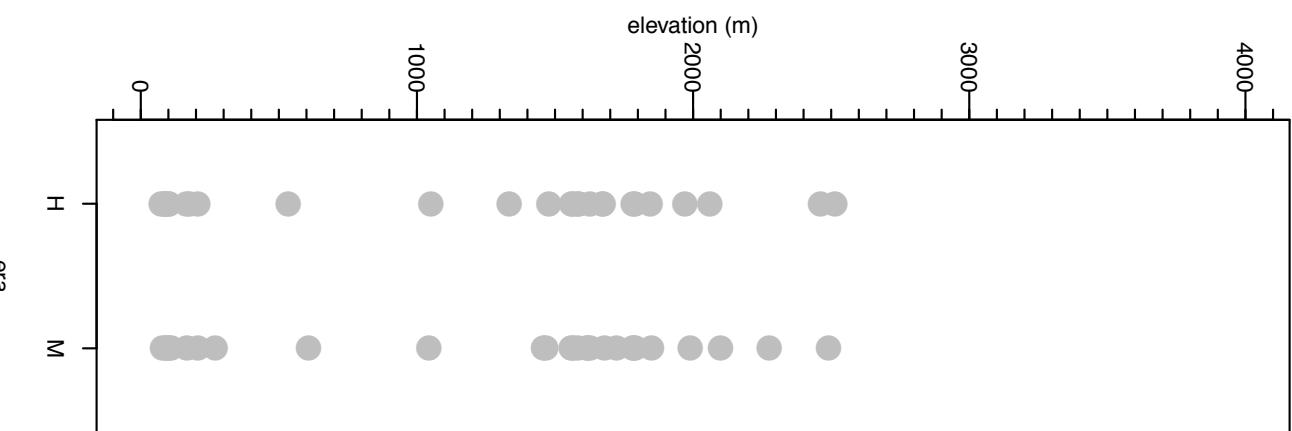


Sequoia – East Slope

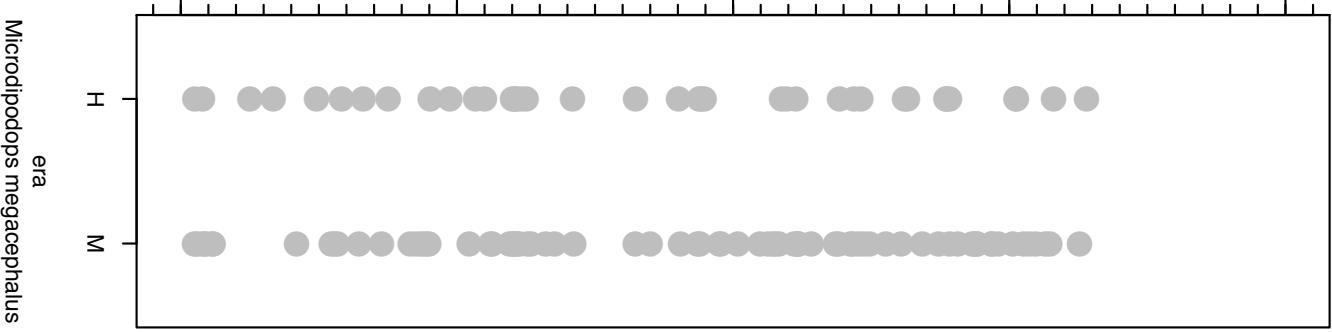


*Microdipodops megacephalus*

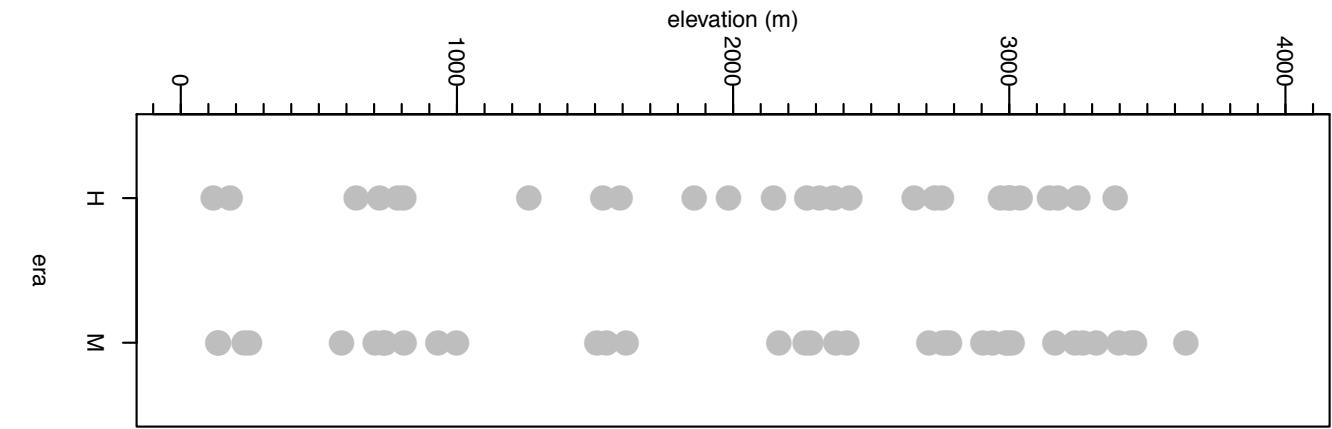
Lassen – West Slope



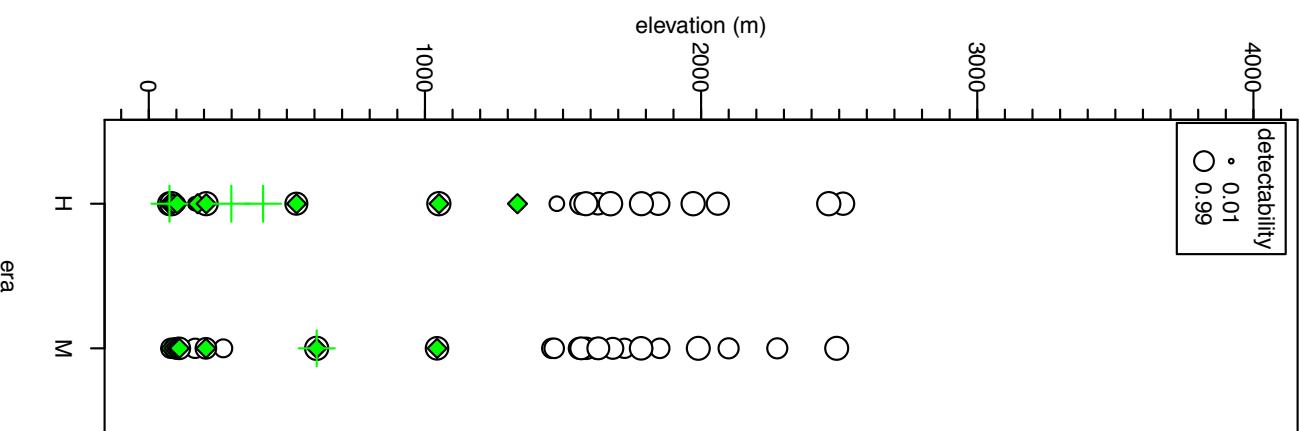
Yosemite – West Slope



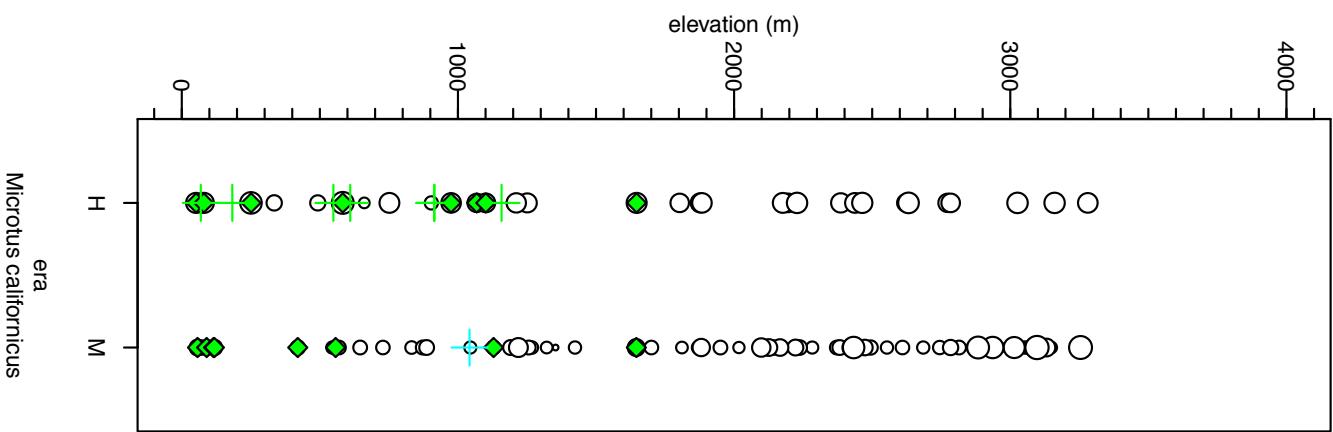
Sequoia – West Slope



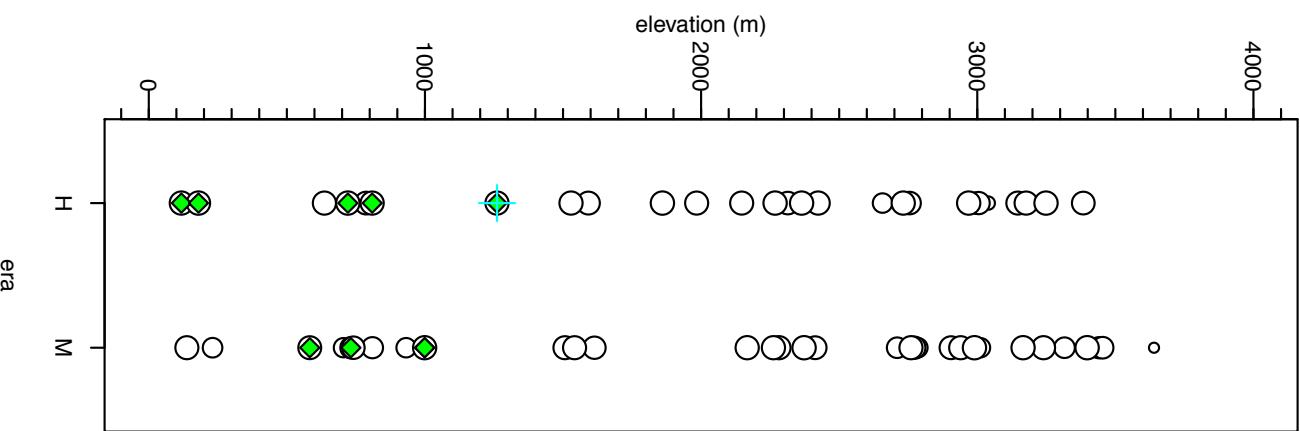
Lassen – West Slope



Yosemite – West Slope

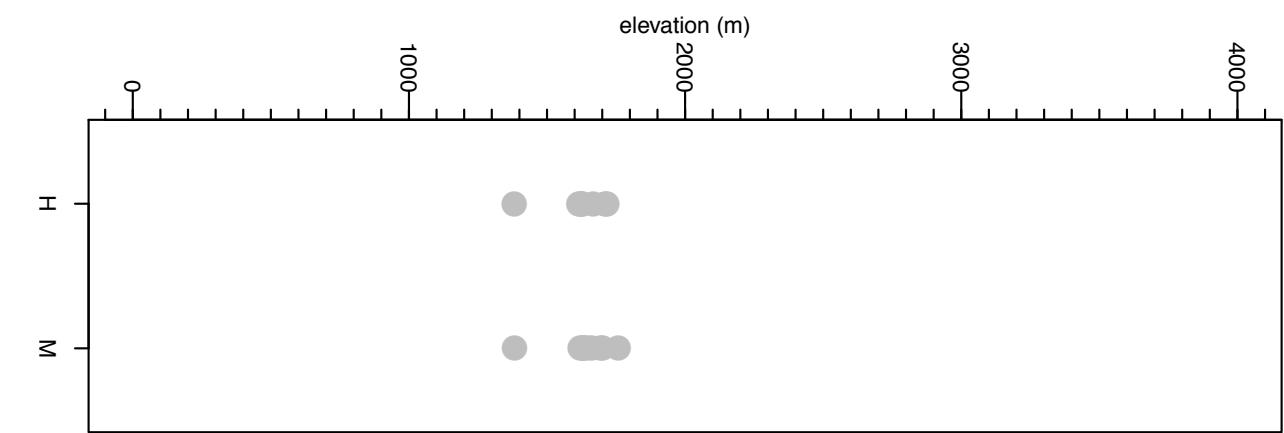


Sequoia – West Slope



*Microtus californicus*

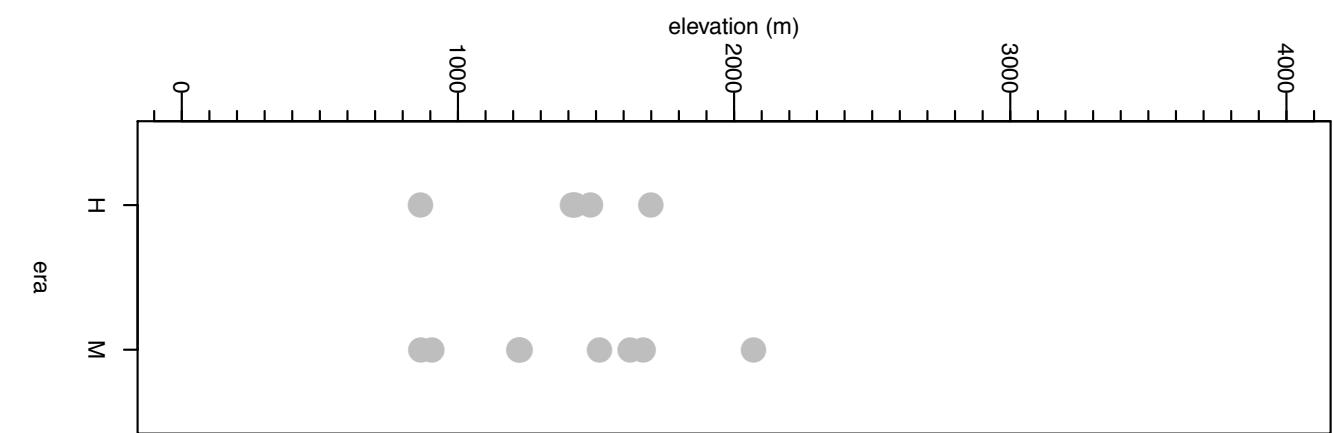
Lassen – East Slope



Yosemite – East Slope



Sequoia – East Slope



Microtus californicus

era

H

M

1000

elevation (m)

2000

3000

4000

era

H

M

1000

elevation (m)

2000

3000

4000

Microtus californicus

era

H

M

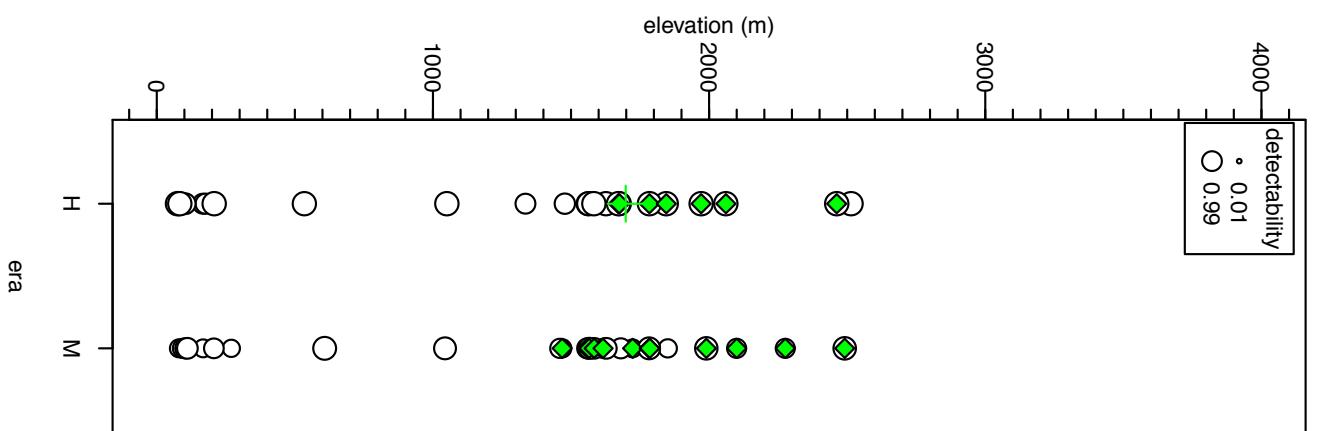
1000

elevation (m)

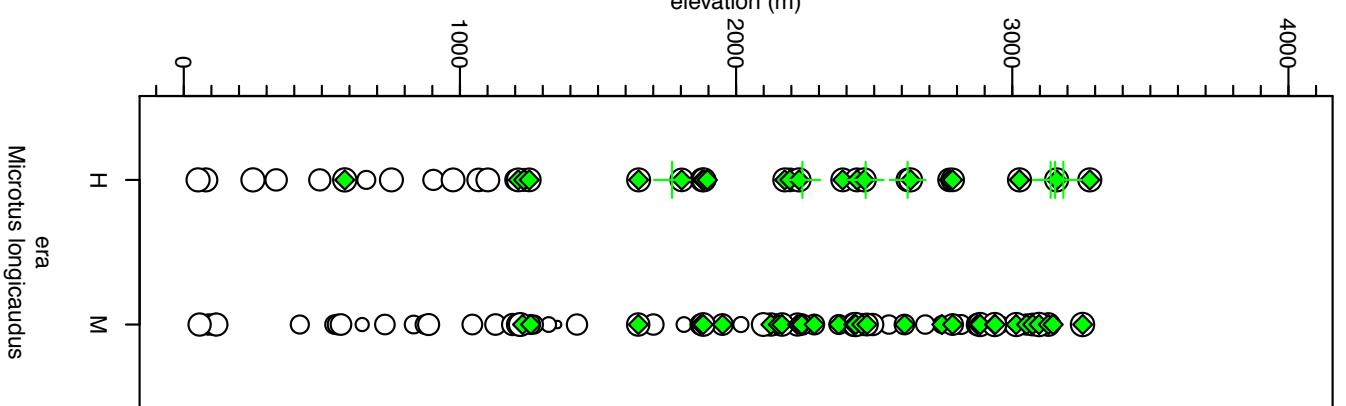
2000

3000

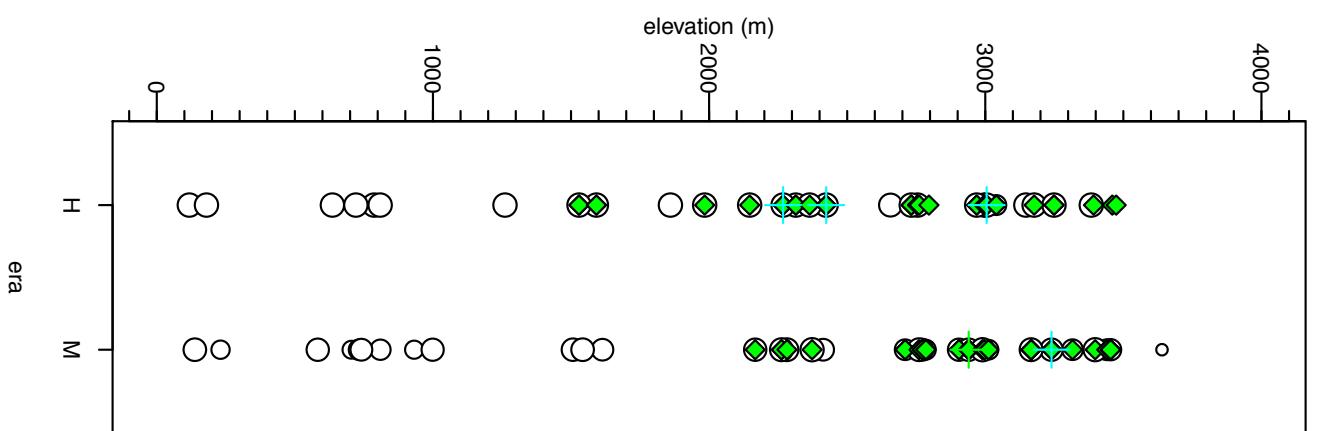
4000



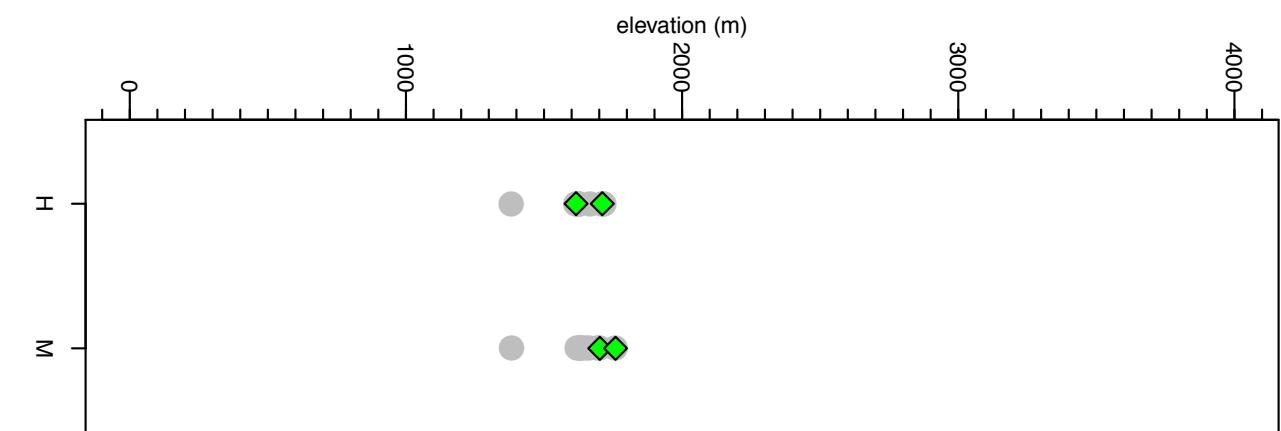
Lassen – West Slope



Yosemite – West Slope



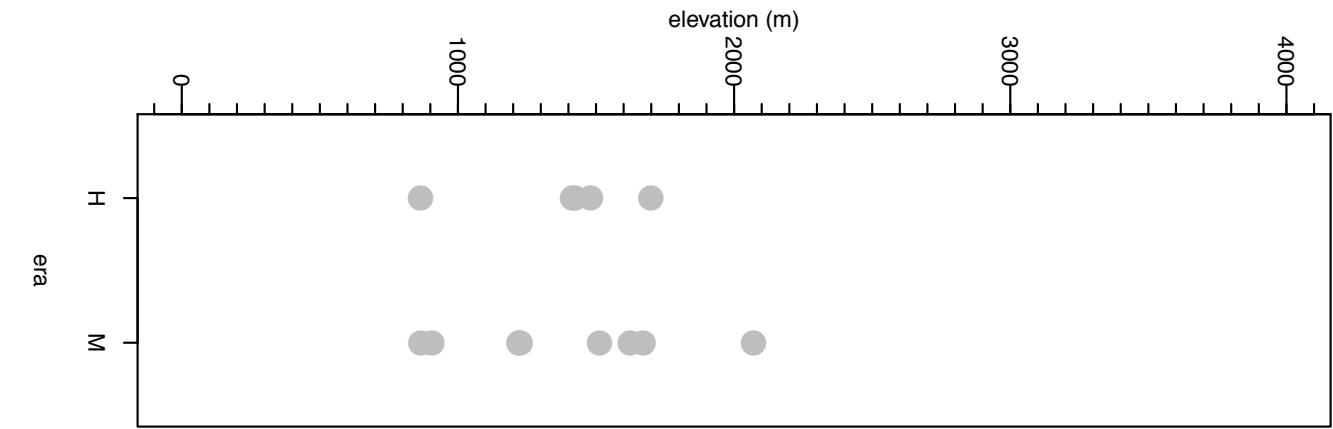
Lassen – East Slope



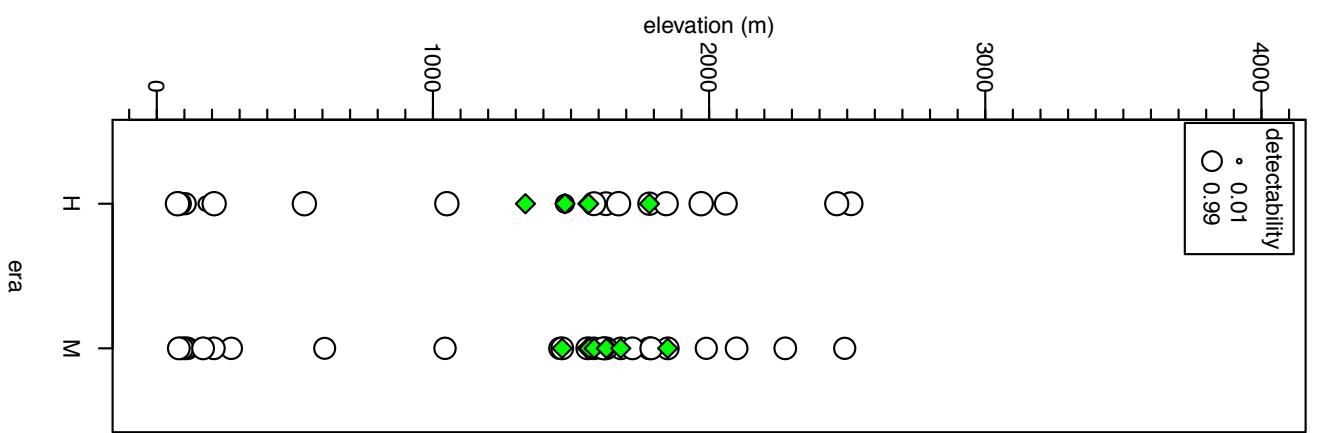
Yosemite – East Slope



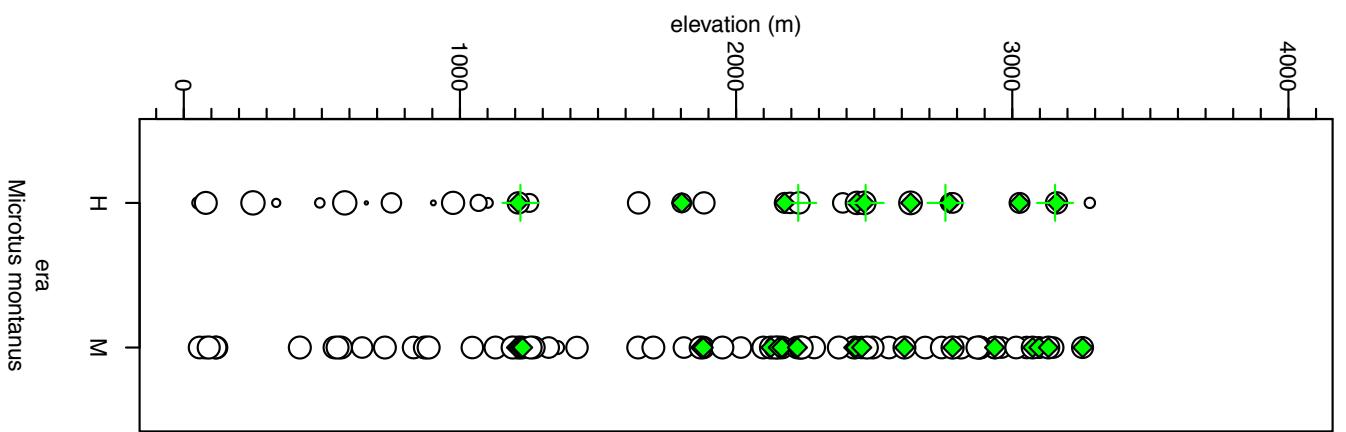
Sequoia – East Slope



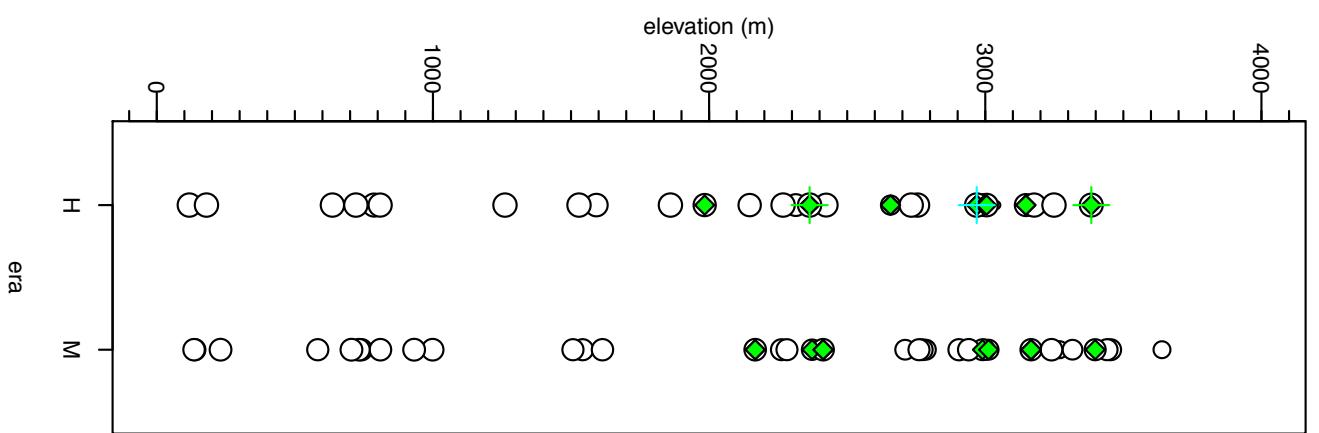
*Microtus longicaudus*



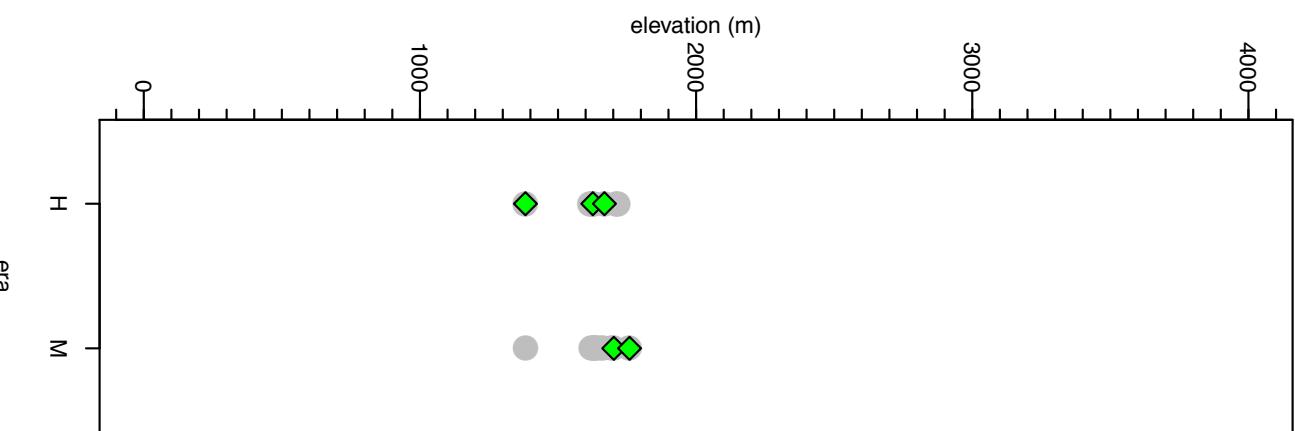
Lassen – West Slope



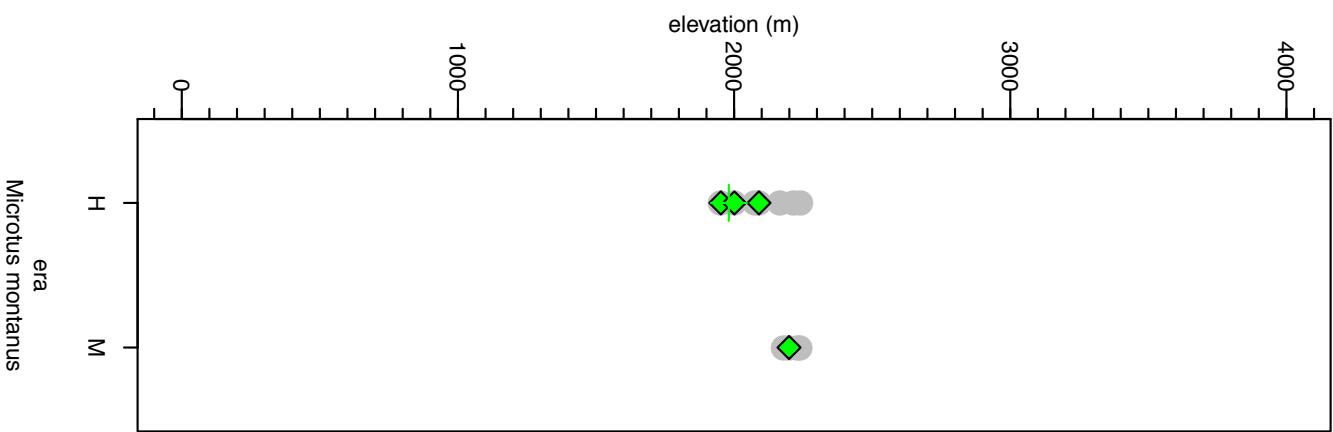
Yosemite – West Slope



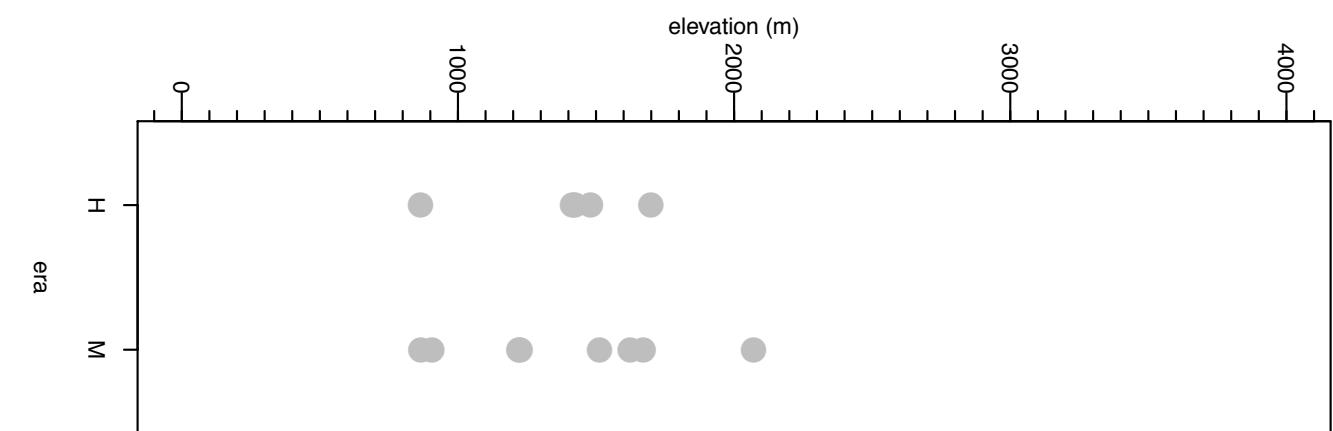
Lassen – East Slope



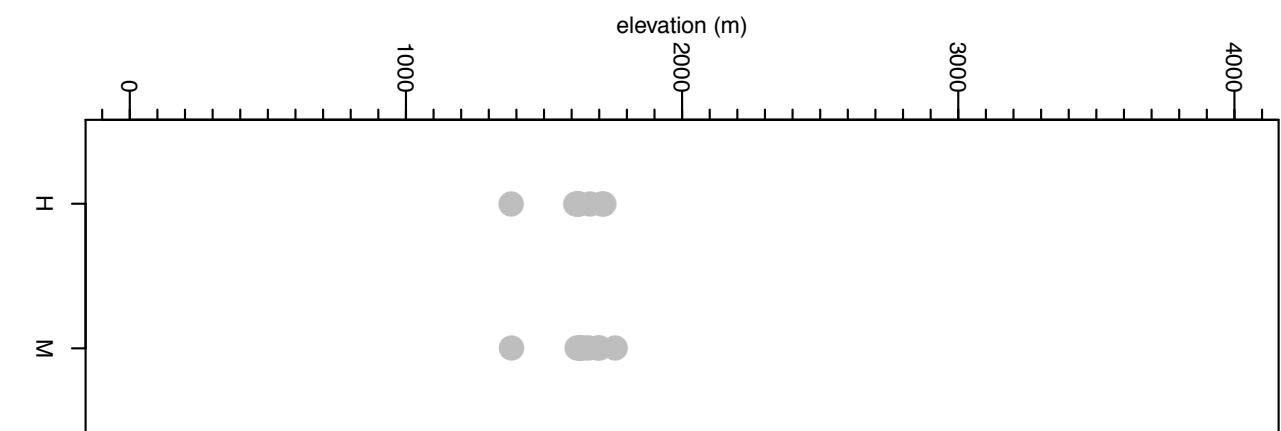
Yosemite – East Slope



Sequoia – East Slope



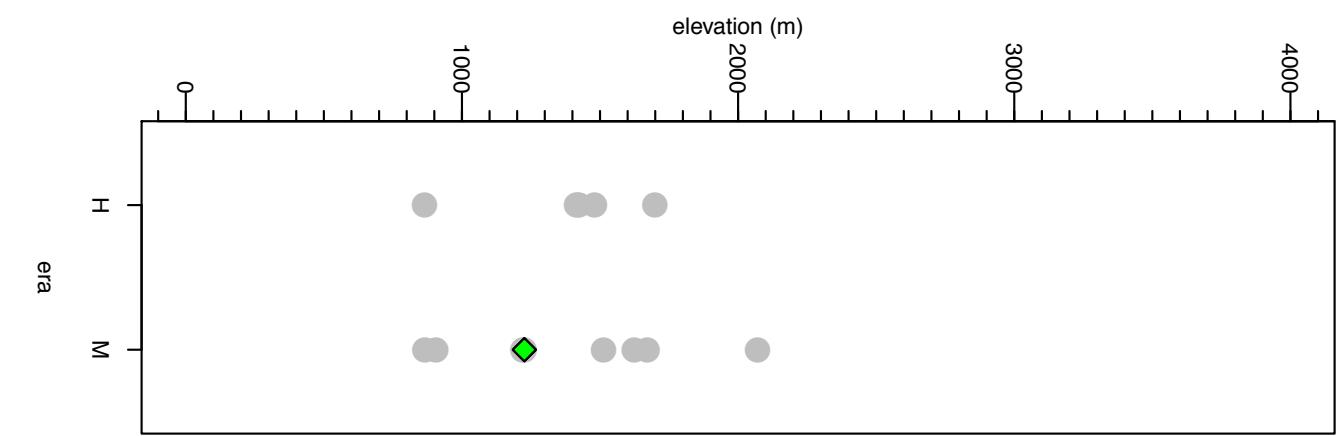
Lassen – East Slope



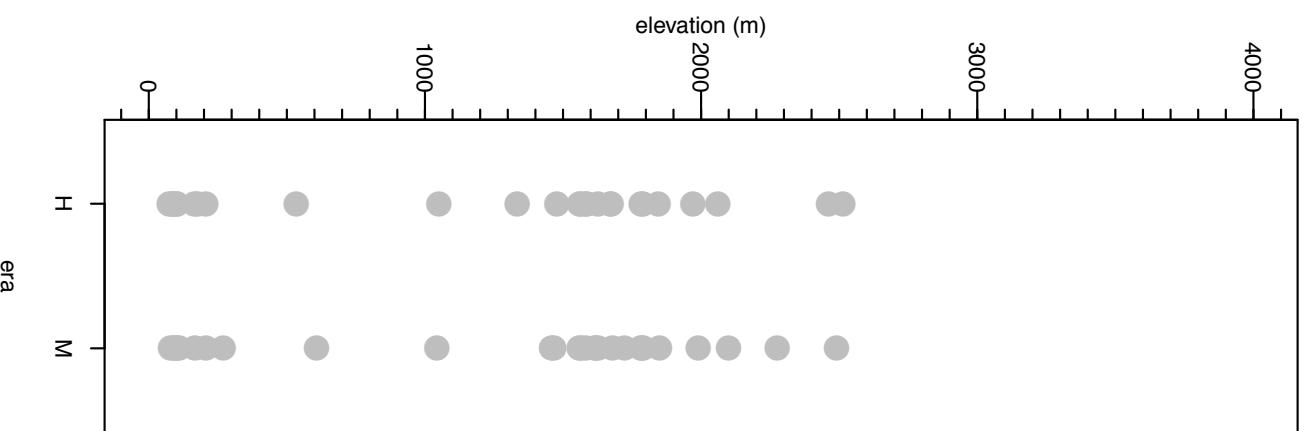
Yosemite – East Slope



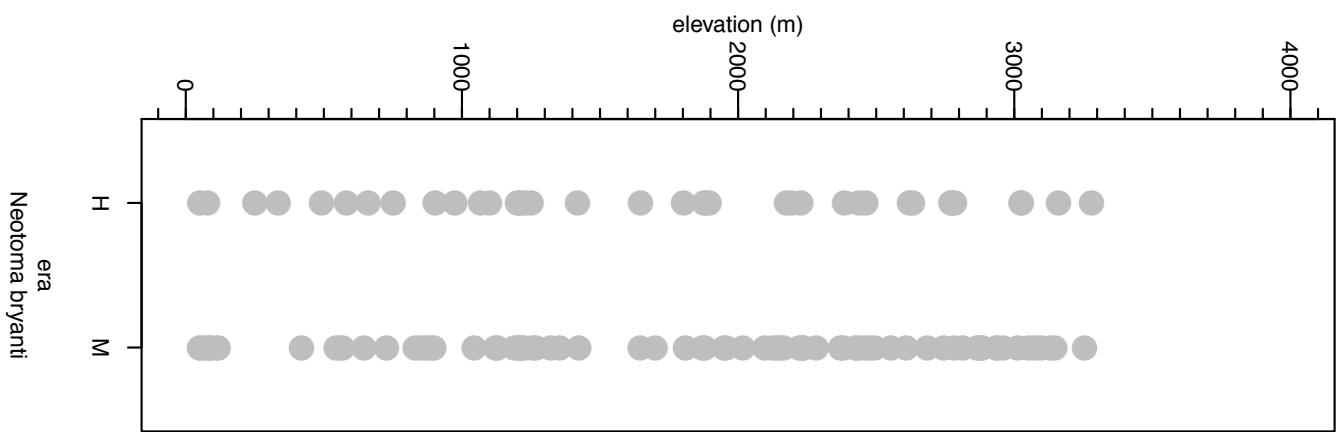
Sequoia – East Slope



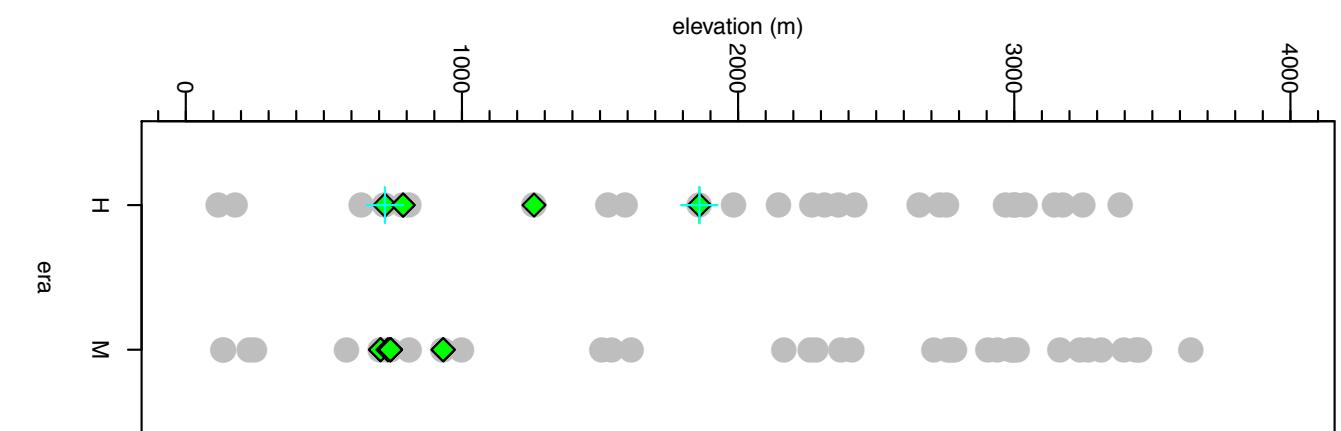
Lassen – West Slope

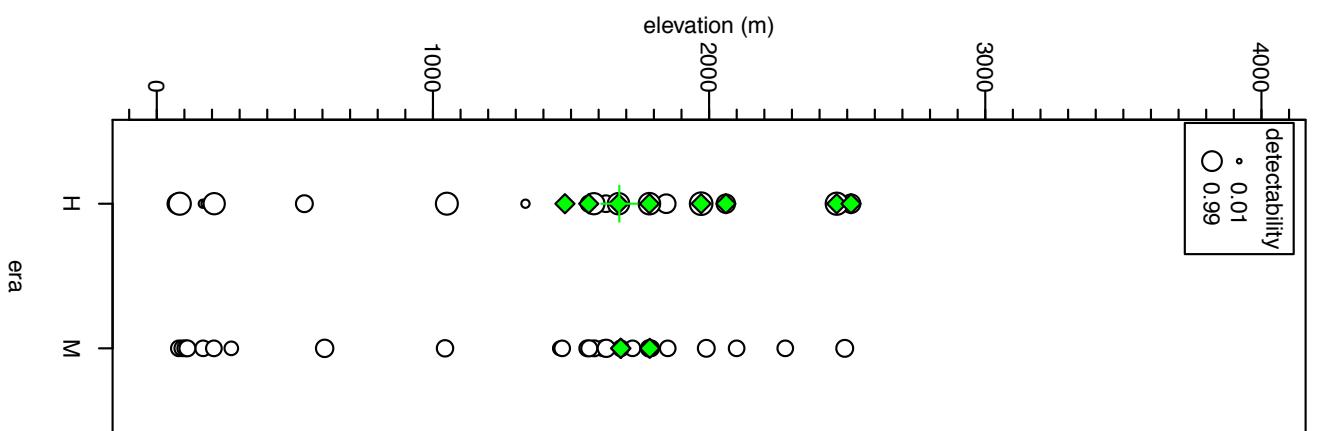


Yosemite – West Slope

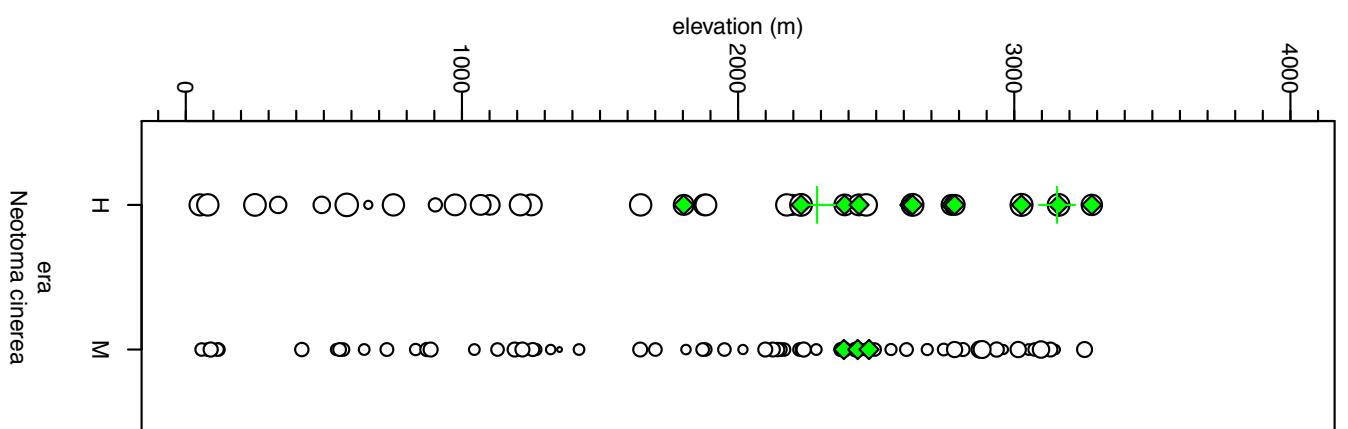


Sequoia – West Slope

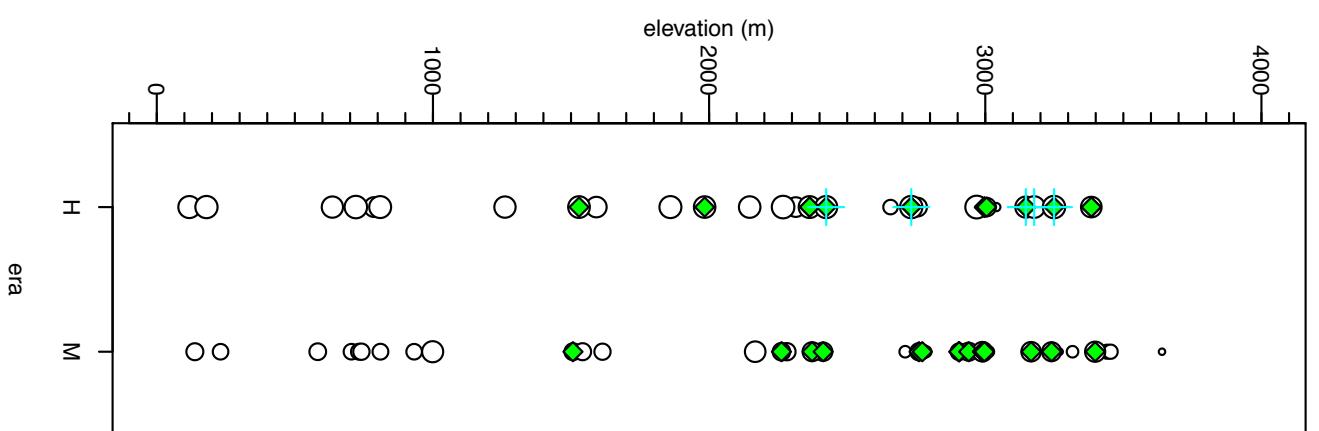




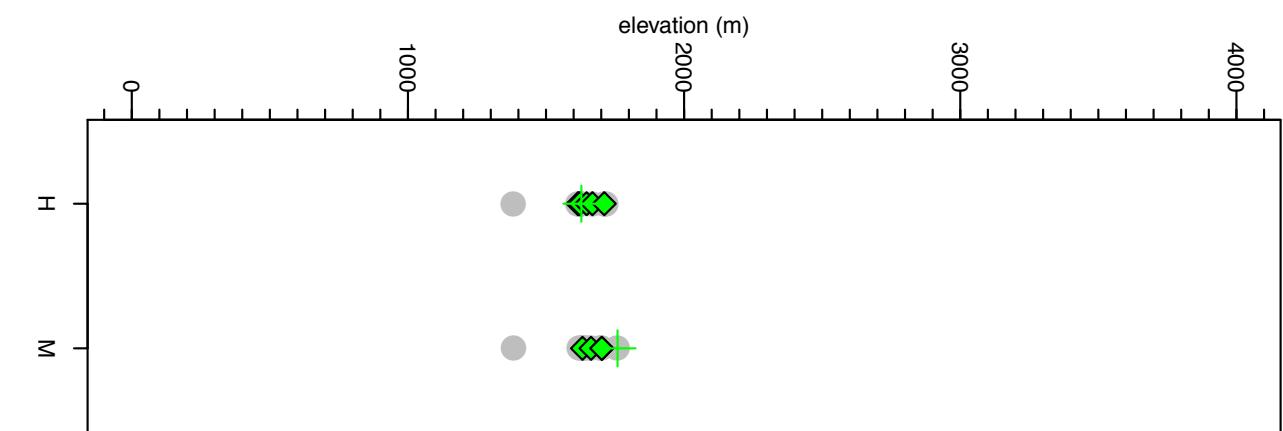
Lassen – West Slope



Yosemite – West Slopes



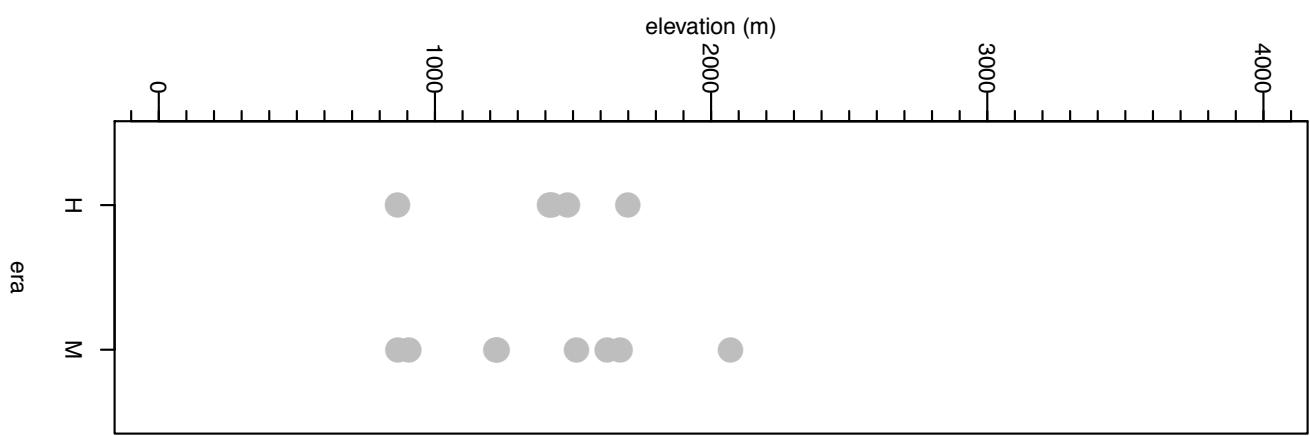
Lassen – East Slope



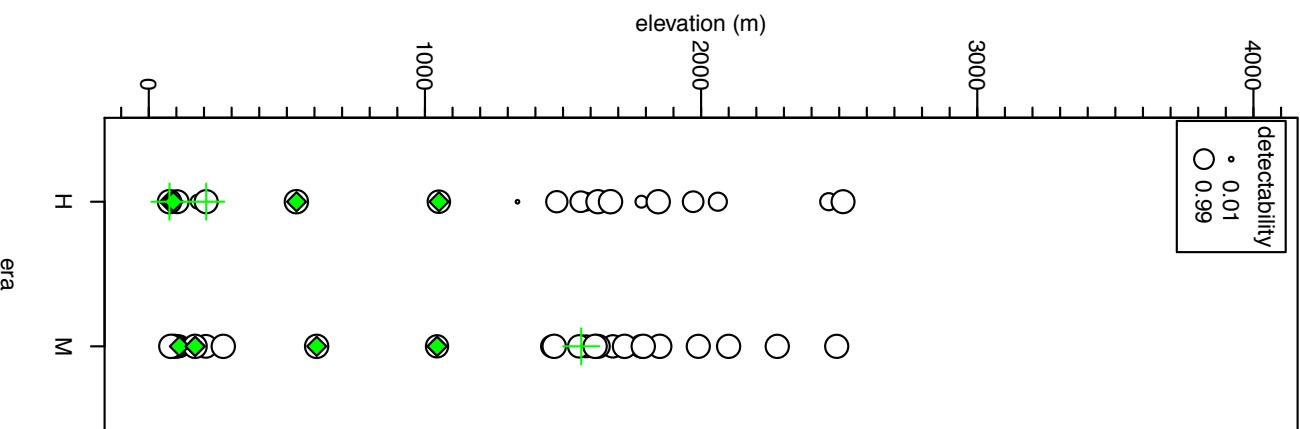
Yosemite – East Slope



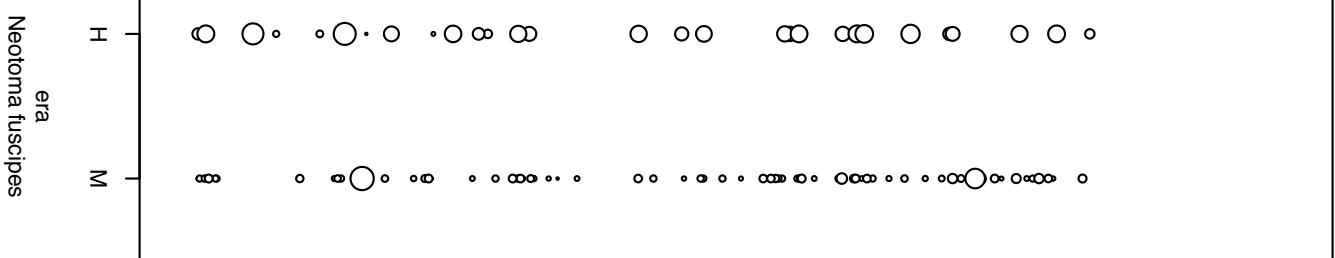
Sequoia – East Slope



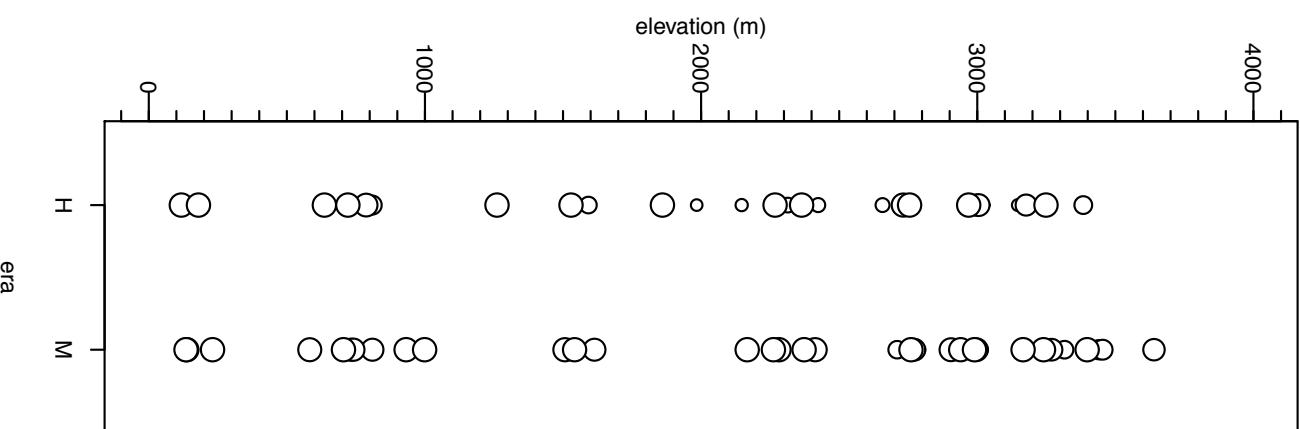
Lassen – West Slope



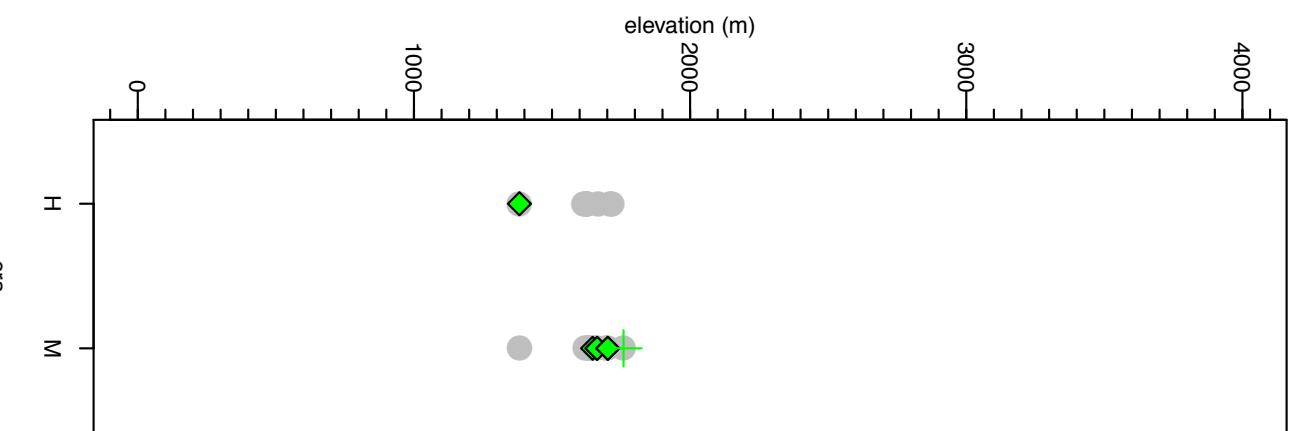
Yosemite – West Slope



Sequoia – West Slope



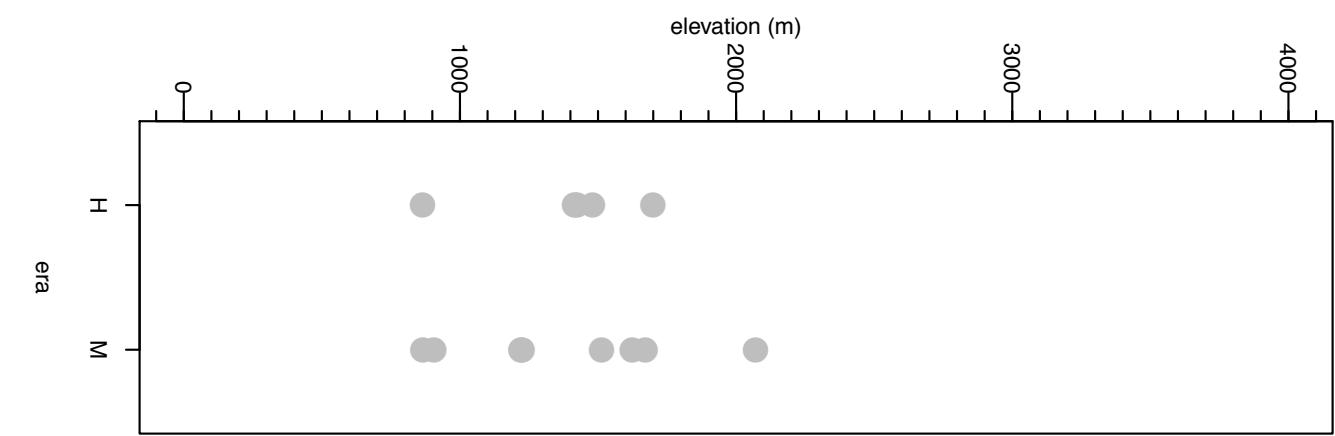
Lassen – East Slope



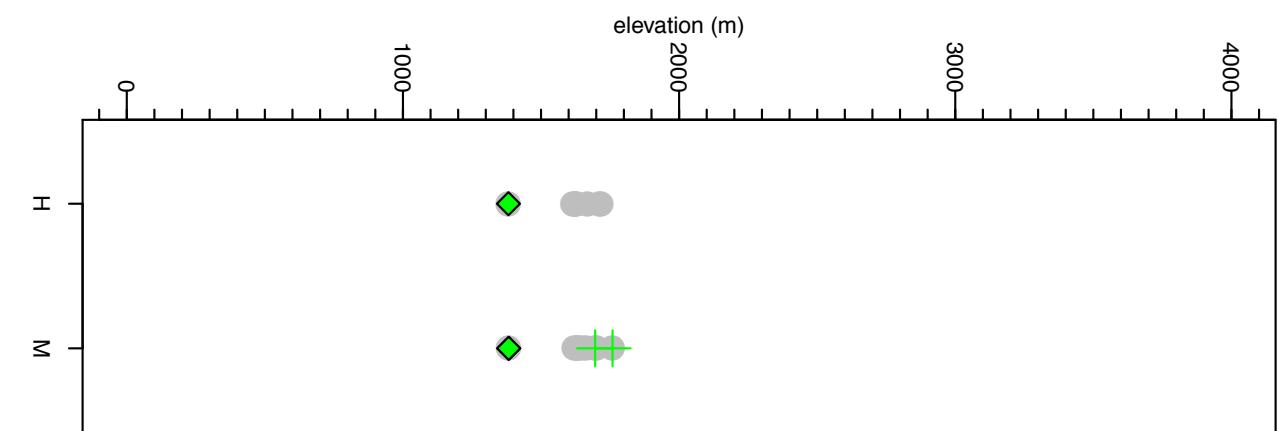
Yosemite – East Slope



Sequoia – East Slope



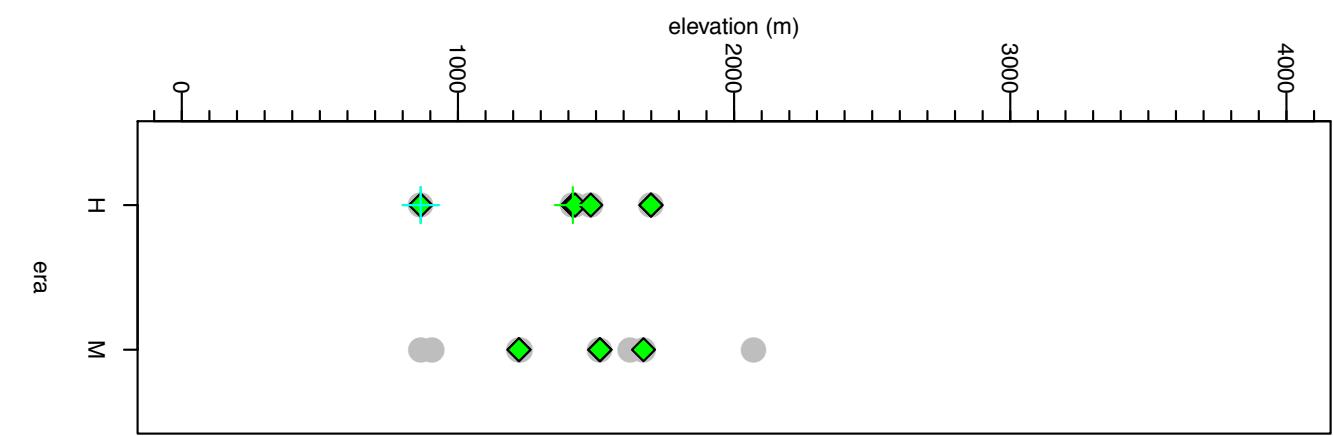
Lassen – East Slope



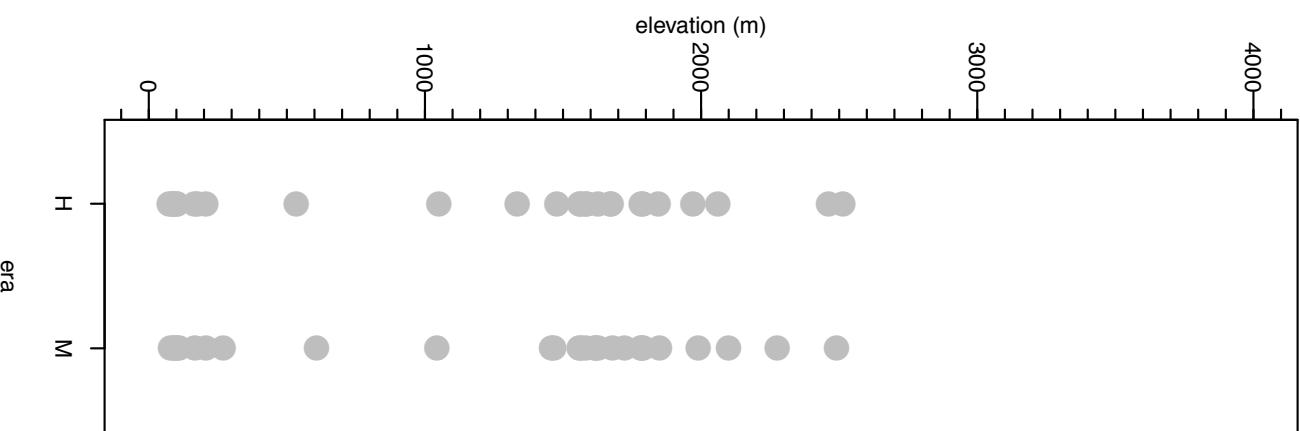
Yosemite – East Slope



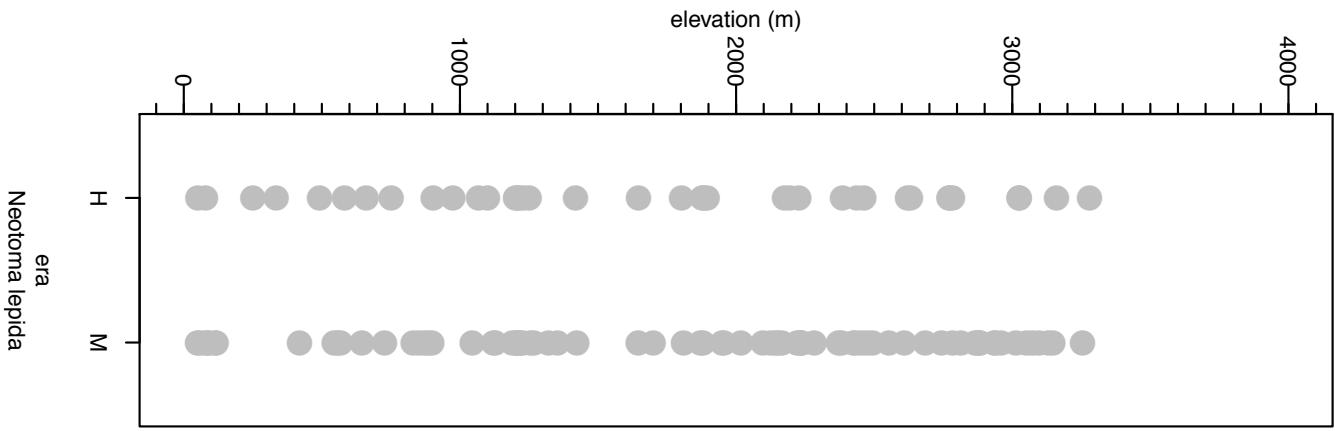
Sequoia – East Slope



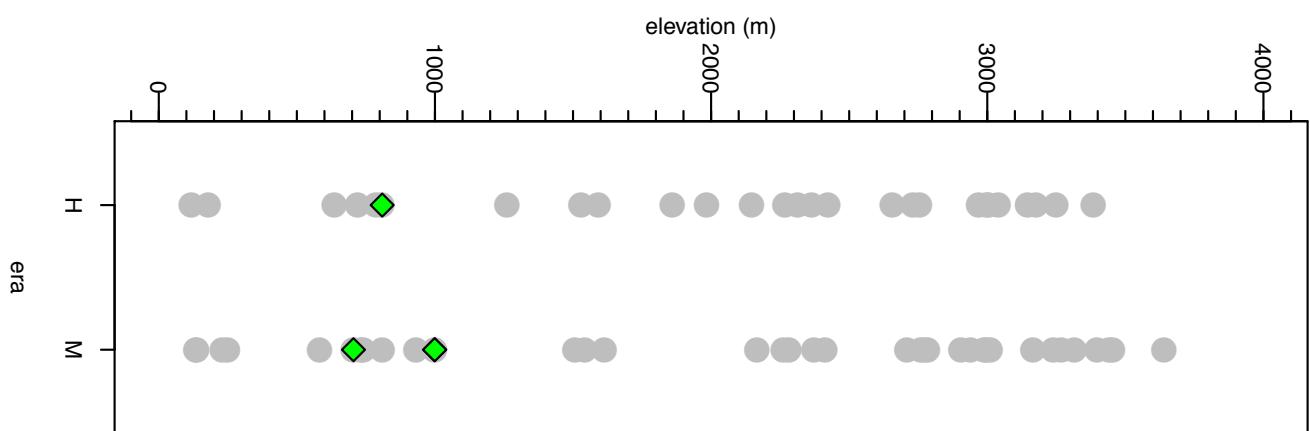
Lassen – West Slope



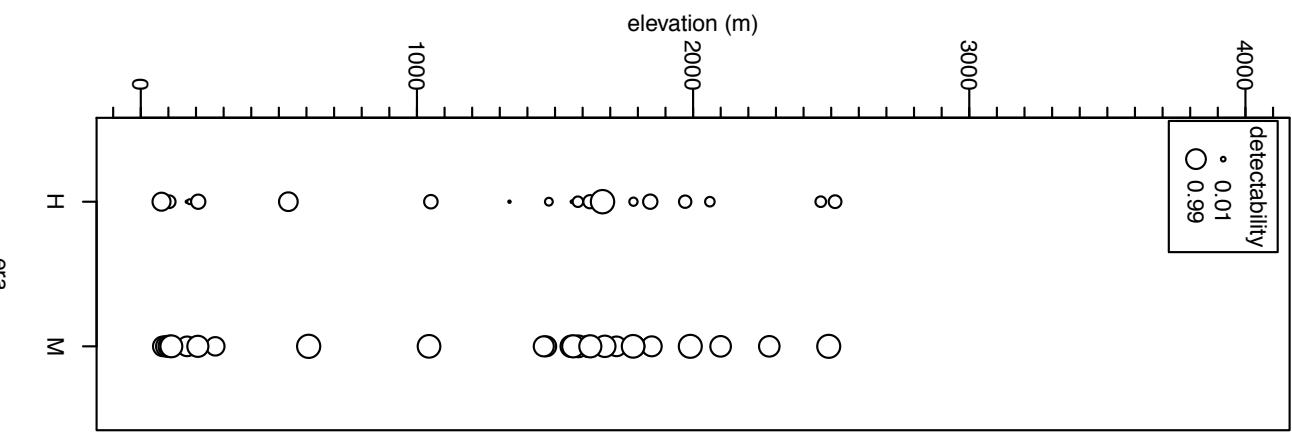
Yosemite – West Slope



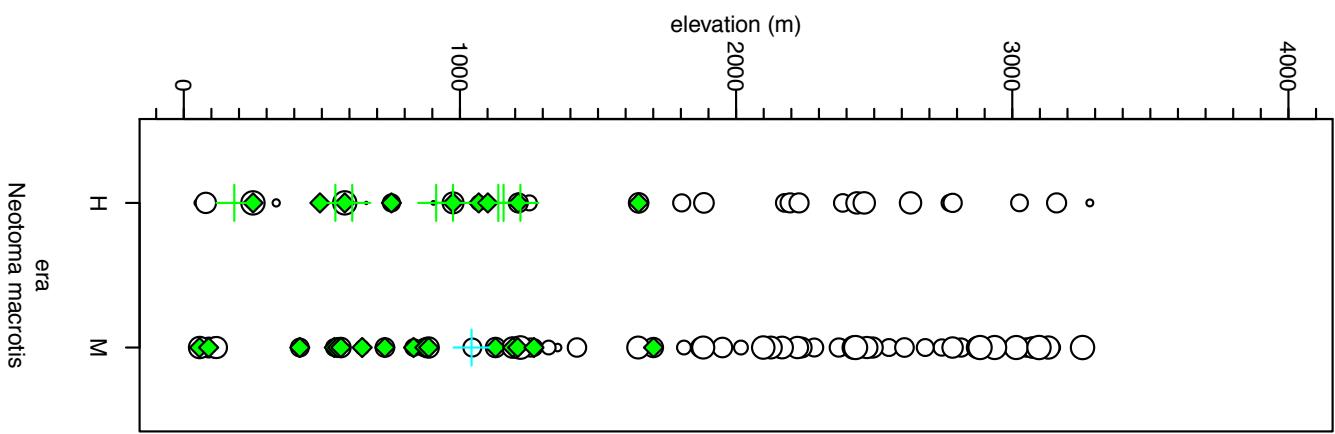
Sequoia – West Slope



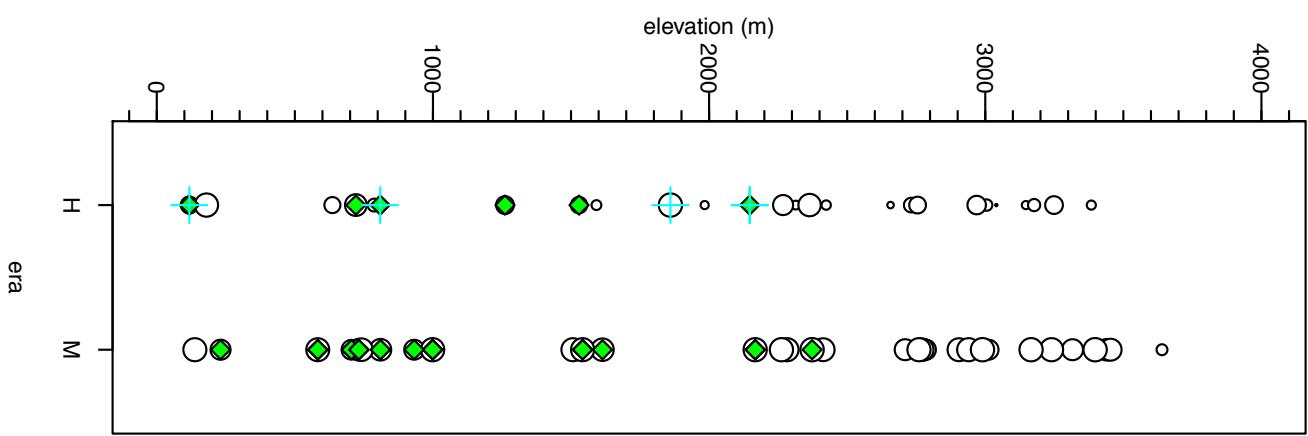
Lassen – West Slope



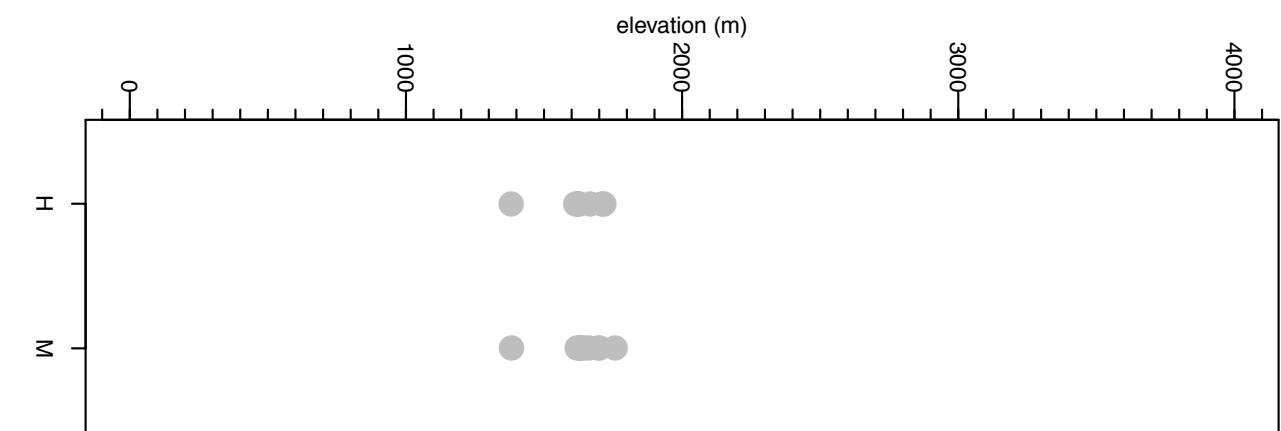
Yosemite – West Slope



Sequoia – West Slope



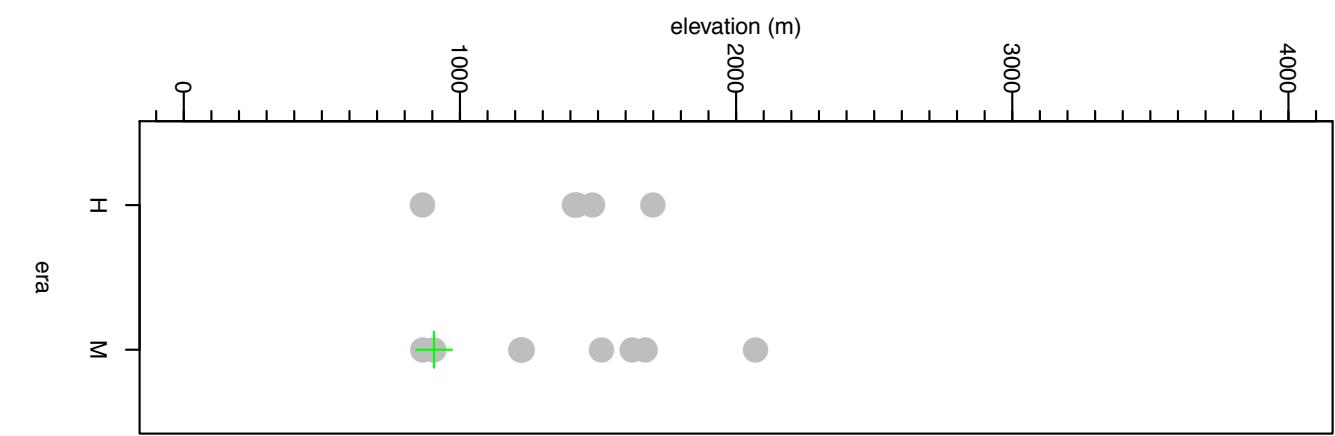
Lassen – East Slope



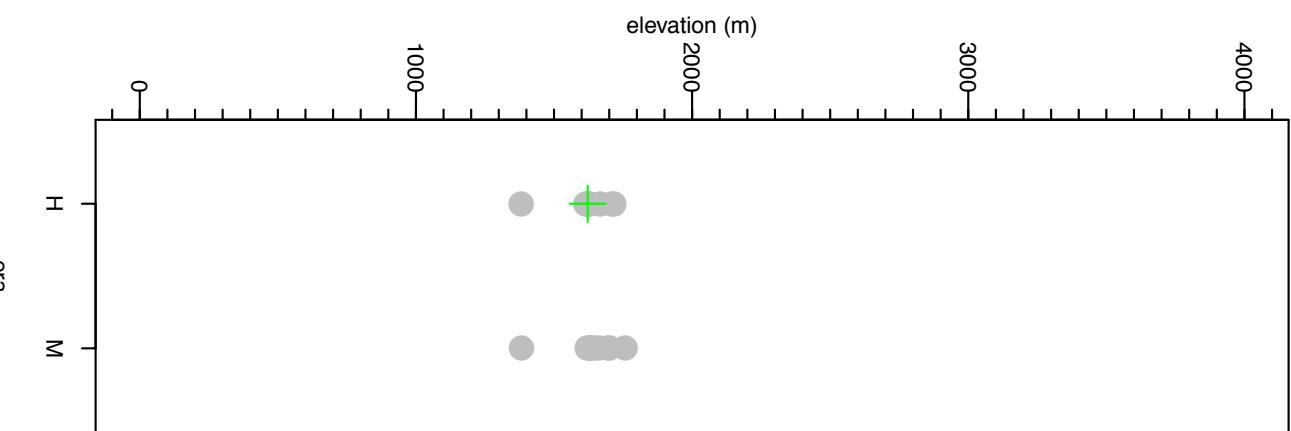
Yosemite – East Slope



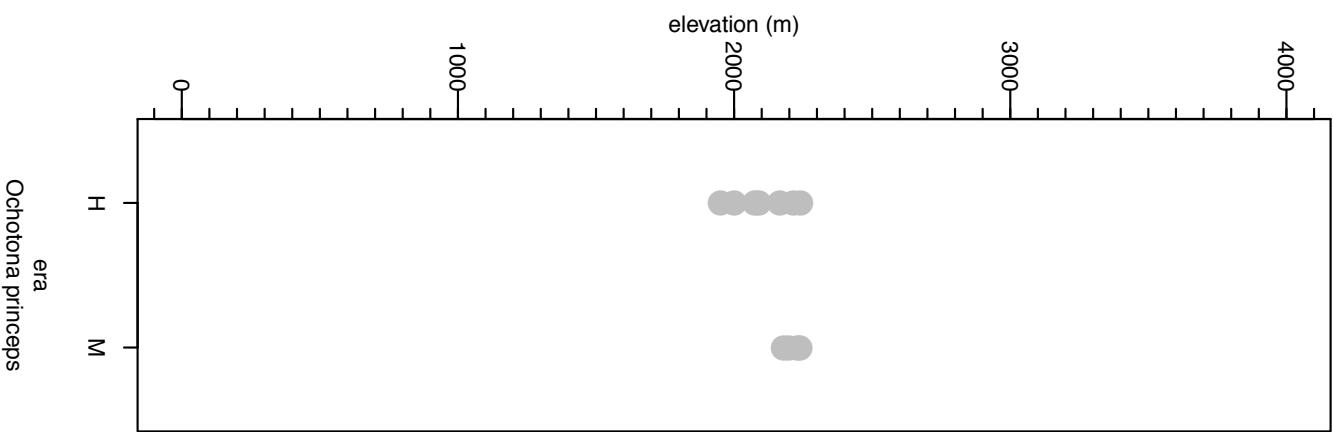
Sequoia – East Slope



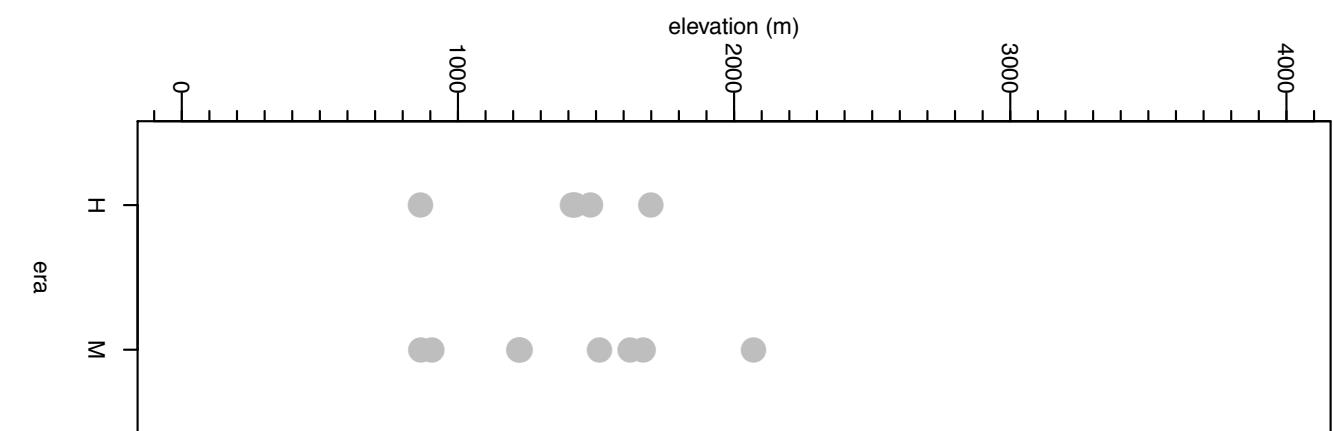
Lassen – East Slope



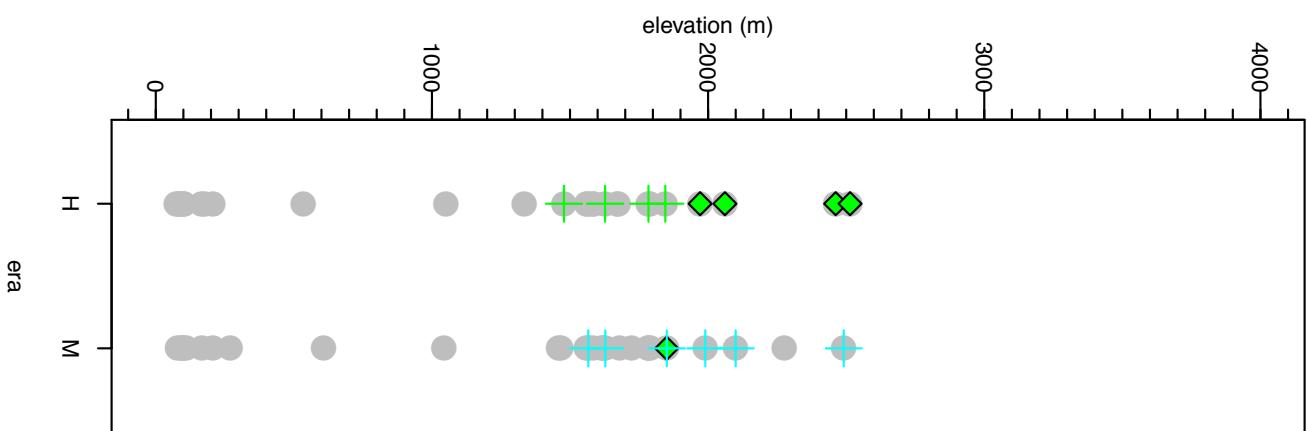
Yosemite – East Slope



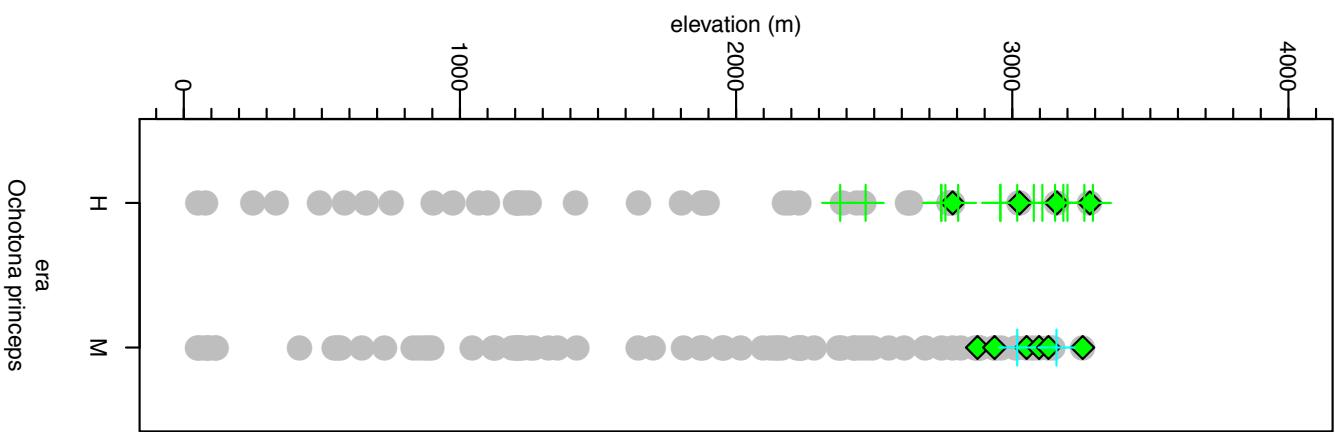
Sequoia – East Slope



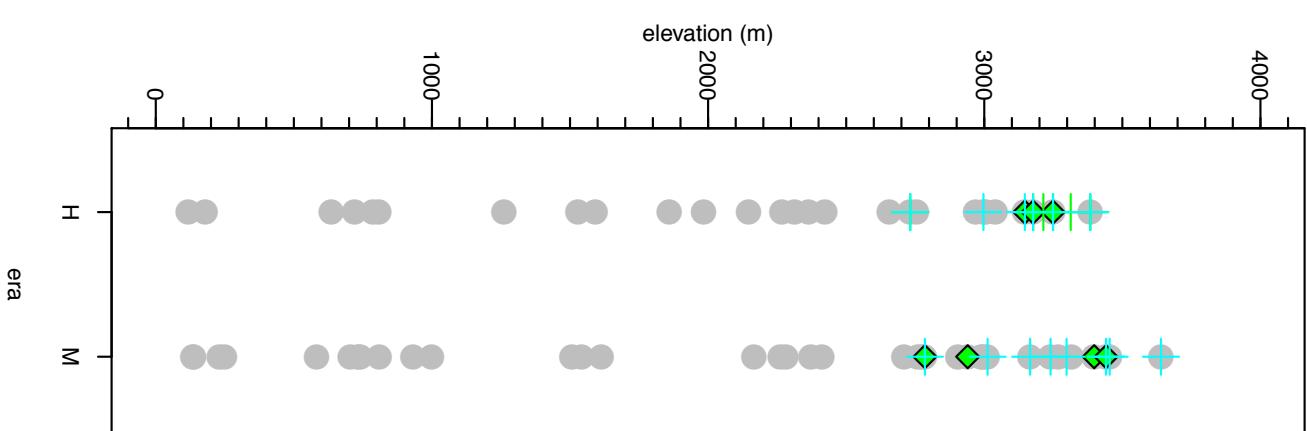
Lassen – West Slope



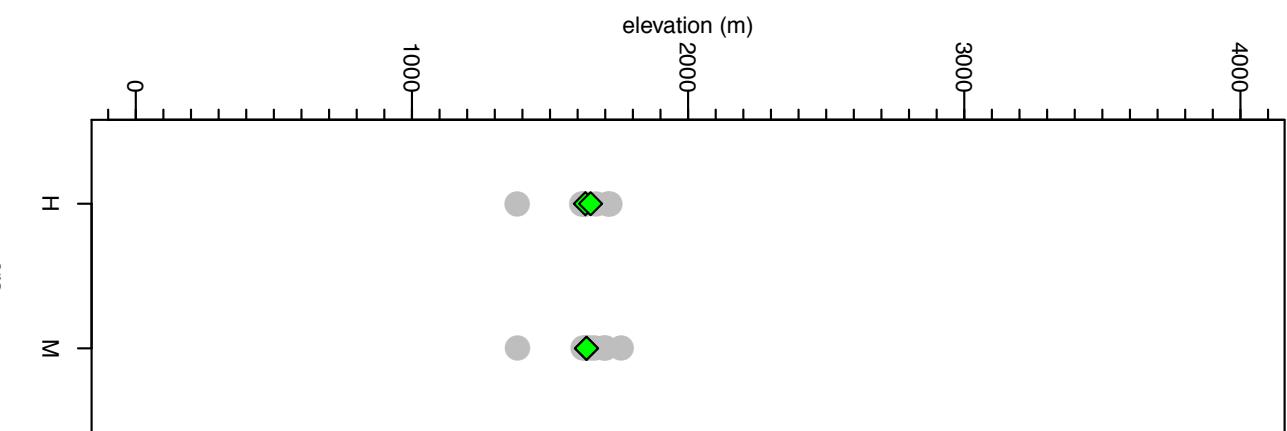
Yosemite – West Slope



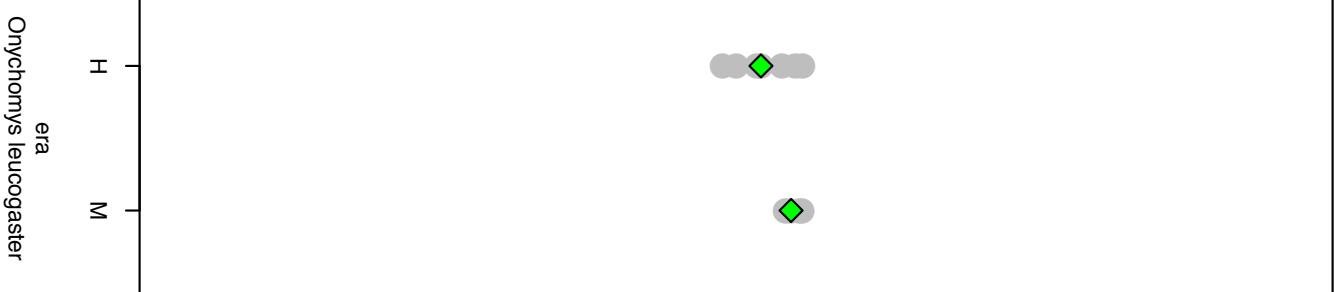
Sequoia – West Slope



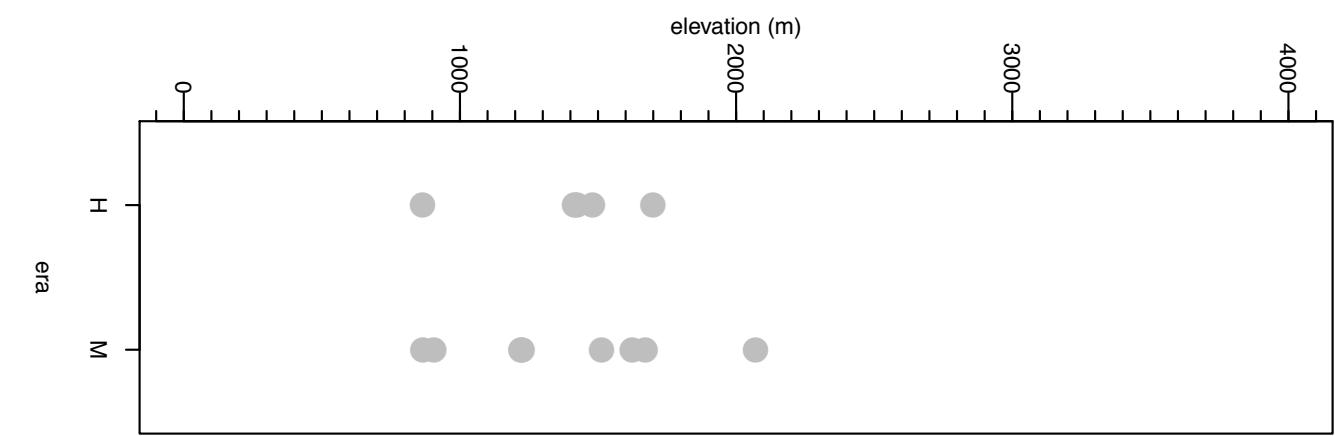
Lassen – East Slope



Yosemite – East Slope

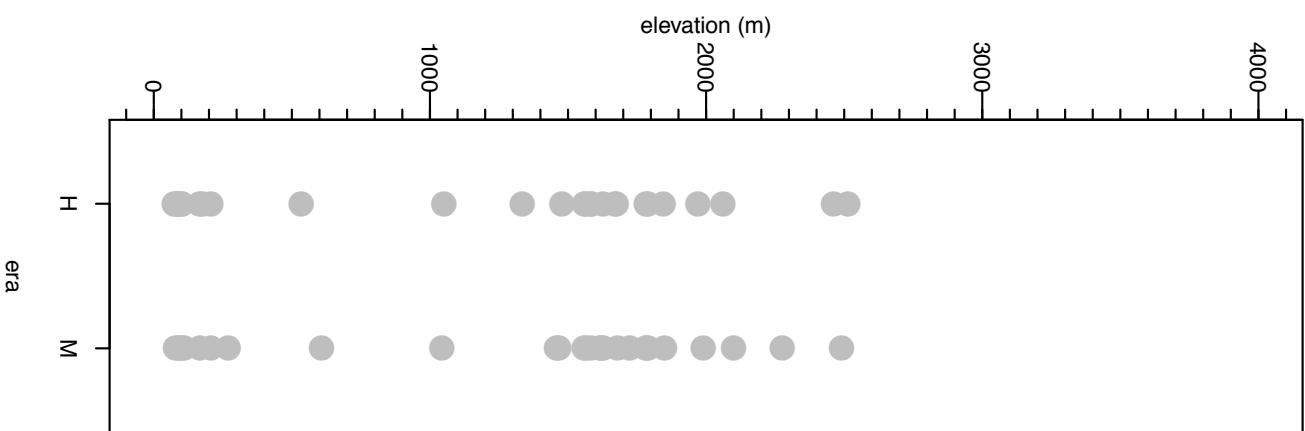


Sequoia – East Slope

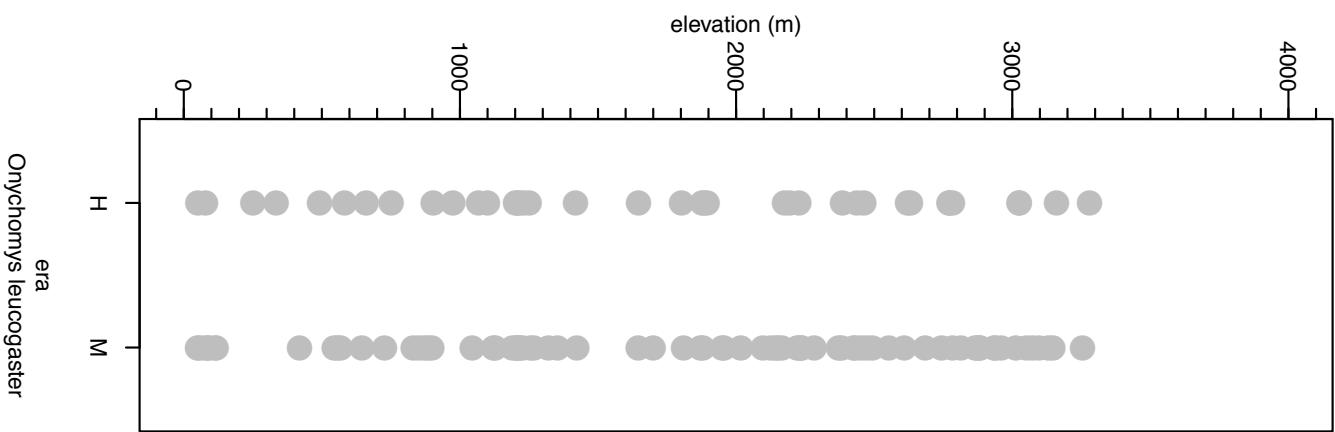


Onychomys leucogaster

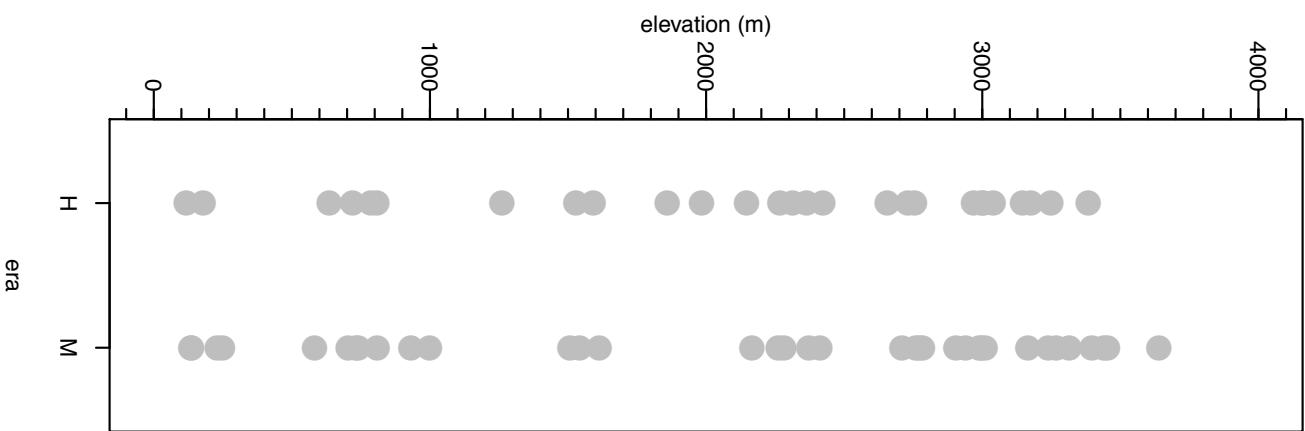
Lassen – West Slope



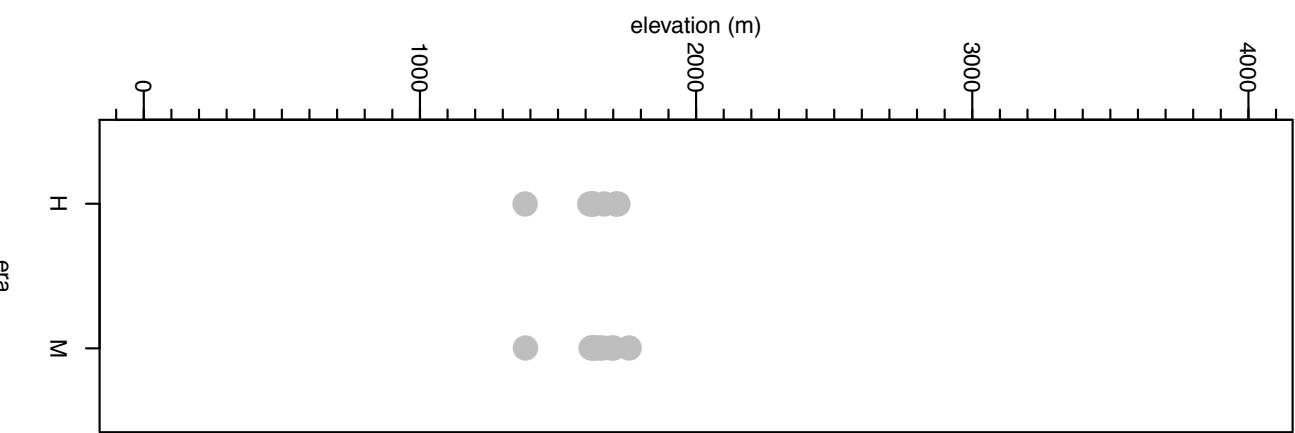
Yosemite – West Slope



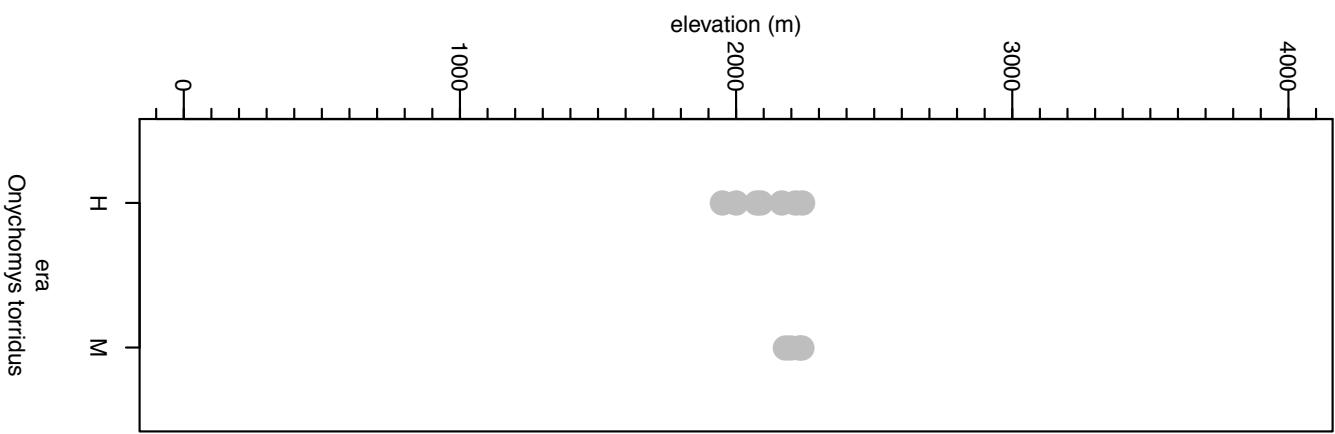
Sequoia – West Slope



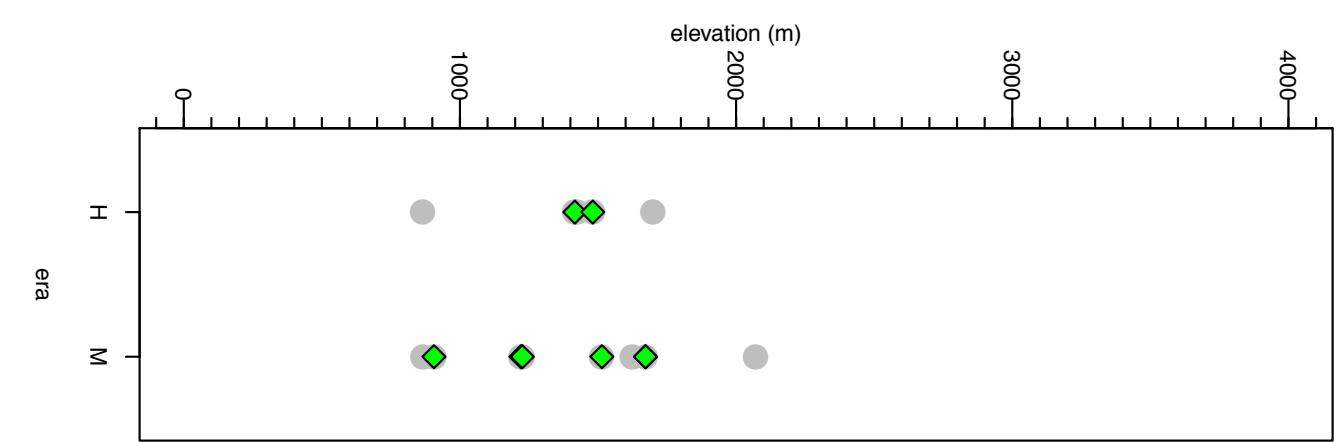
Lassen – East Slope



Yosemite – East Slope

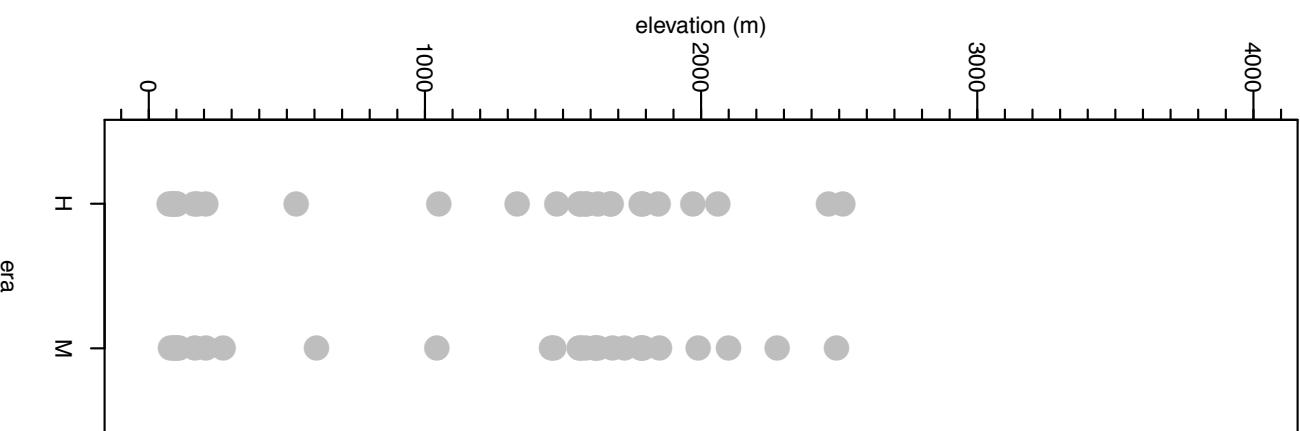


Sequoia – East Slope

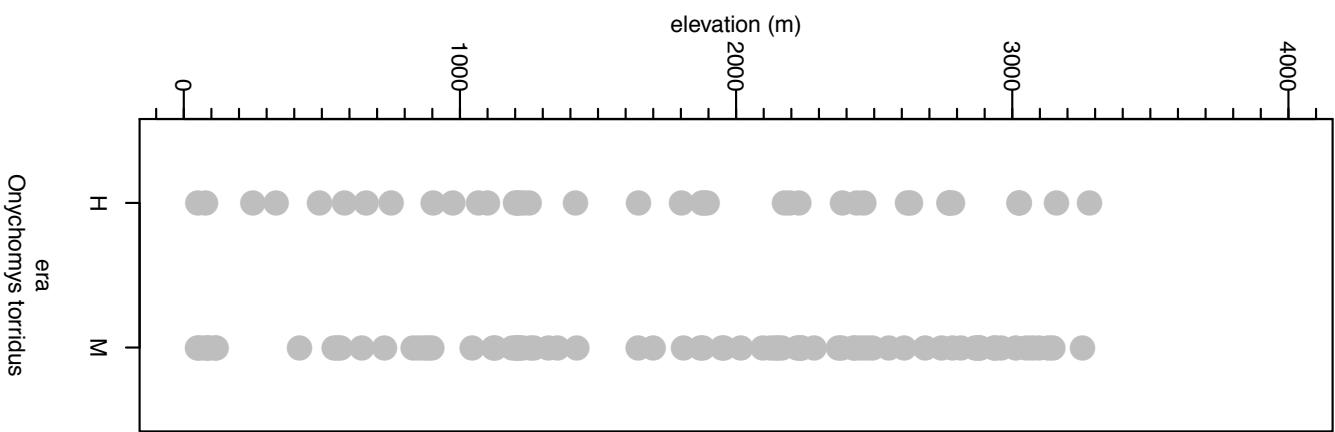


Onychomys torridus

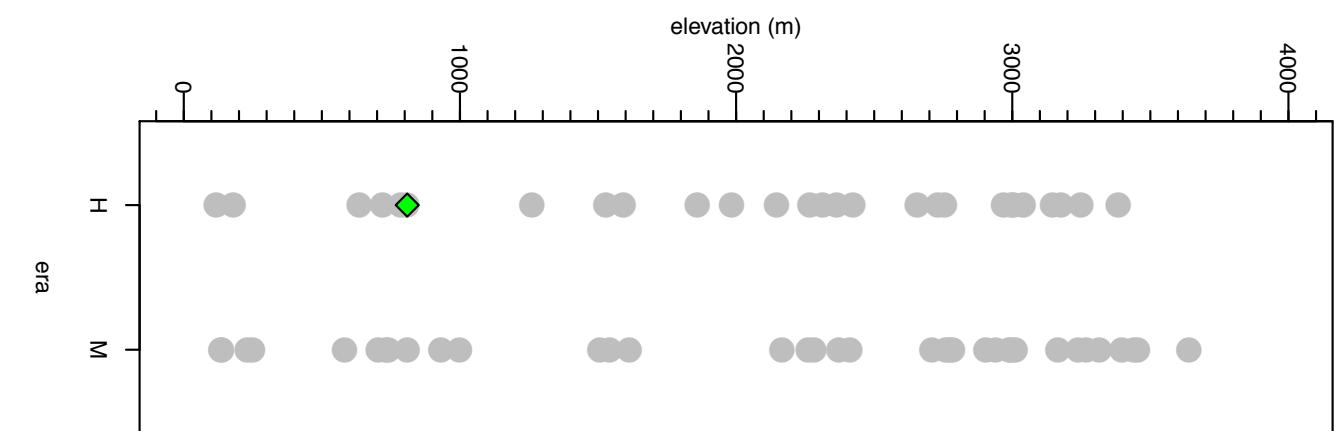
Lassen – West Slope



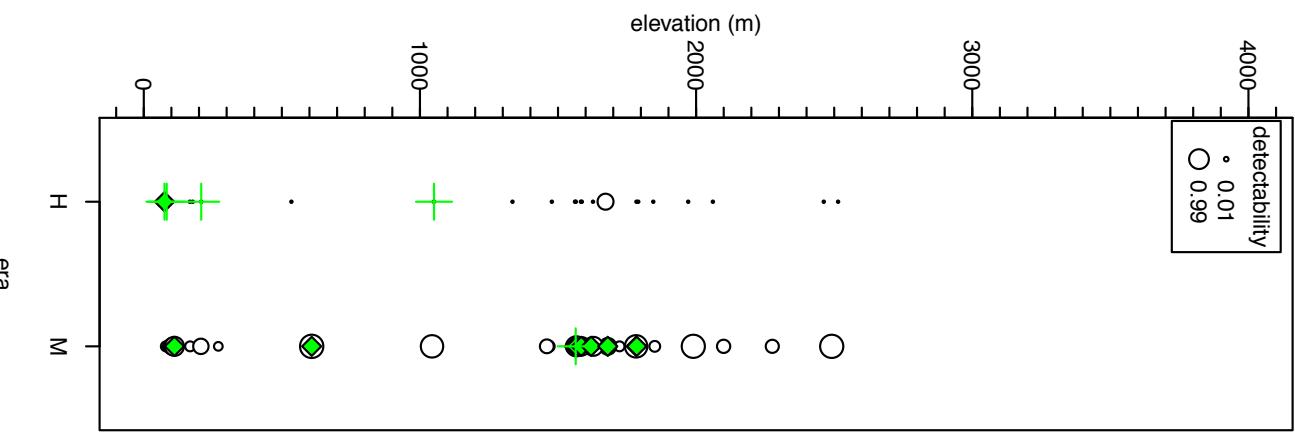
Yosemite – West Slope



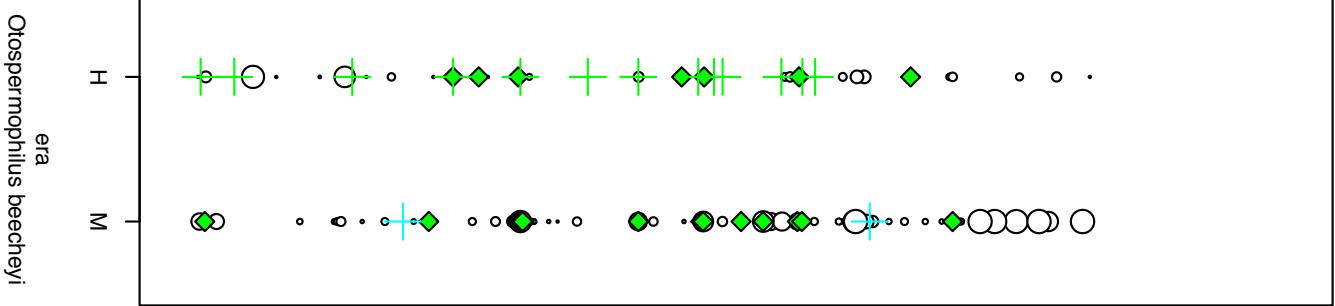
Sequoia – West Slope



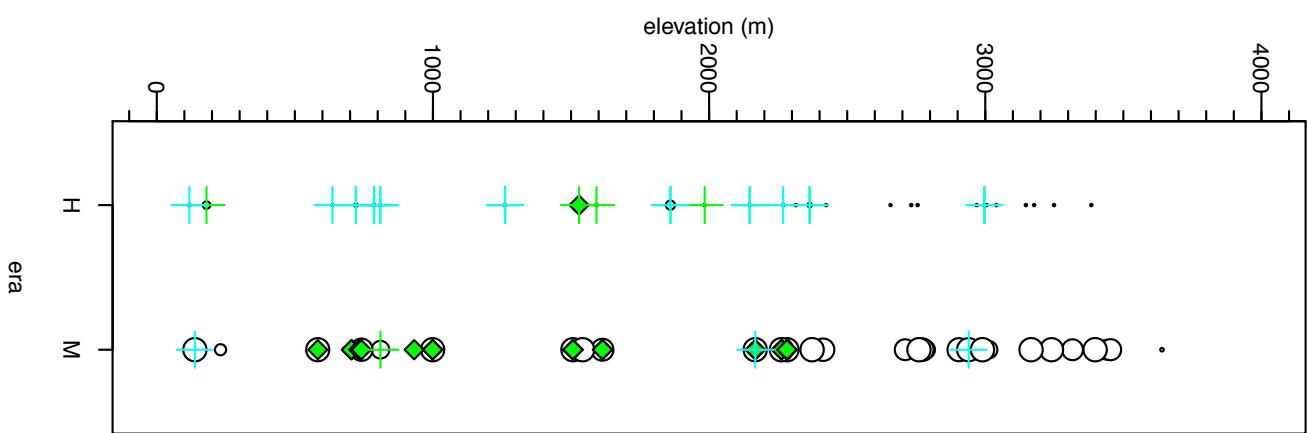
Lassen – West Slope



Yosemite – West Slope

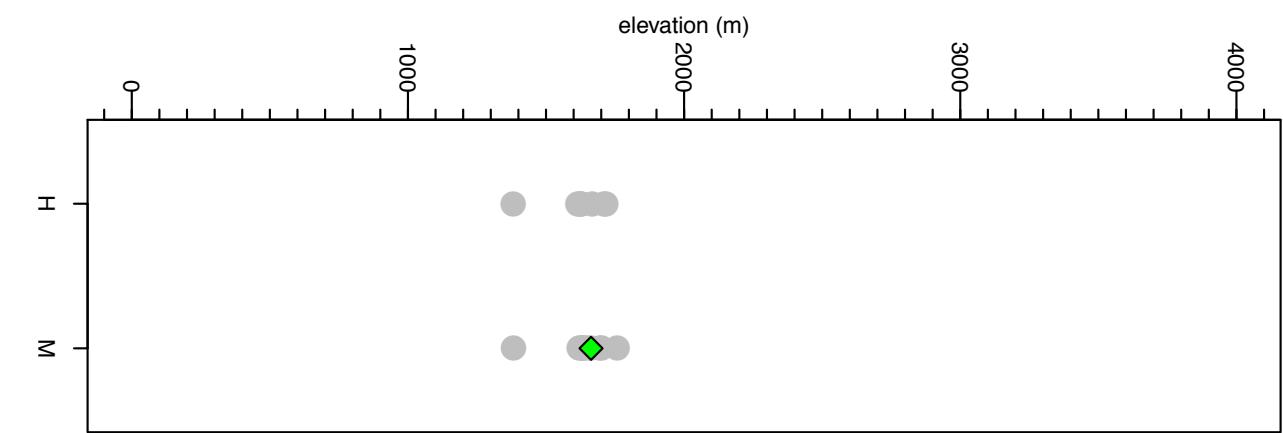


Sequoia – West Slope

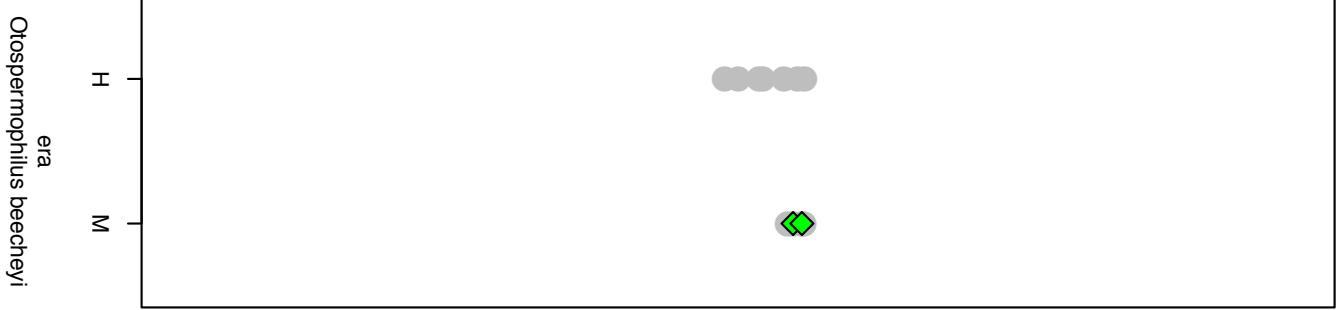


Otospermophilus beecheyi

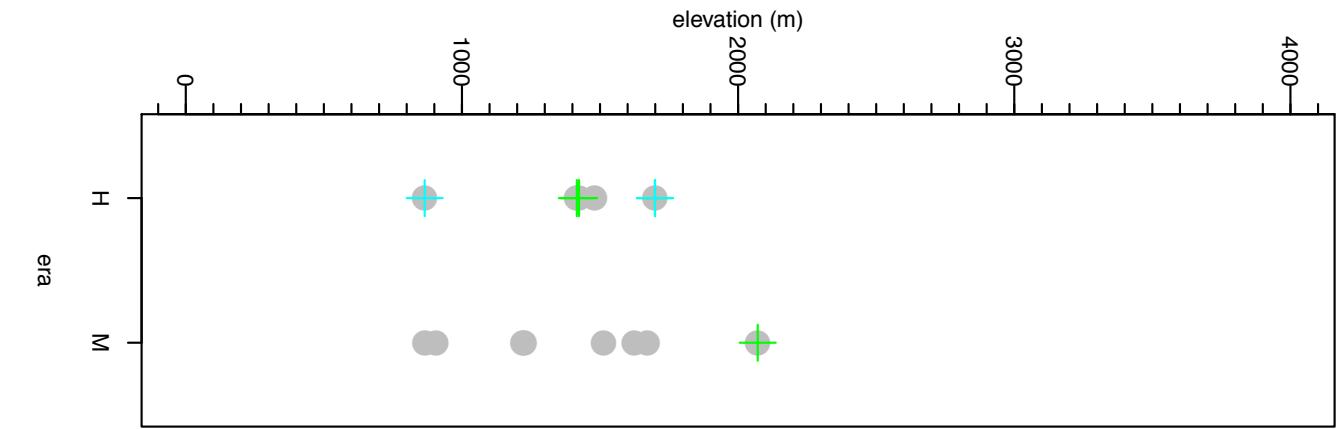
Lassen – East Slope



Yosemite – East Slope

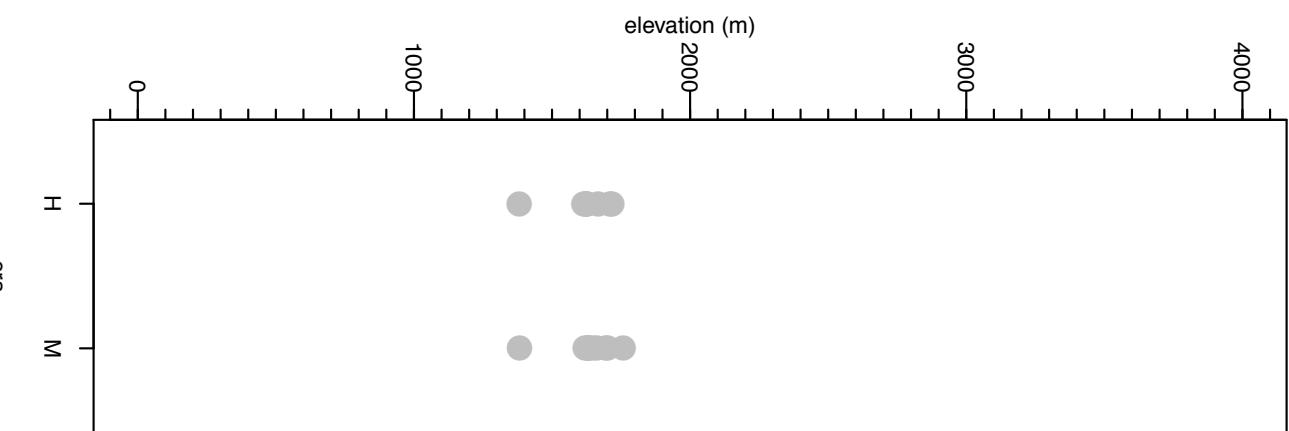


Sequoia – East Slope



Otospermophilus beecheyi

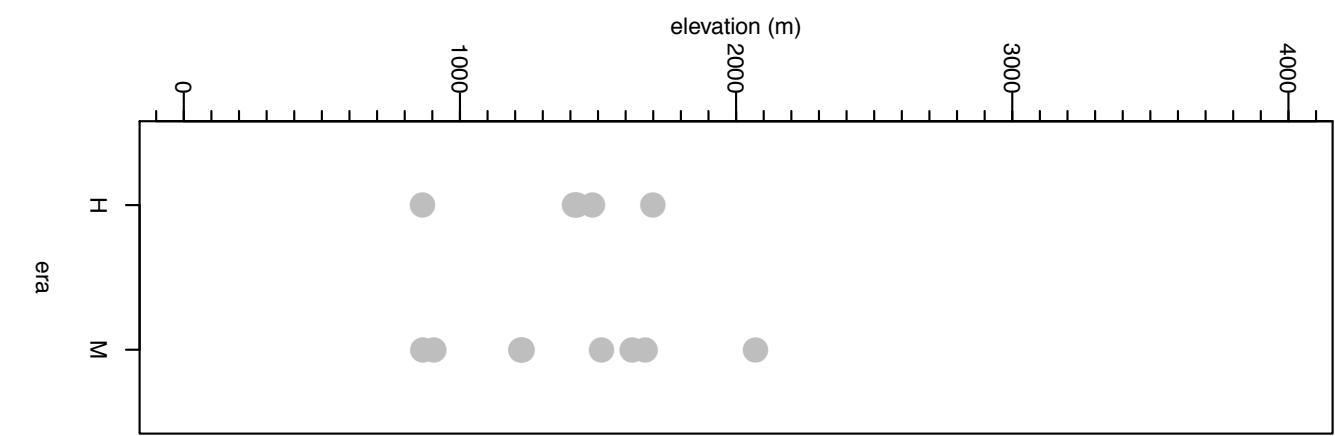
Lassen – East Slope



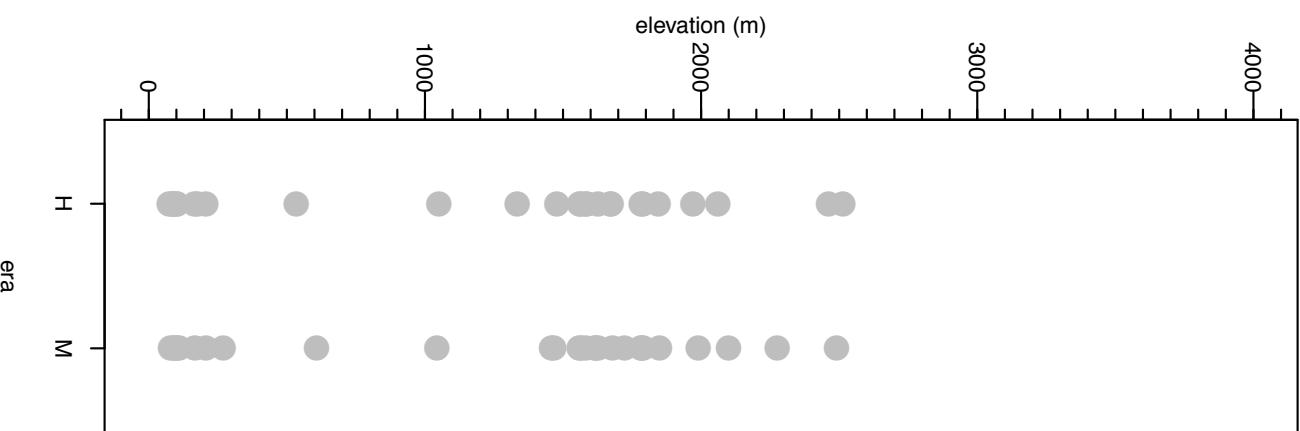
Yosemite – East Slope



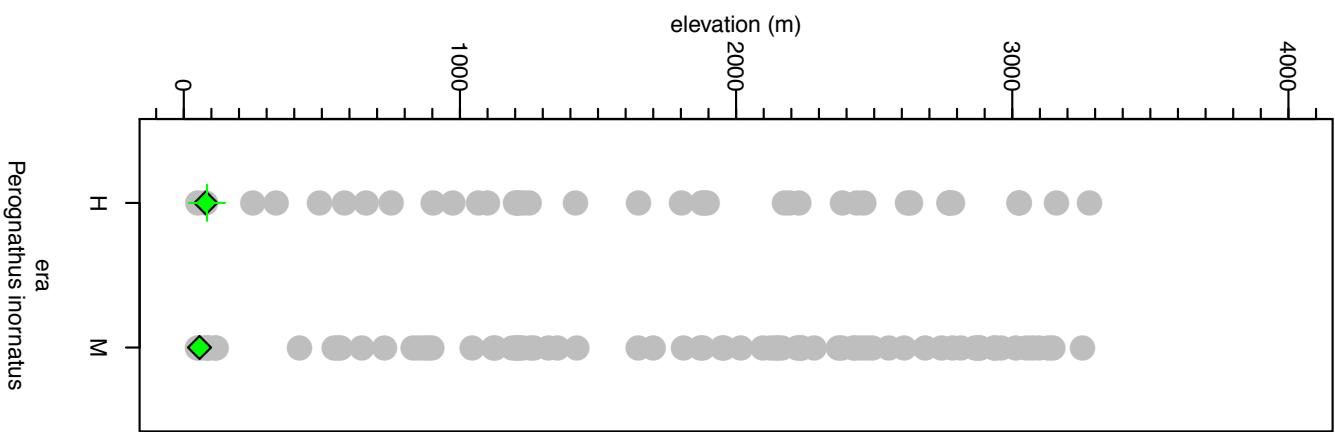
Sequoia – East Slope



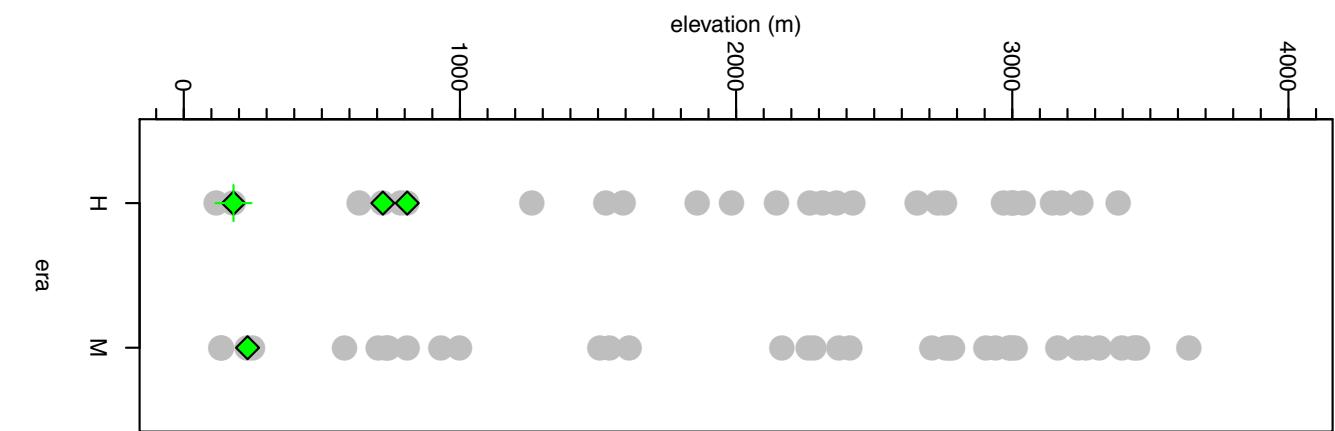
Lassen – West Slope



Yosemite – West Slope

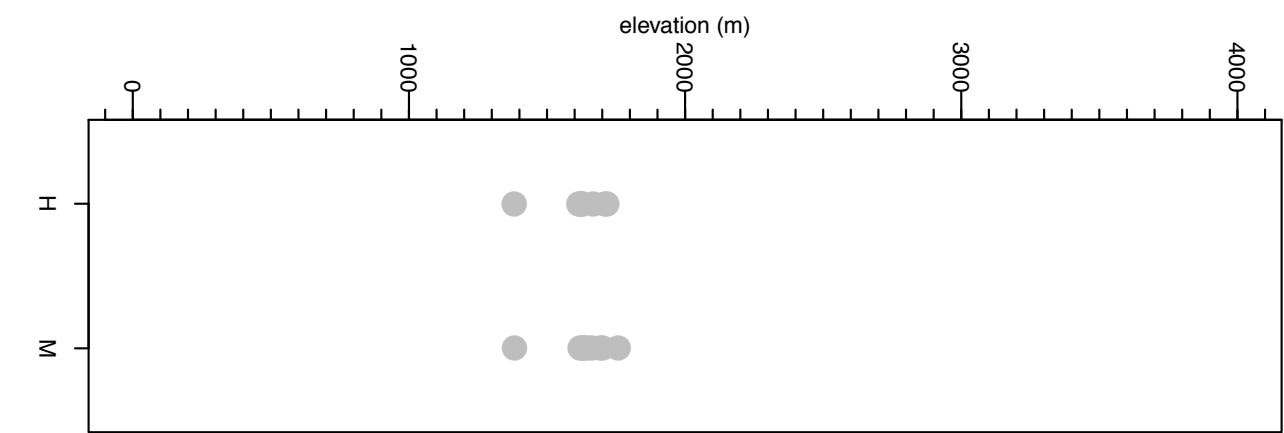


Sequoia – West Slope

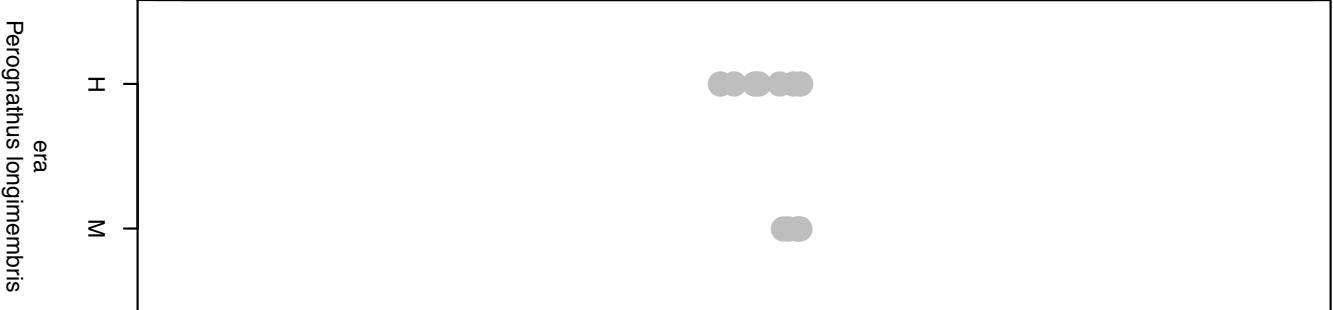


Perognathus inornatus

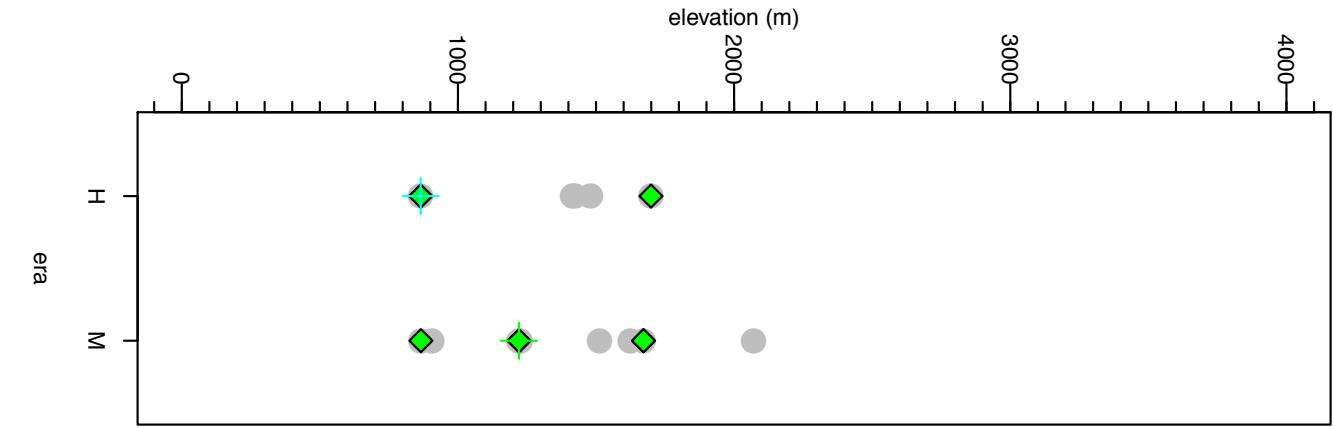
Lassen – East Slope



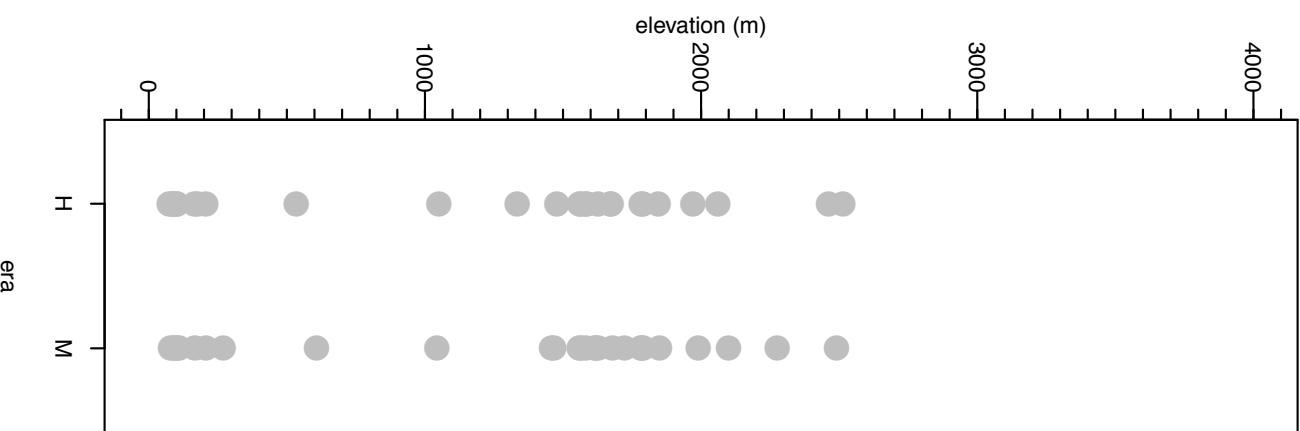
Yosemite – East Slope



Sequoia – East Slope



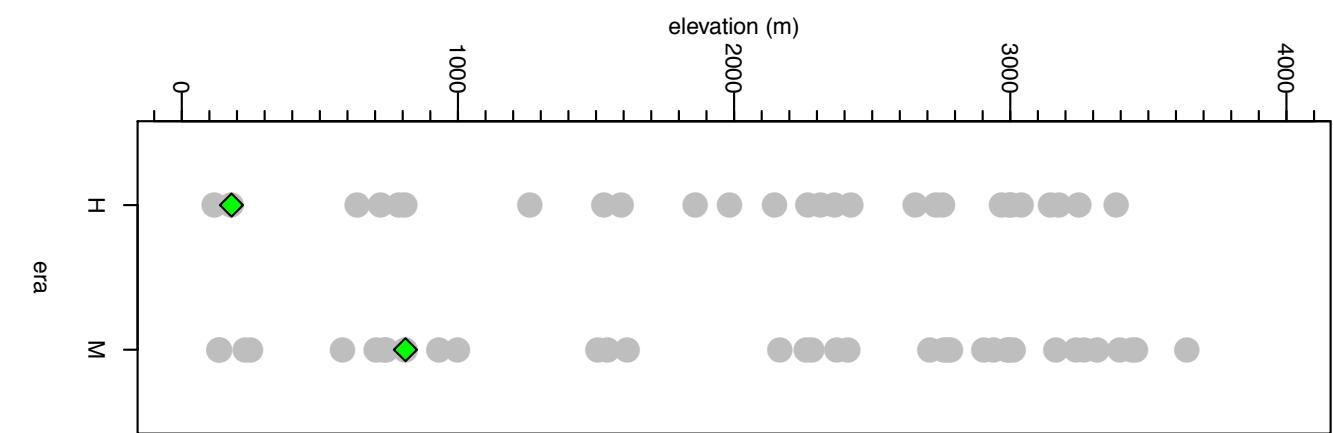
Lassen – West Slope



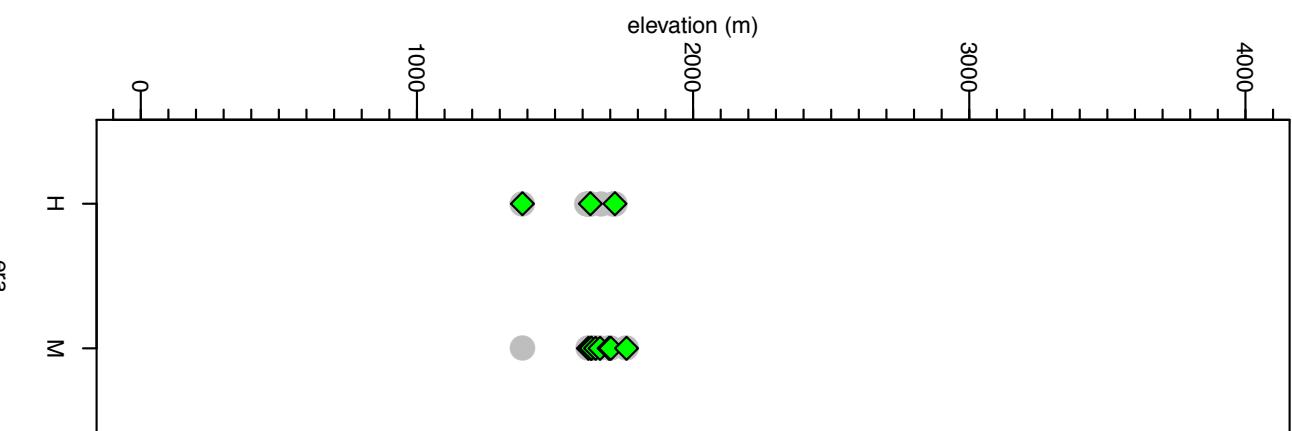
Yosemite – West Slope



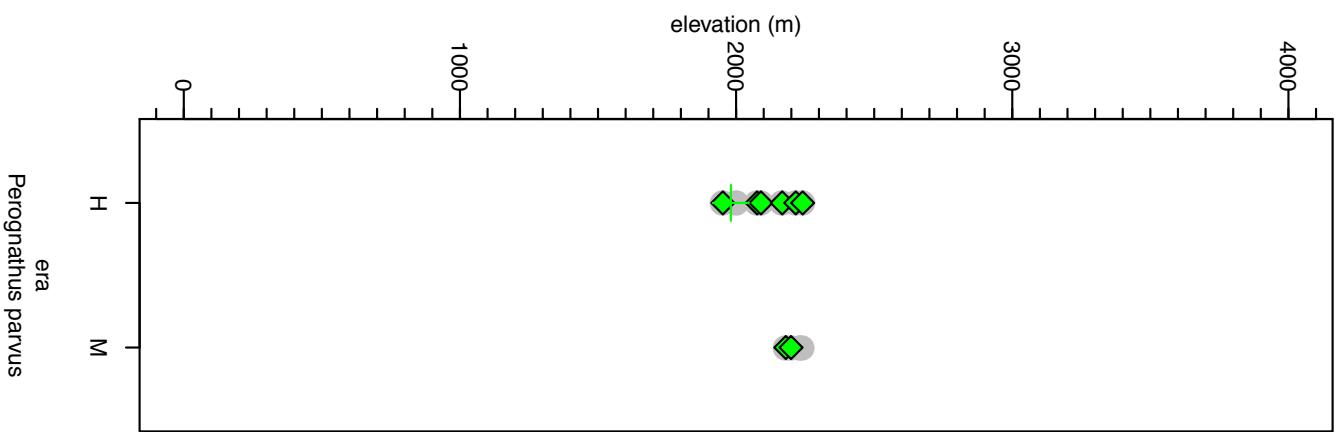
Sequoia – West Slope



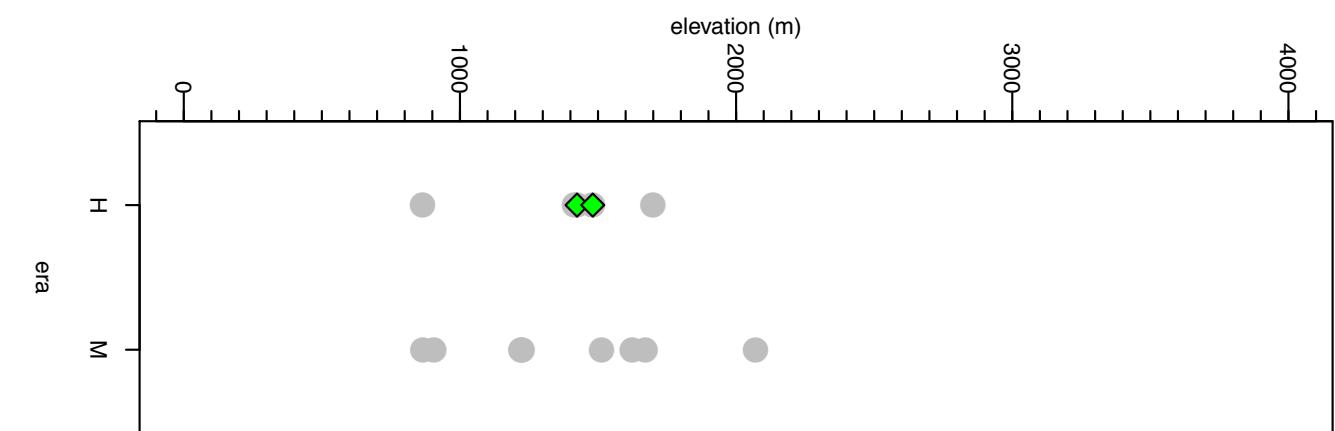
Lassen – East Slope



Yosemite – East Slope

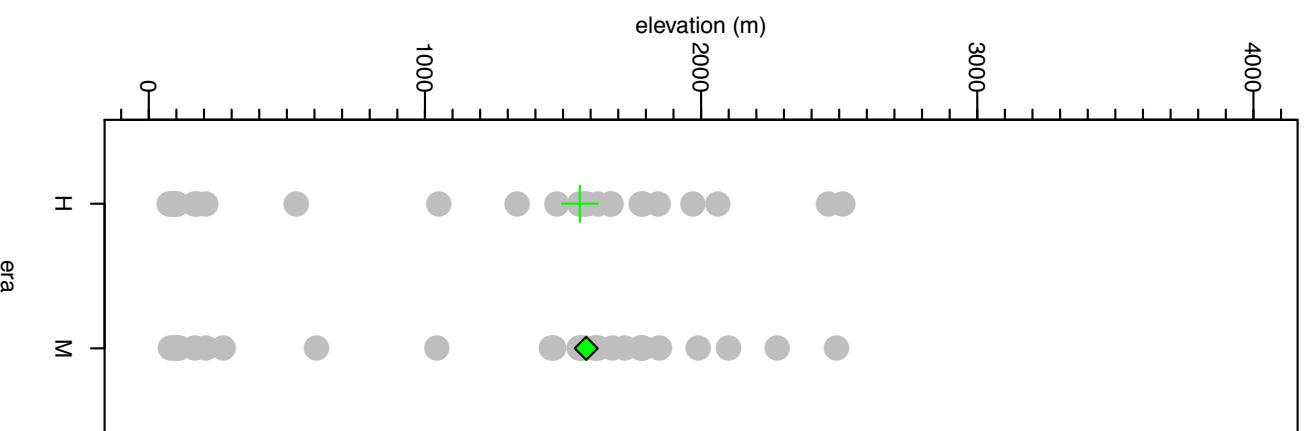


Sequoia – East Slope

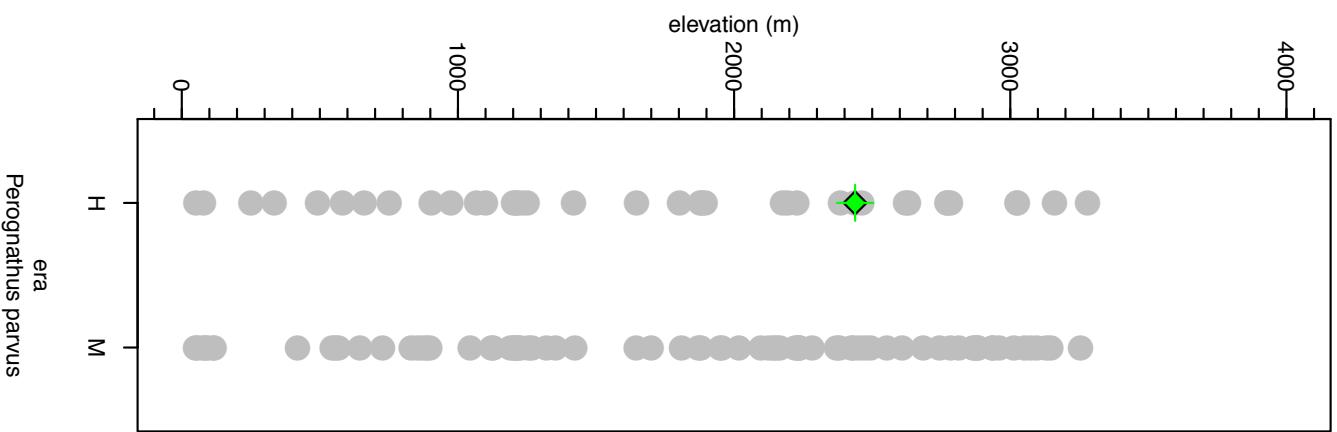


*Perognathus parvus*

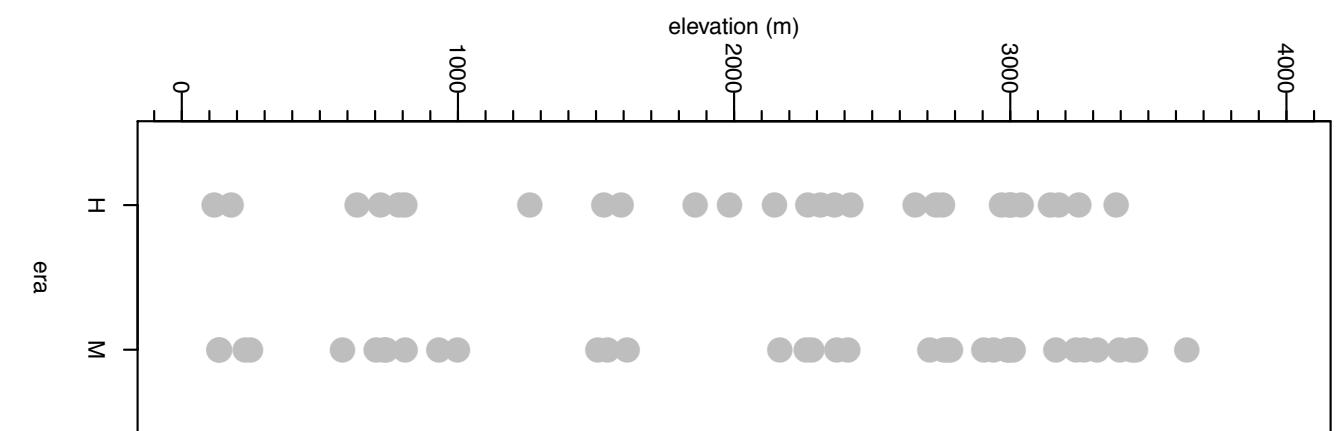
Lassen – West Slope



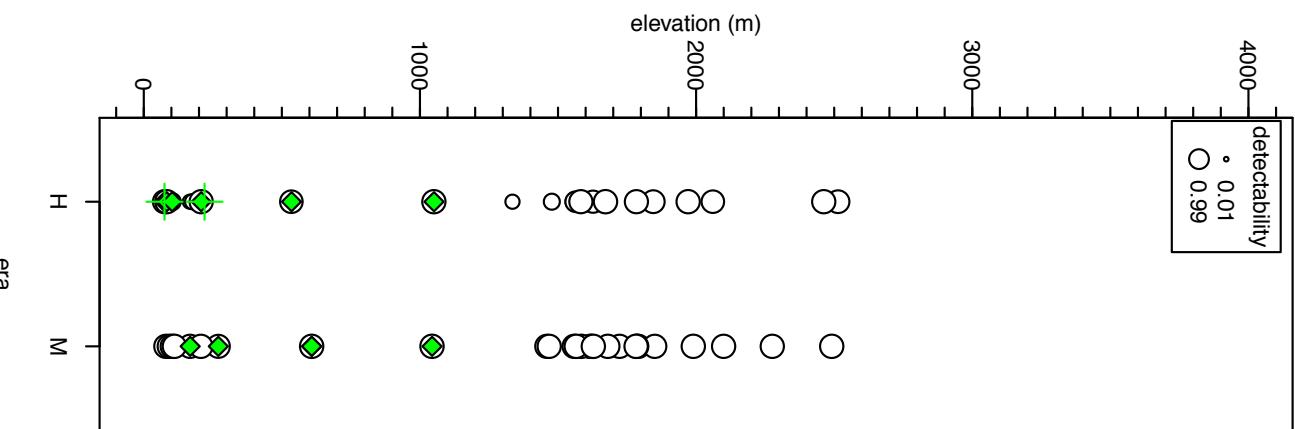
Yosemite – West Slope



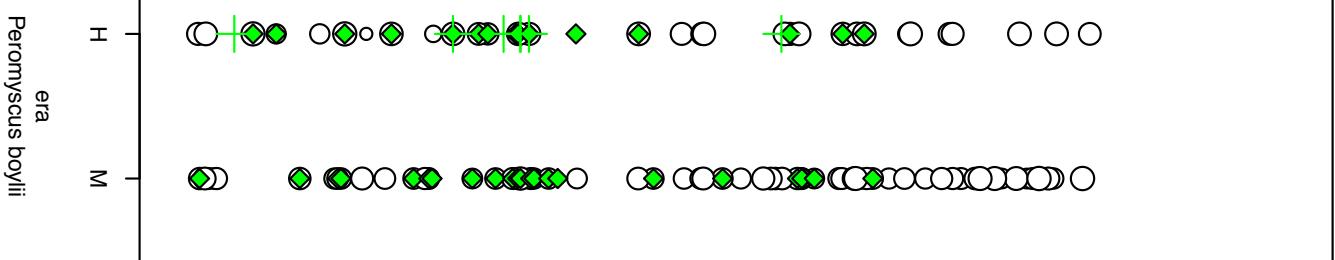
Sequoia – West Slope



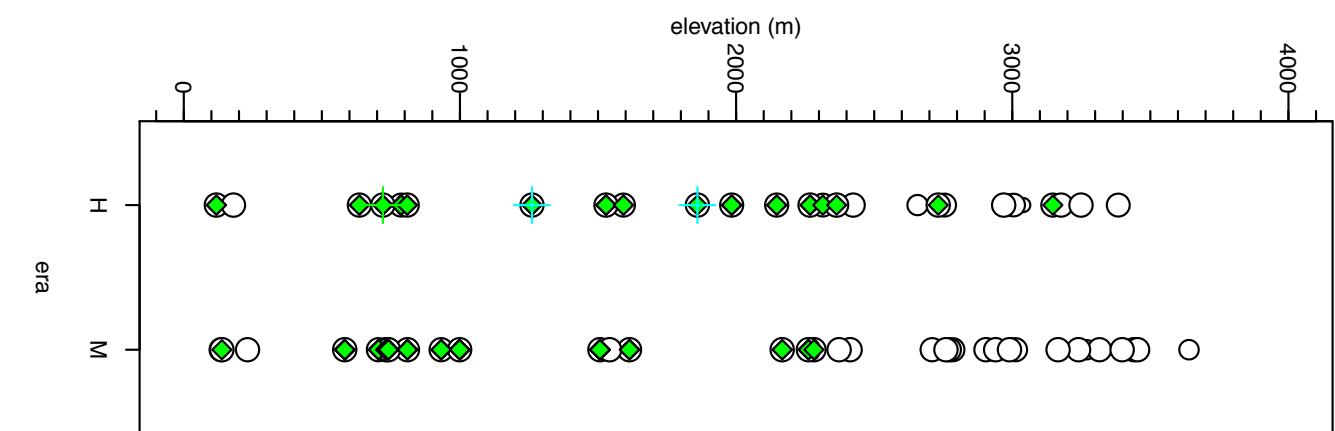
Lassen – West Slope



Yosemite – West Slope

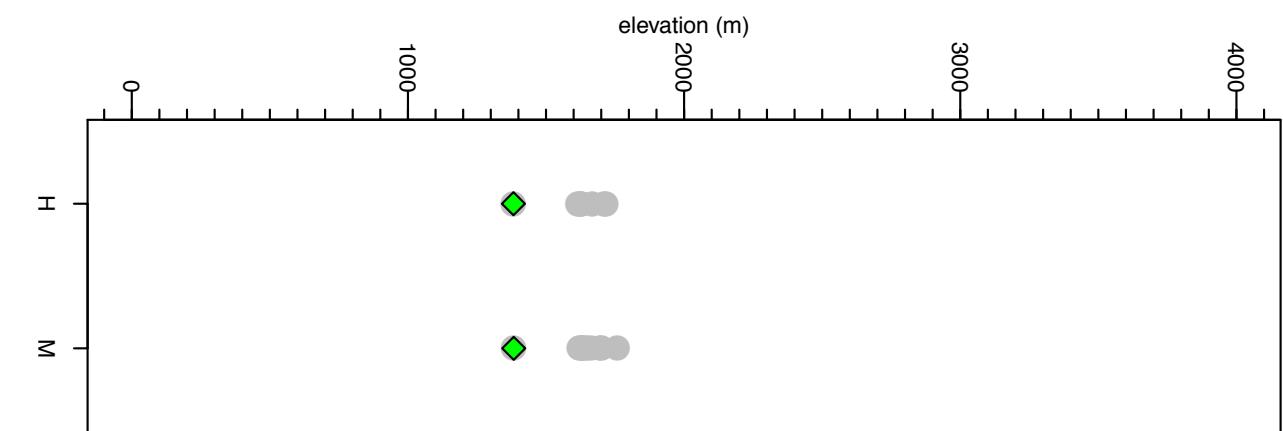


Sequoia – West Slope



*Peromyscus boylii*

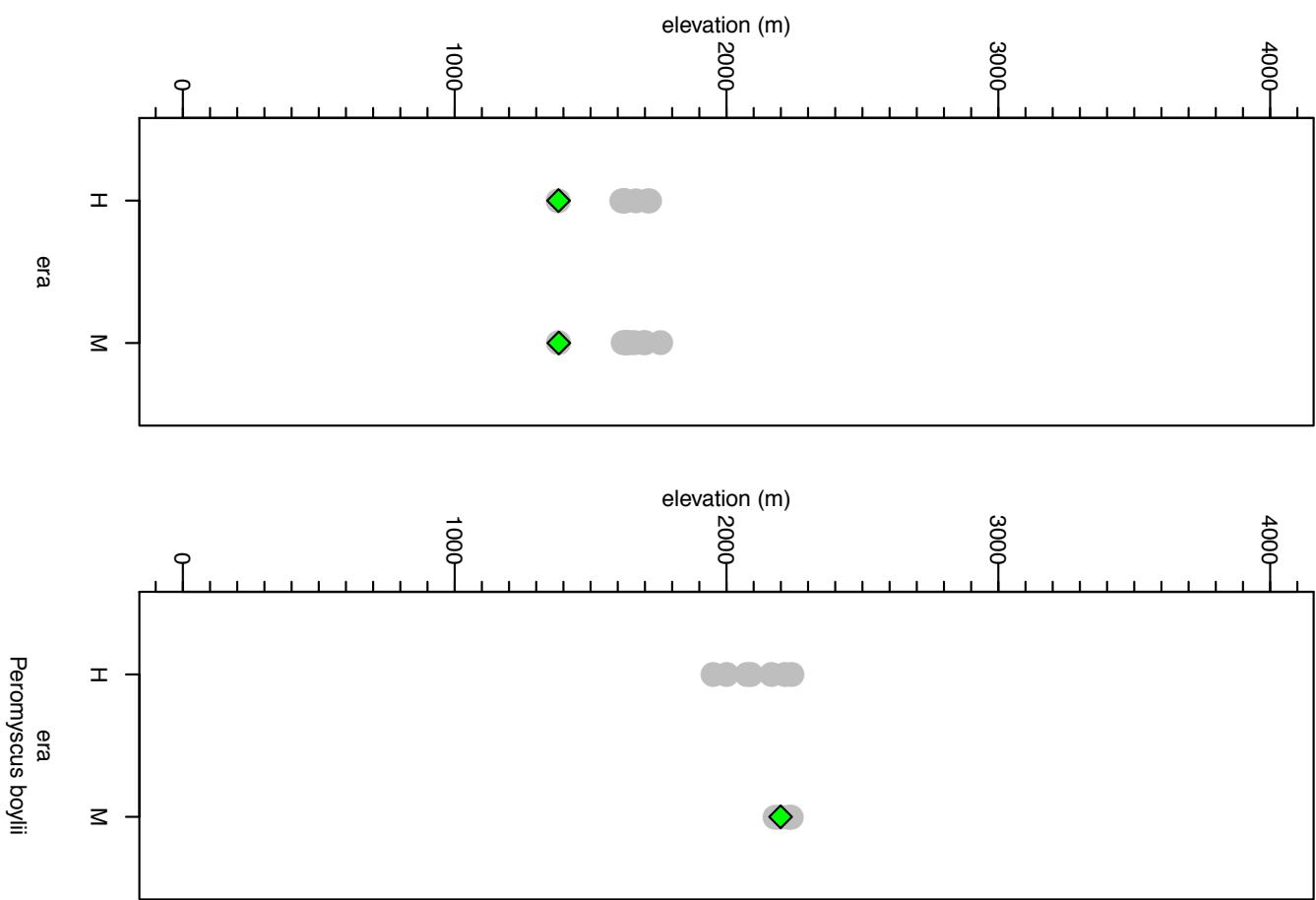
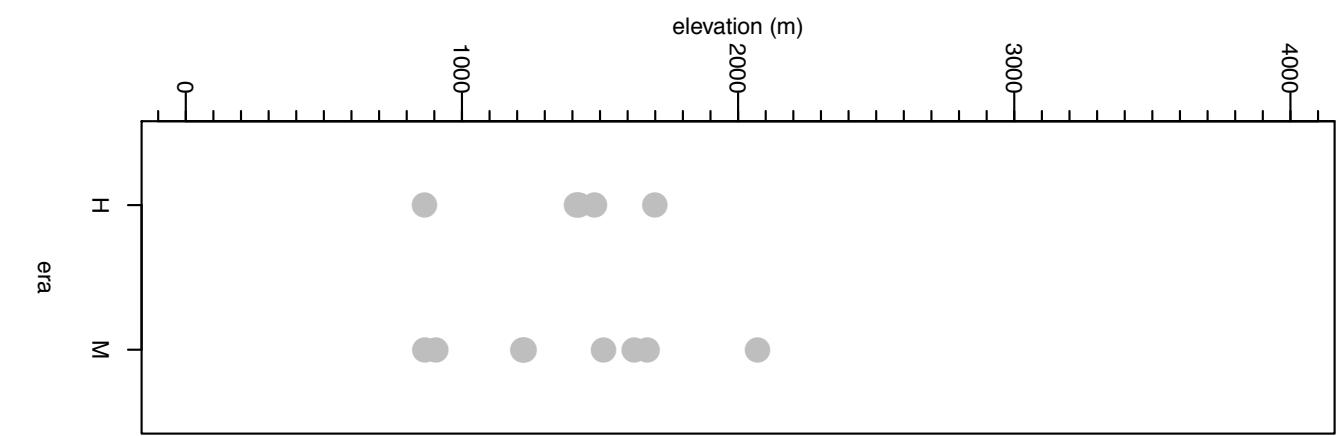
Lassen – East Slope



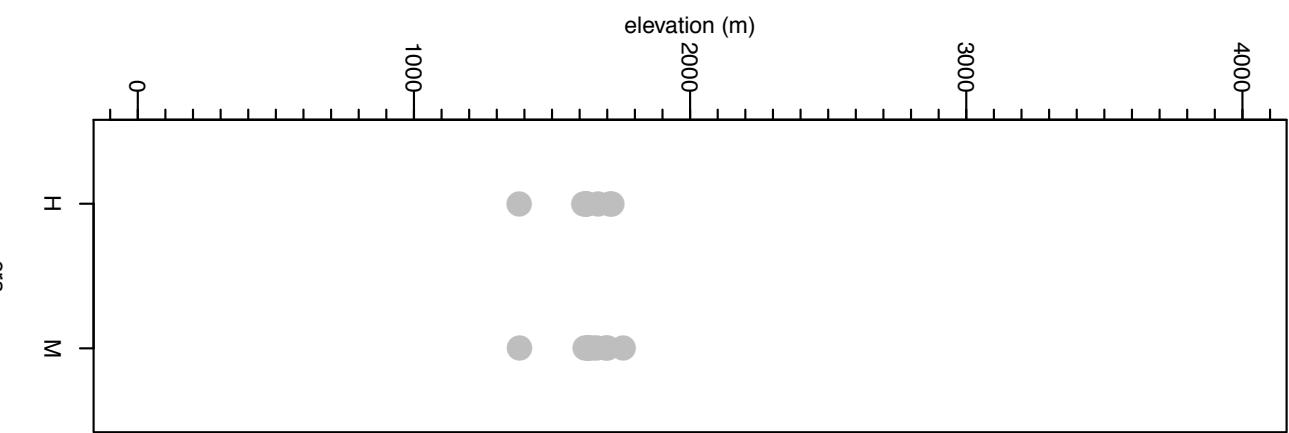
Yosemite – East Slope



Sequoia – East Slope



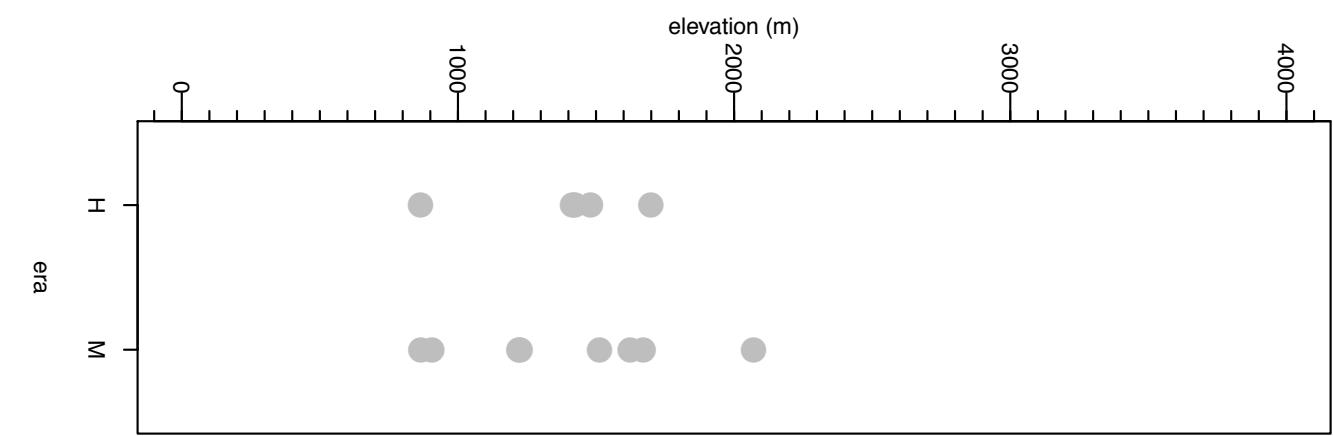
Lassen – East Slope



Yosemite – East Slope

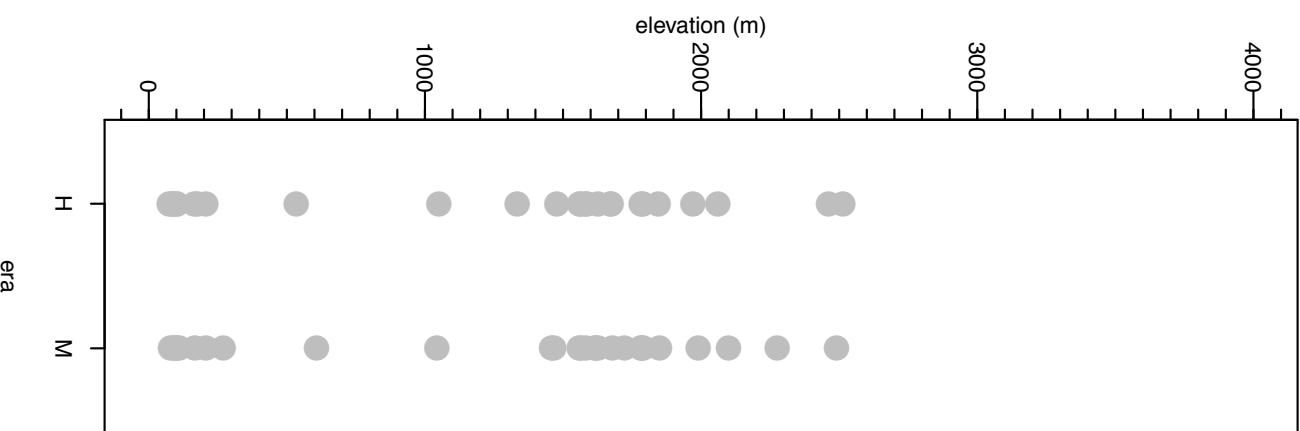


Sequoia – East Slope



*Peromyscus californicus*

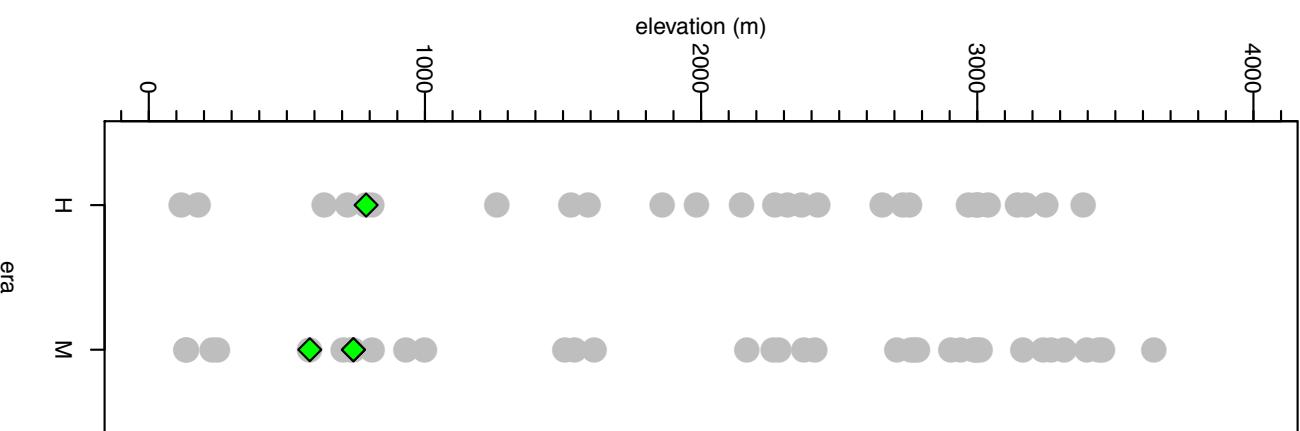
Lassen – West Slope



Yosemite – West Slope

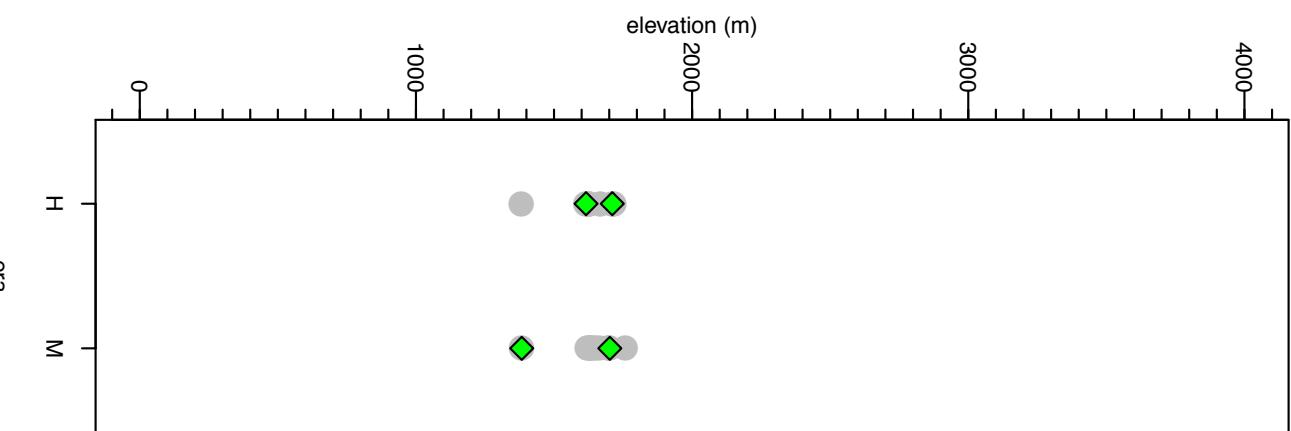


Sequoia – West Slope



*Peromyscus californicus*

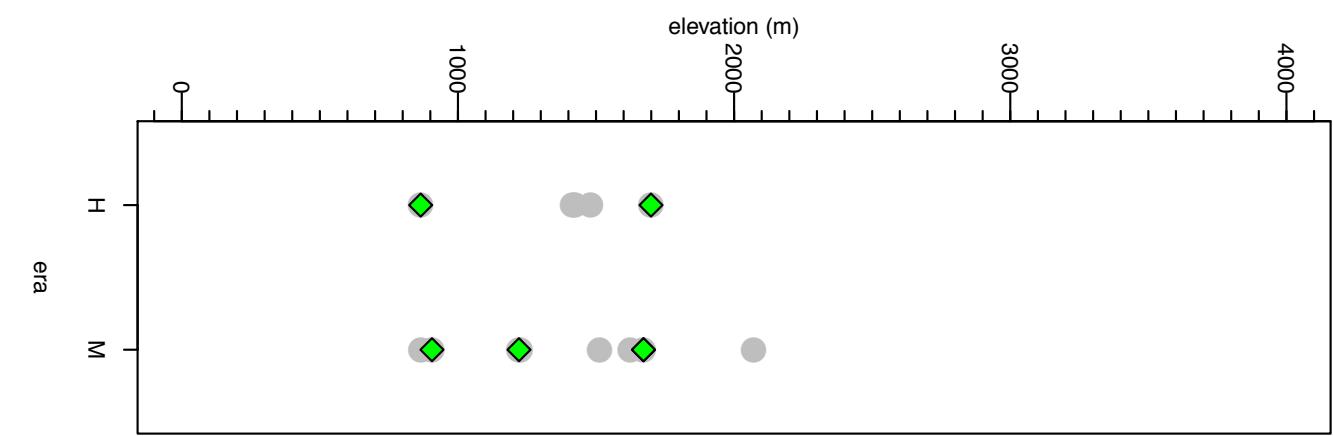
Lassen – East Slope



Yosemite – East Slope

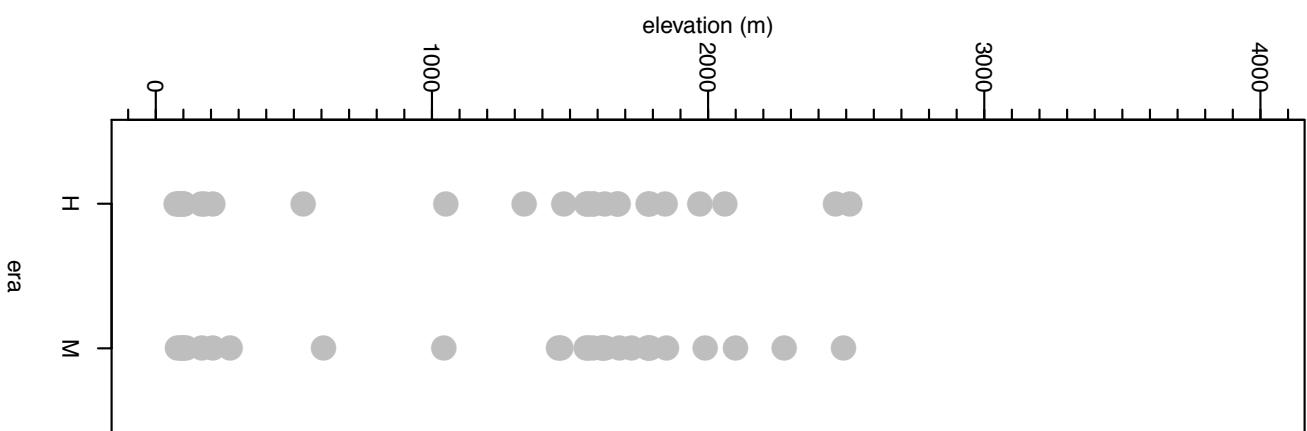


Sequoia – East Slope



Peromyscus crinitus

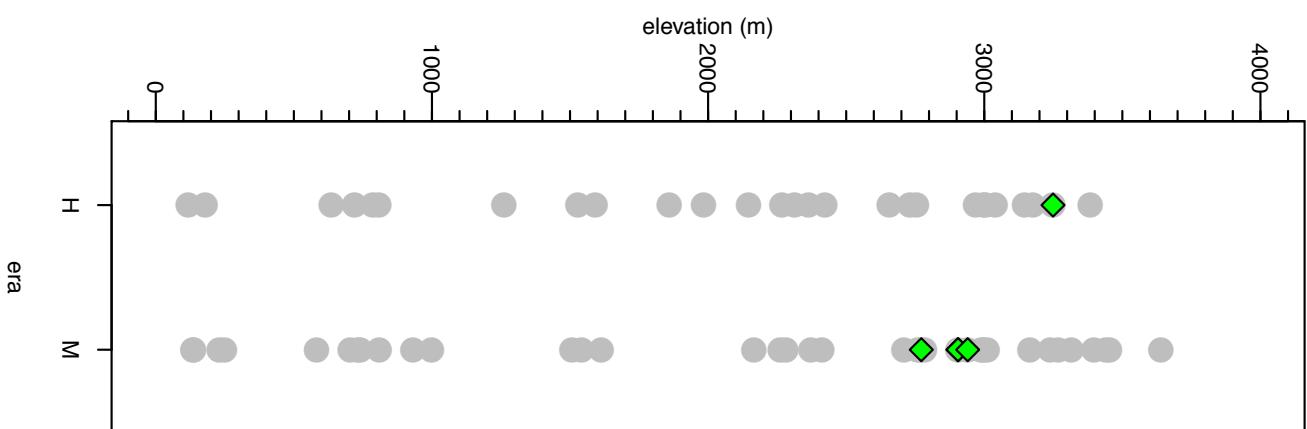
Lassen – West Slope



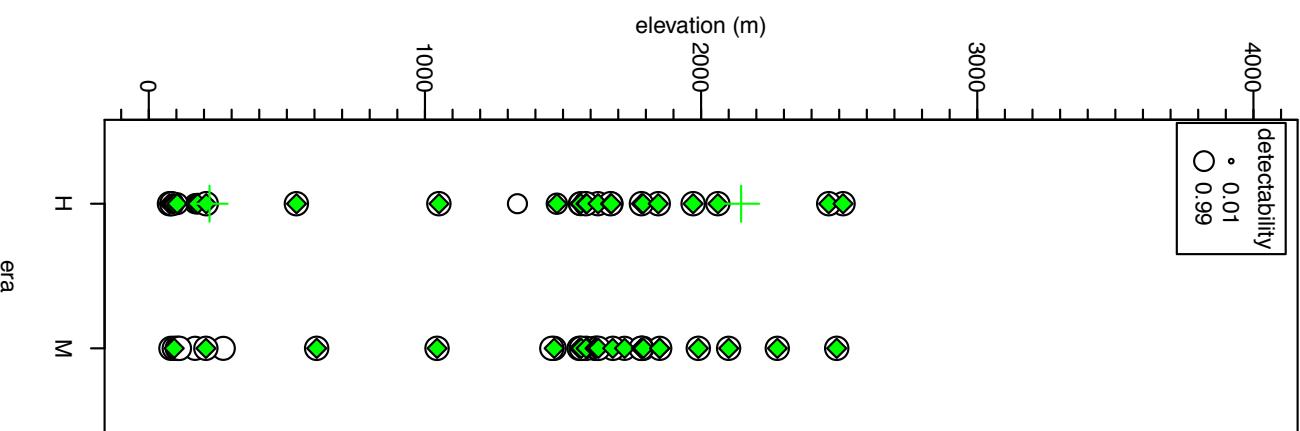
Yosemite – West Slope



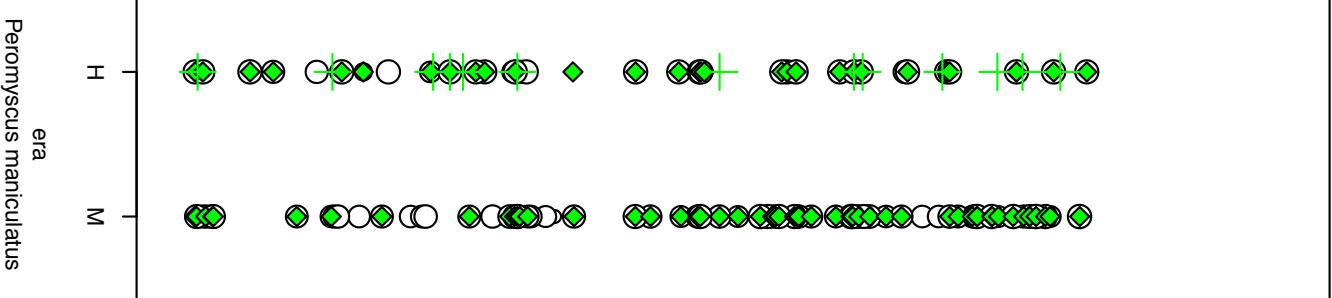
Sequoia – West Slope



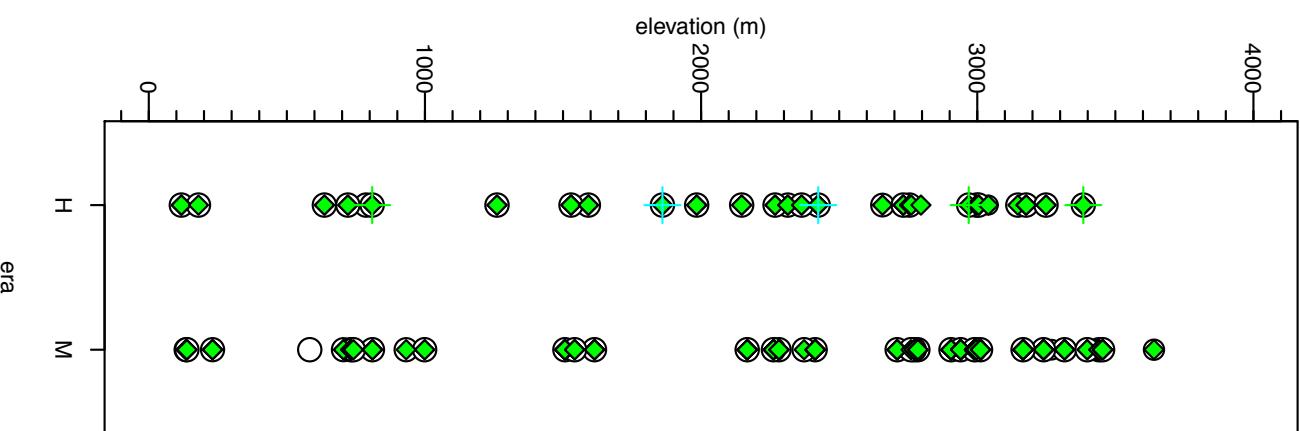
Lassen – West Slope



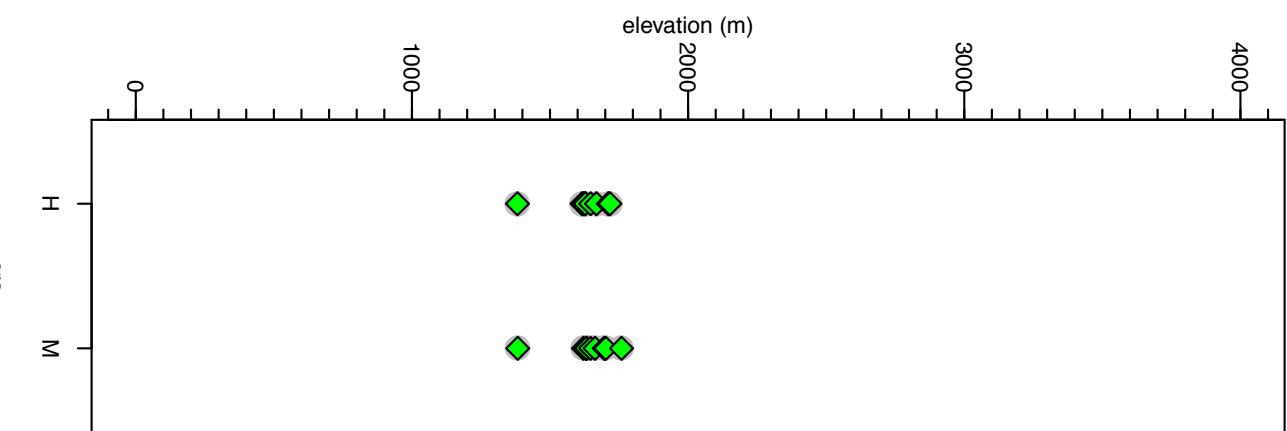
Yosemite – West Slope



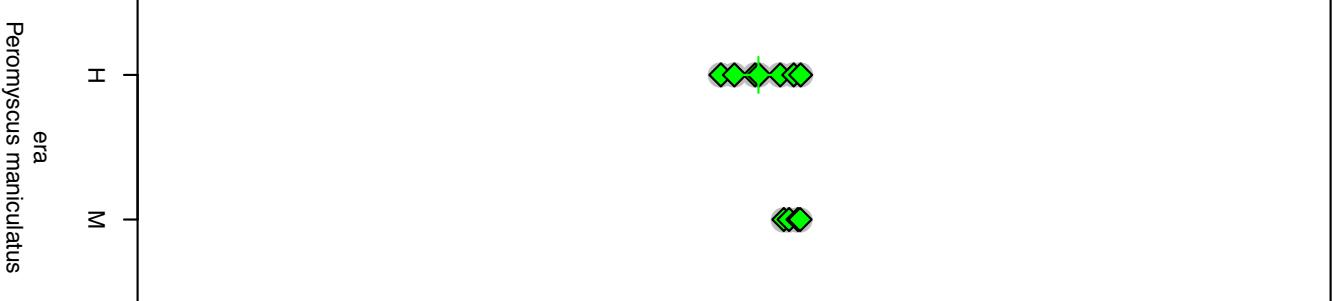
Sequoia – West Slope



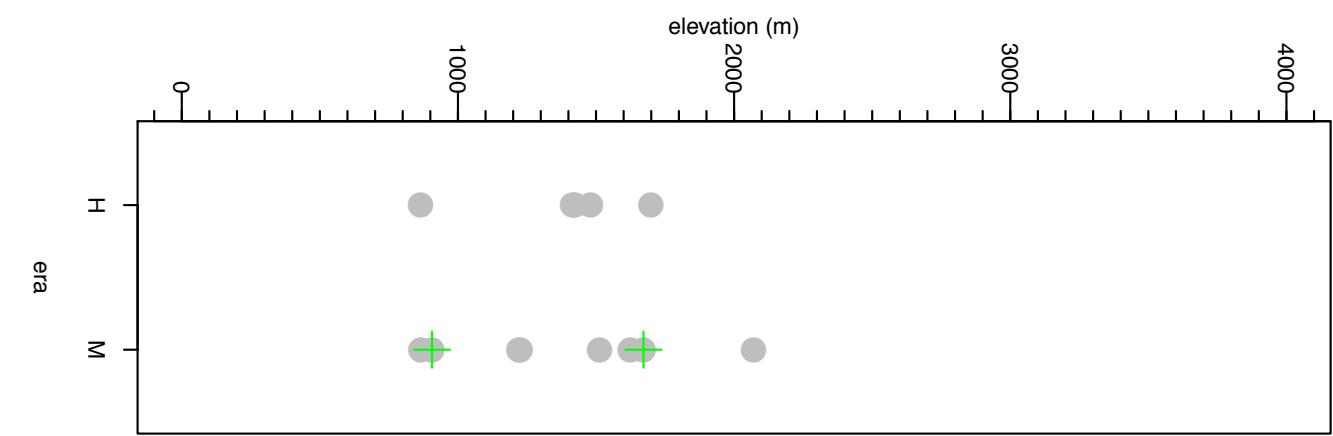
Lassen – East Slope



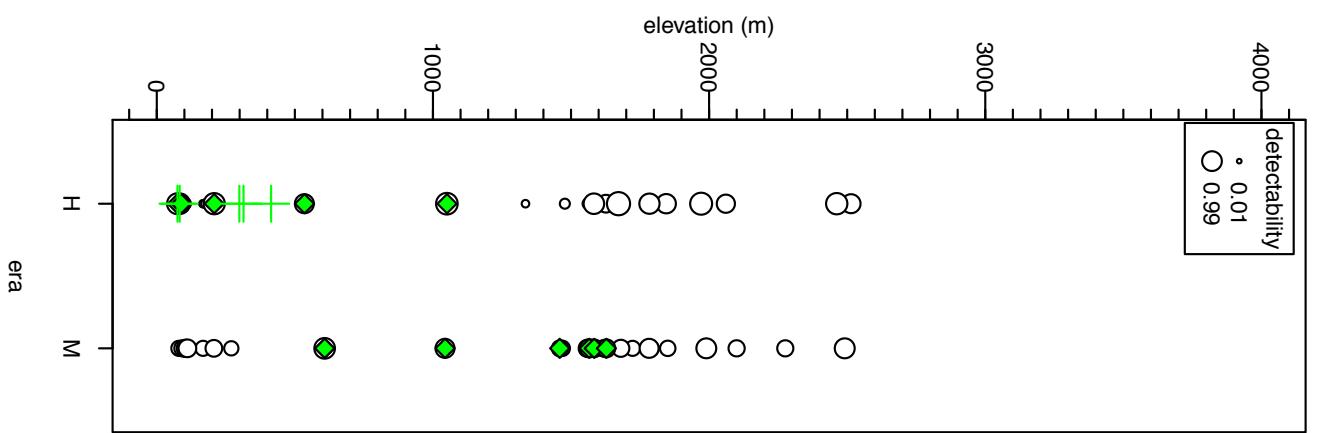
Yosemite – East Slope



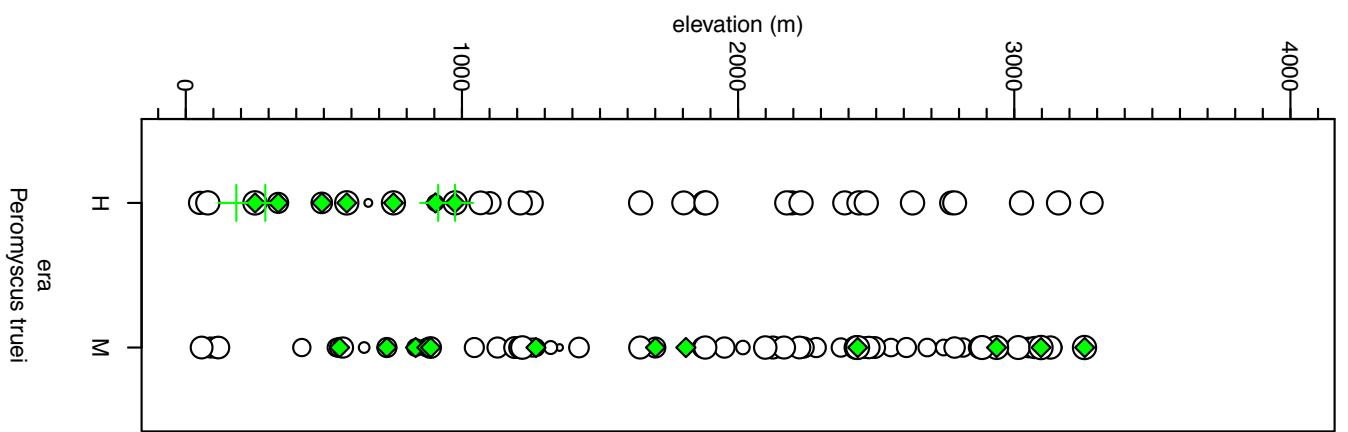
Sequoia – East Slope



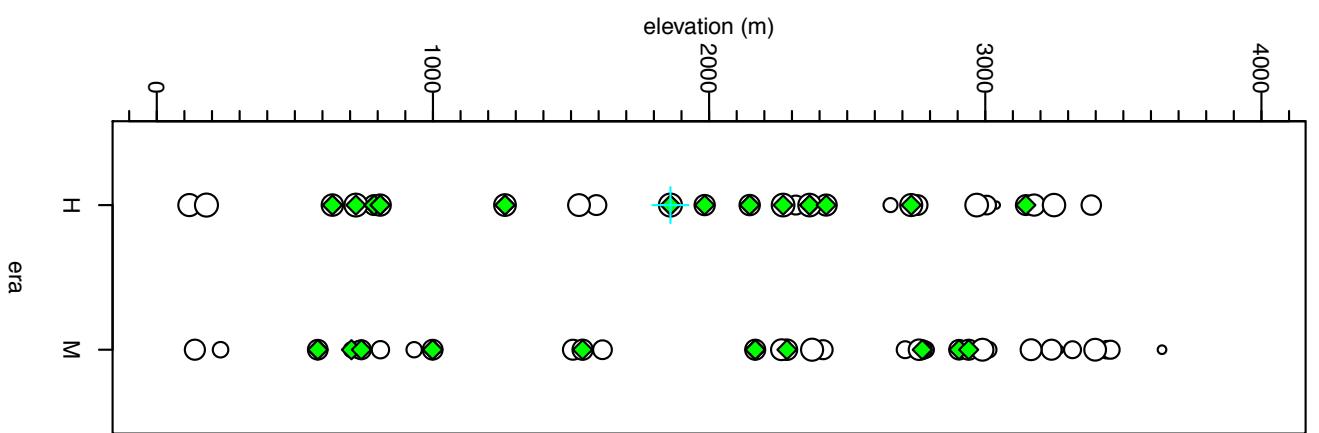
*Peromyscus maniculatus*



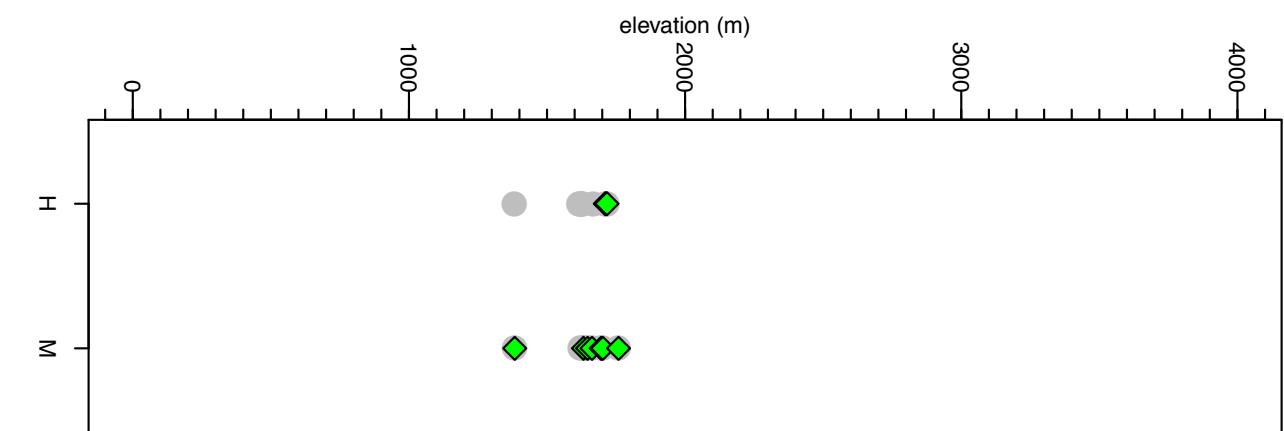
Lassen – West Slope



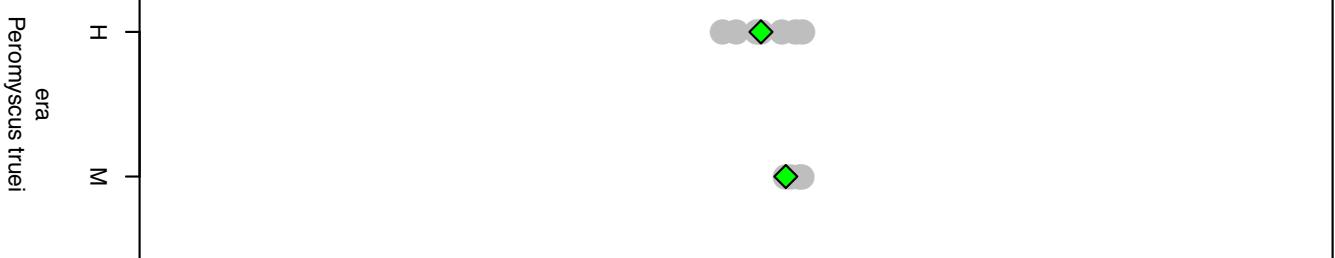
Yosemite – West Slope



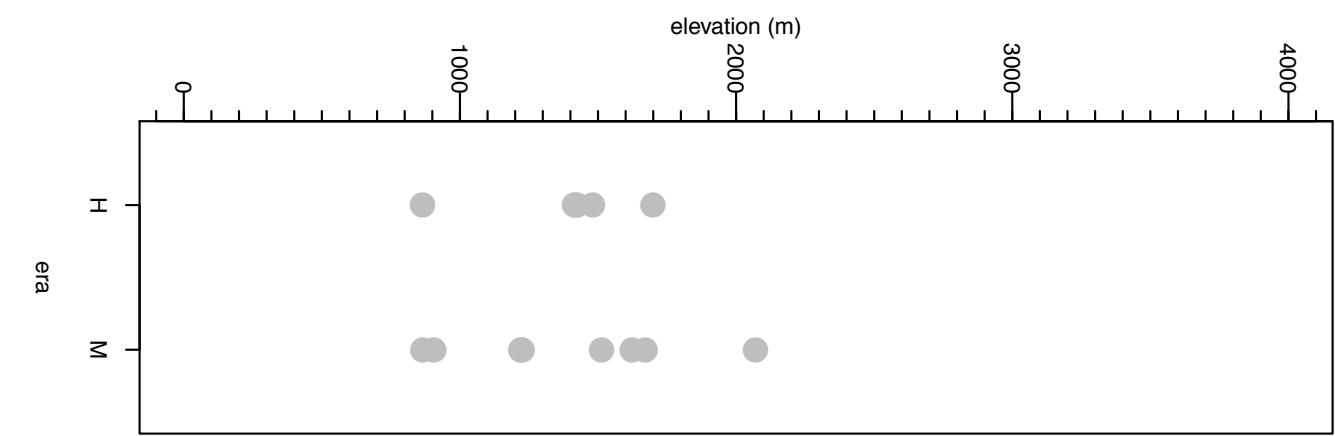
Lassen – East Slope



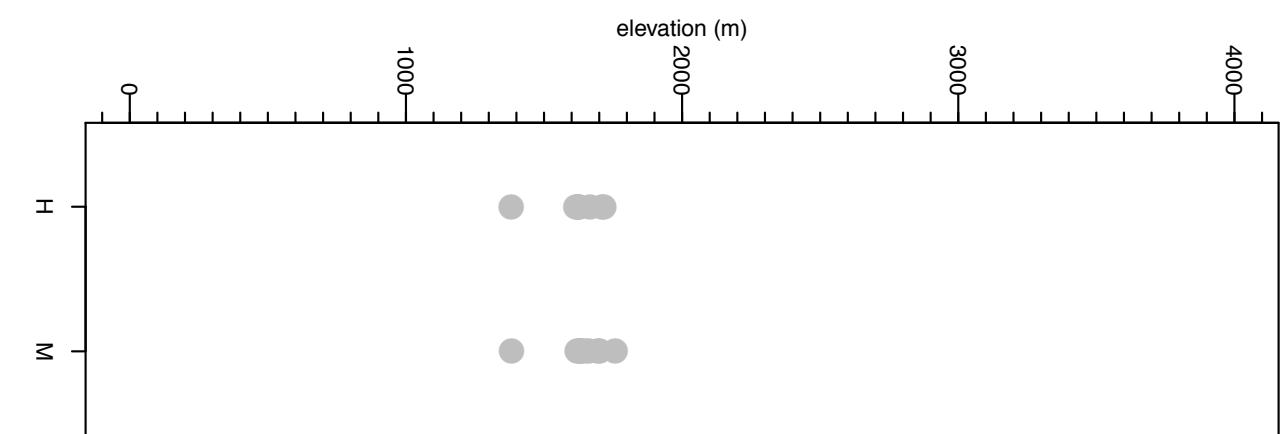
Yosemite – East Slope



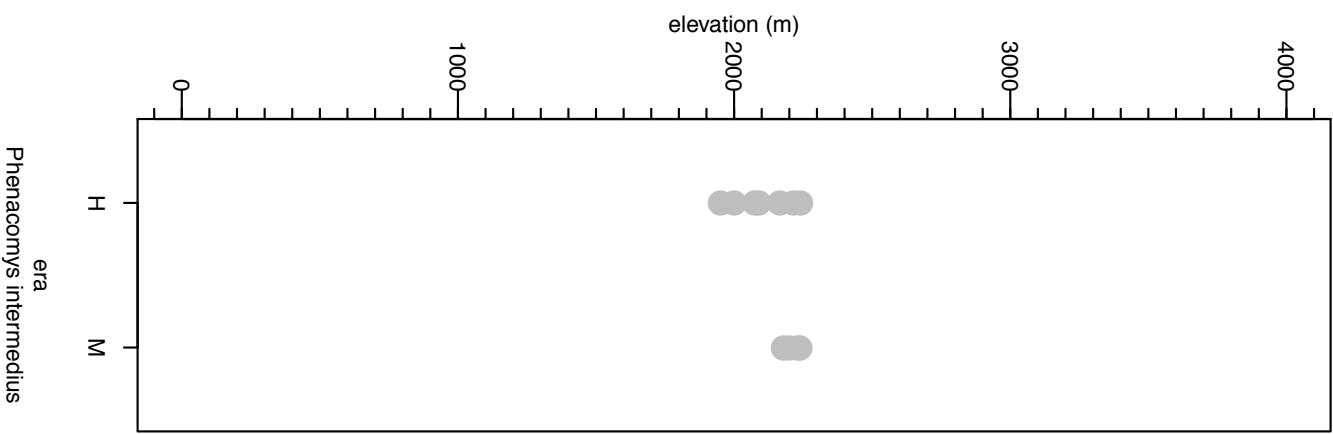
Sequoia – East Slope



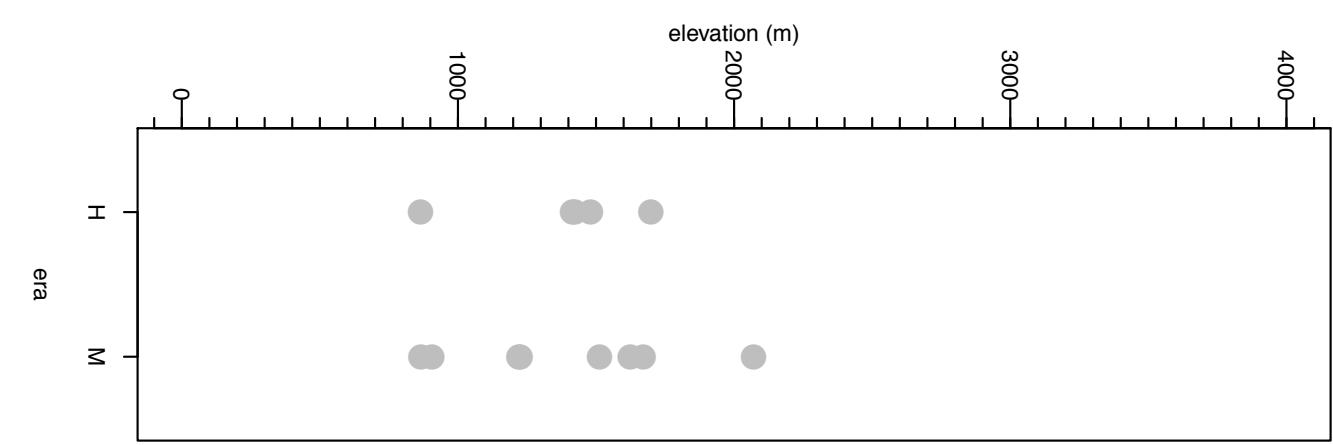
Lassen – East Slope



Yosemite – East Slope

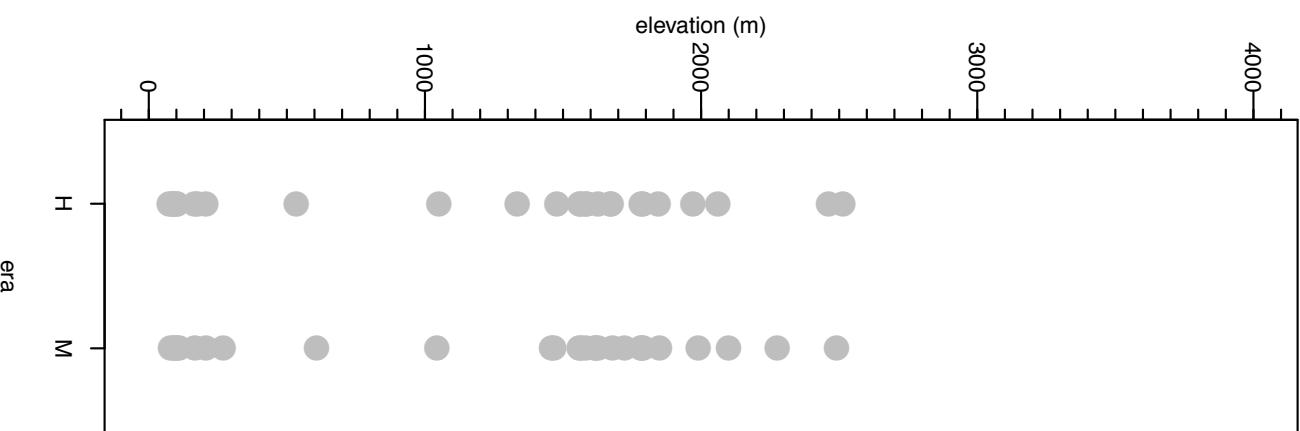


Sequoia – East Slope

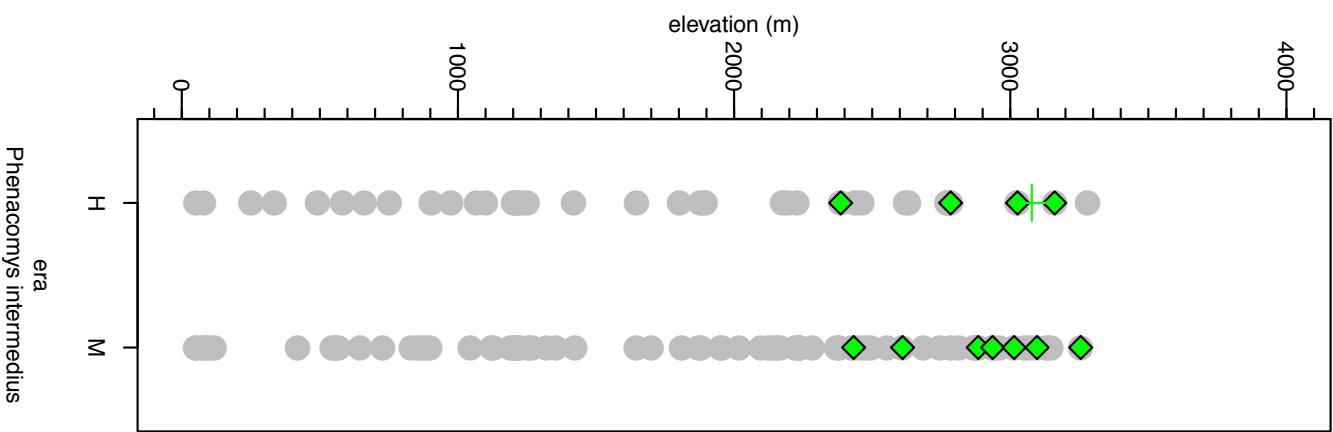


*Phenacomys intermedius*

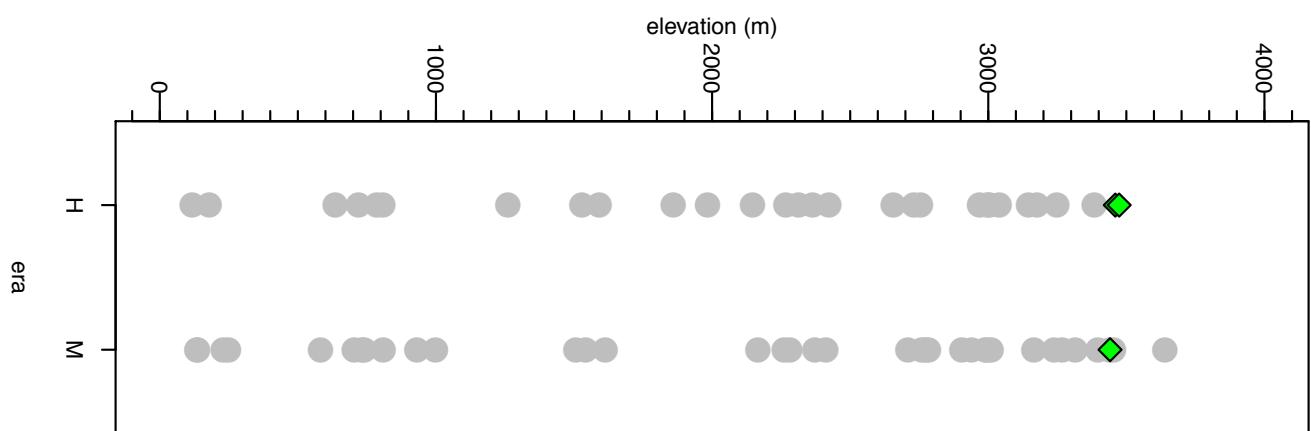
Lassen – West Slope



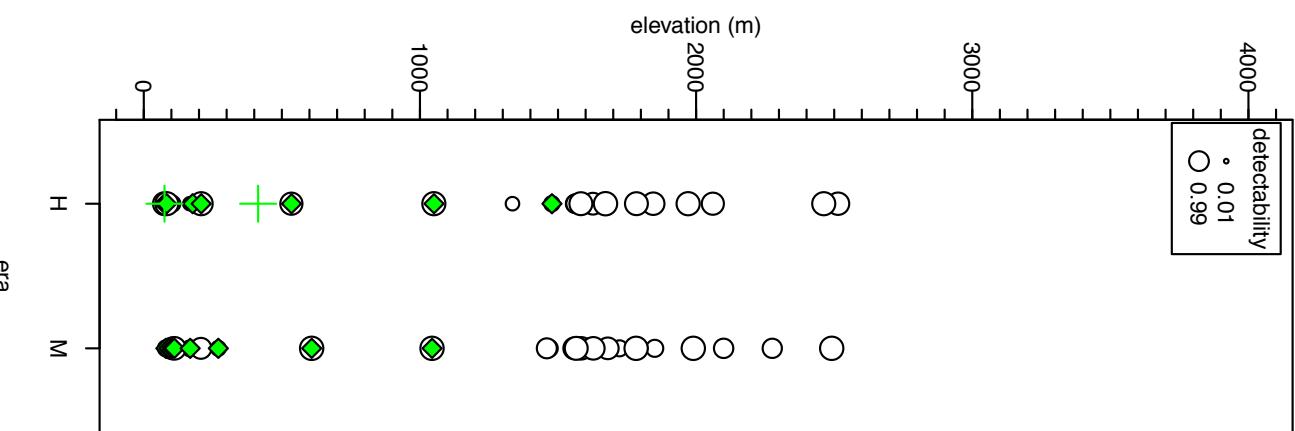
Yosemite – West Slope



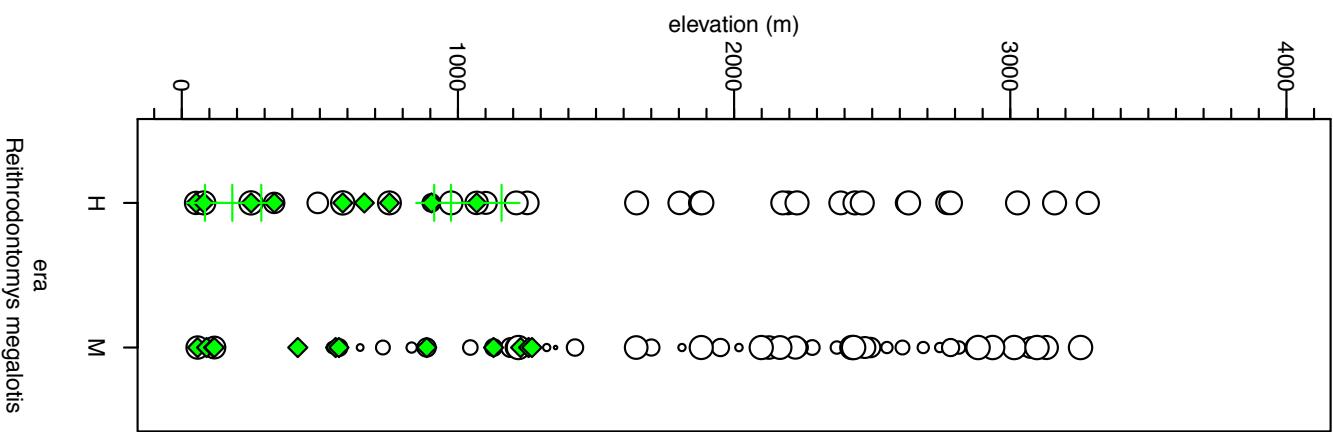
Sequoia – West Slope



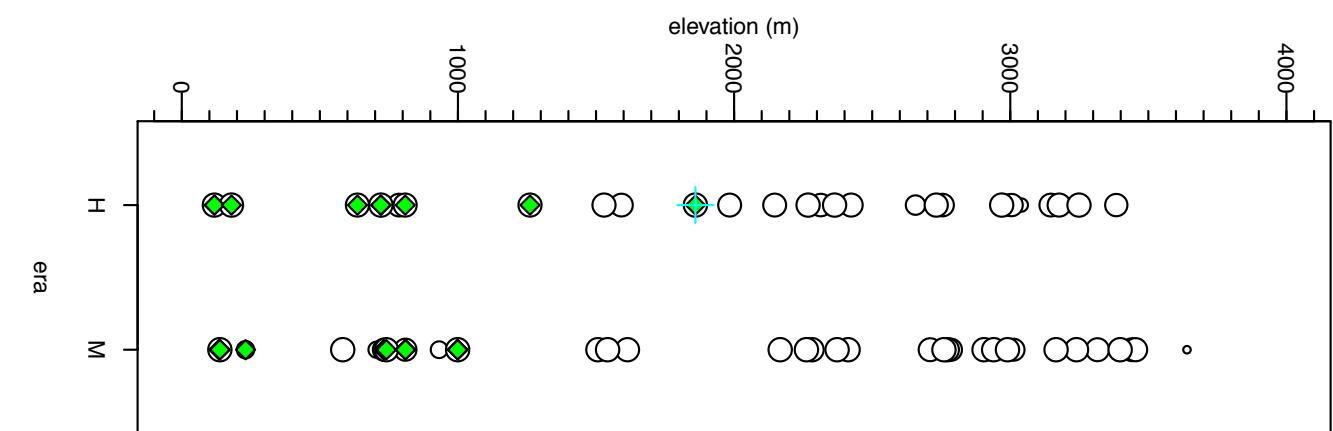
Lassen – West Slope



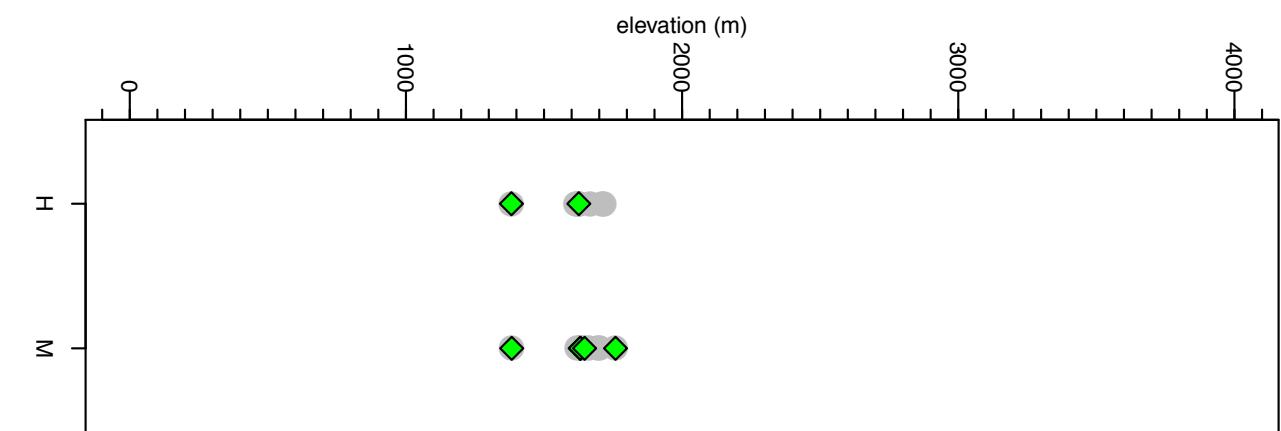
Yosemite – West Slope



Sequoia – West Slope



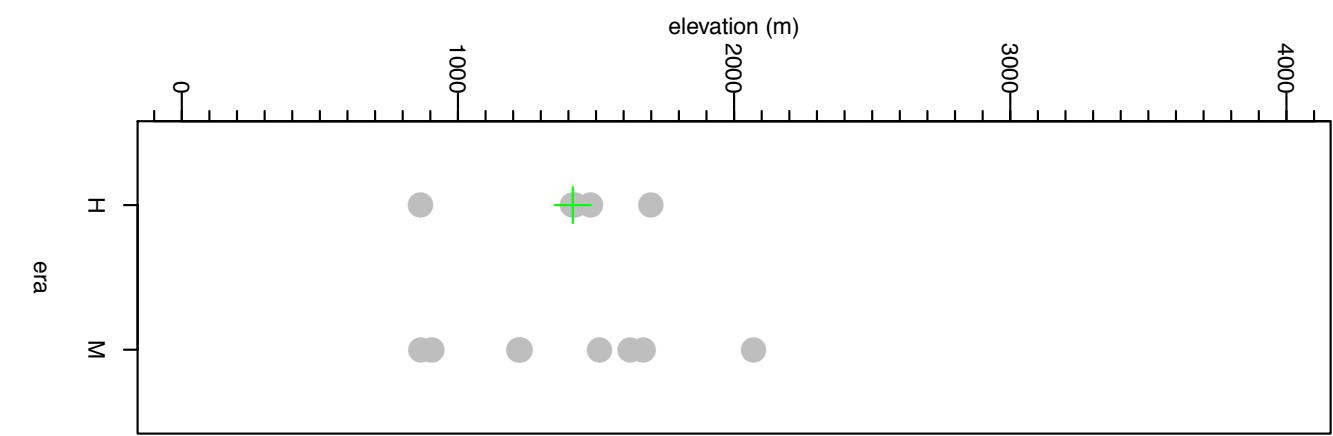
Lassen – East Slope



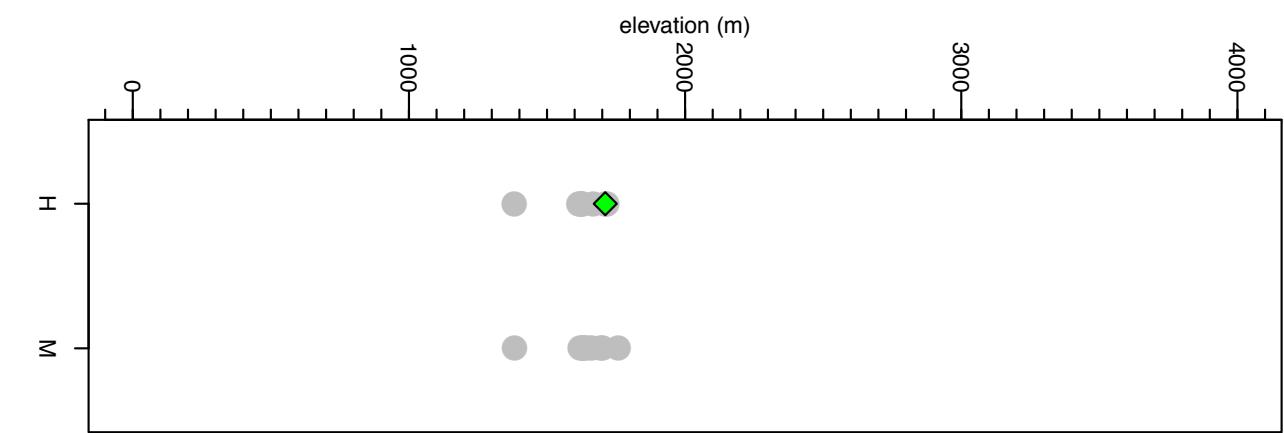
Yosemite – East Slope



Sequoia – East Slope



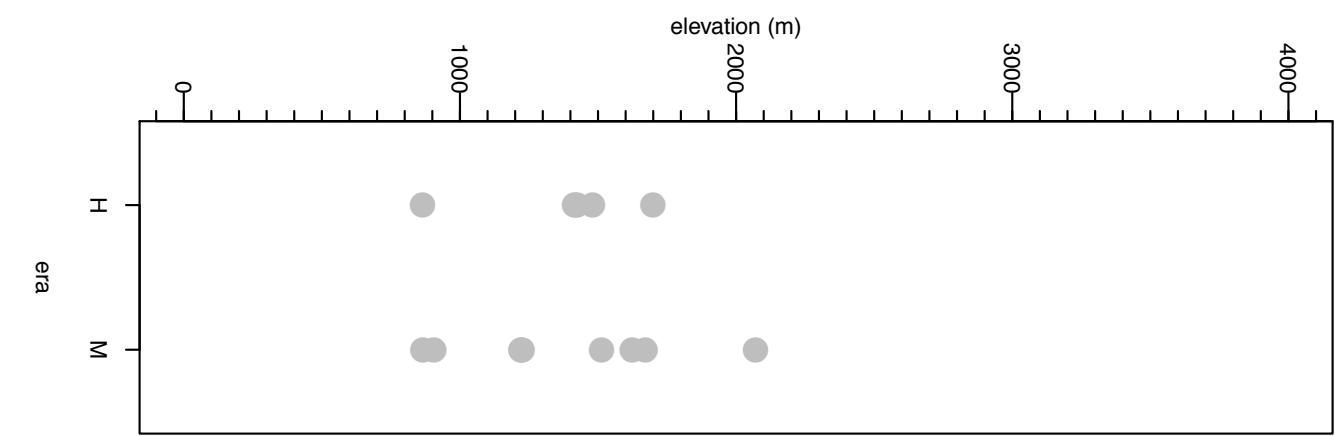
Lassen – East Slope



Yosemite – East Slope

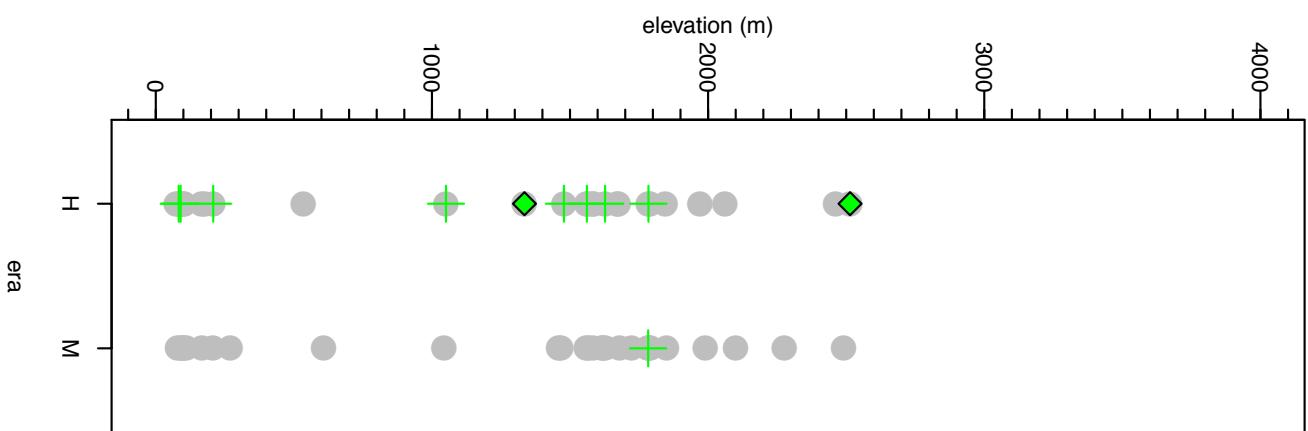


Sequoia – East Slope

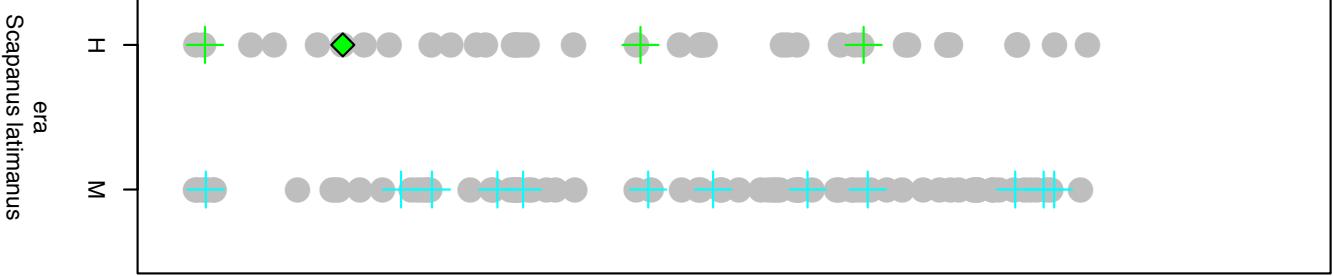


Scapanus latimanus

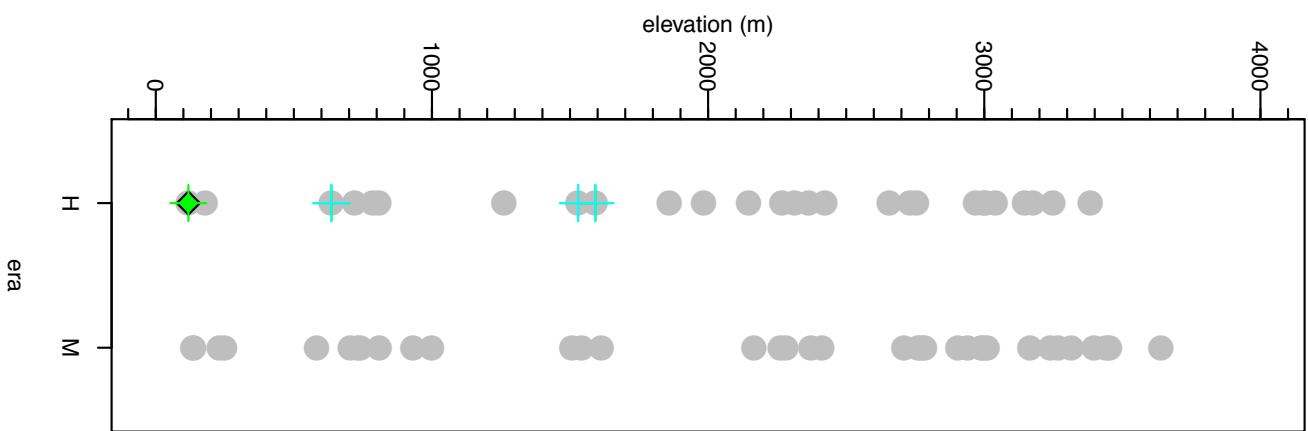
Lassen – West Slope



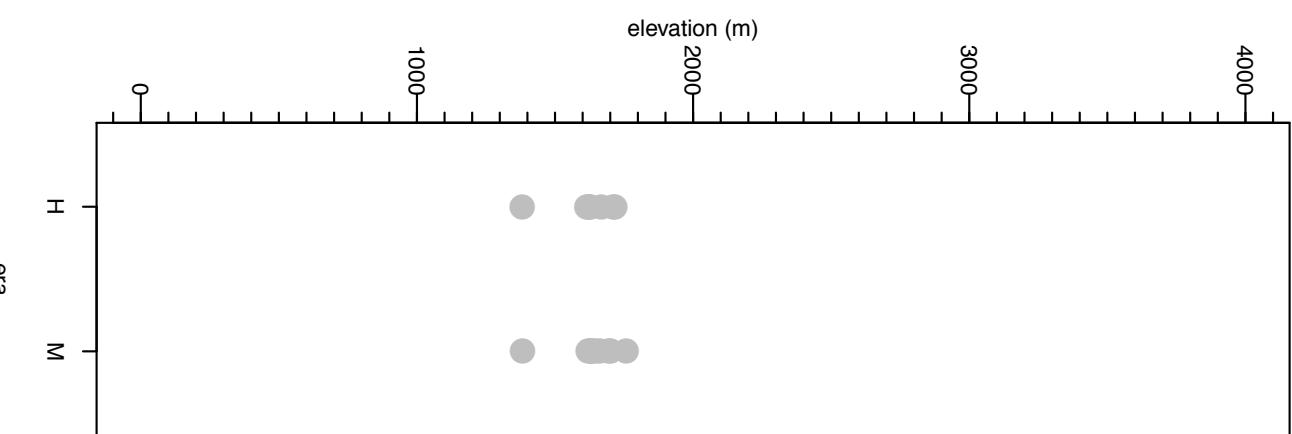
Yosemite – West Slope



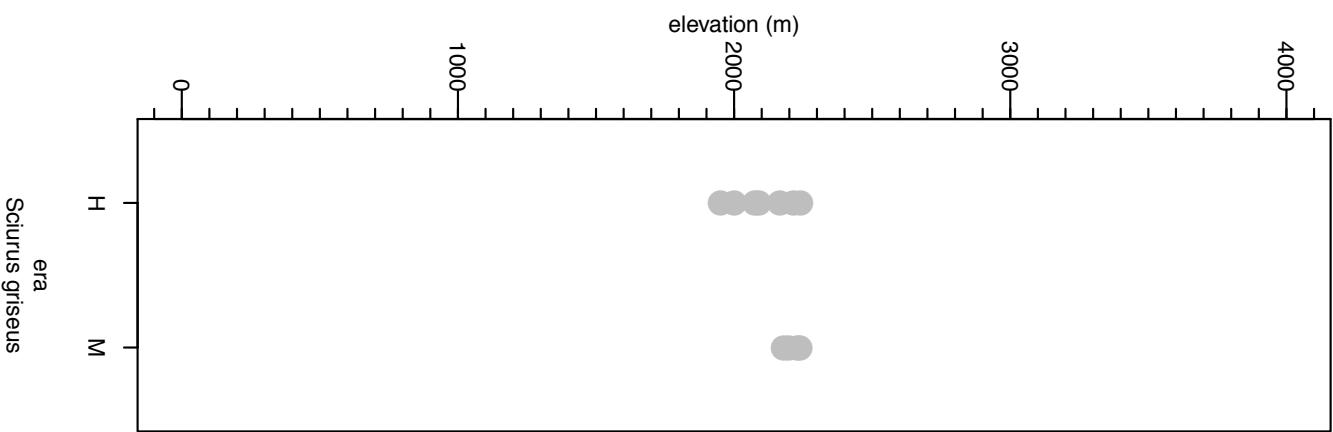
Sequoia – West Slope



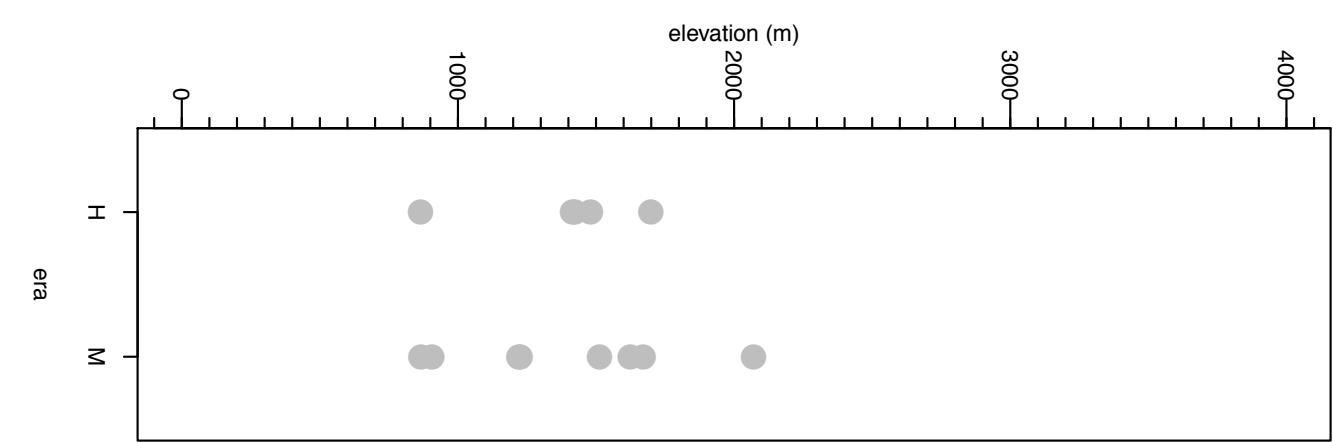
Lassen – East Slope



Yosemite – East Slope

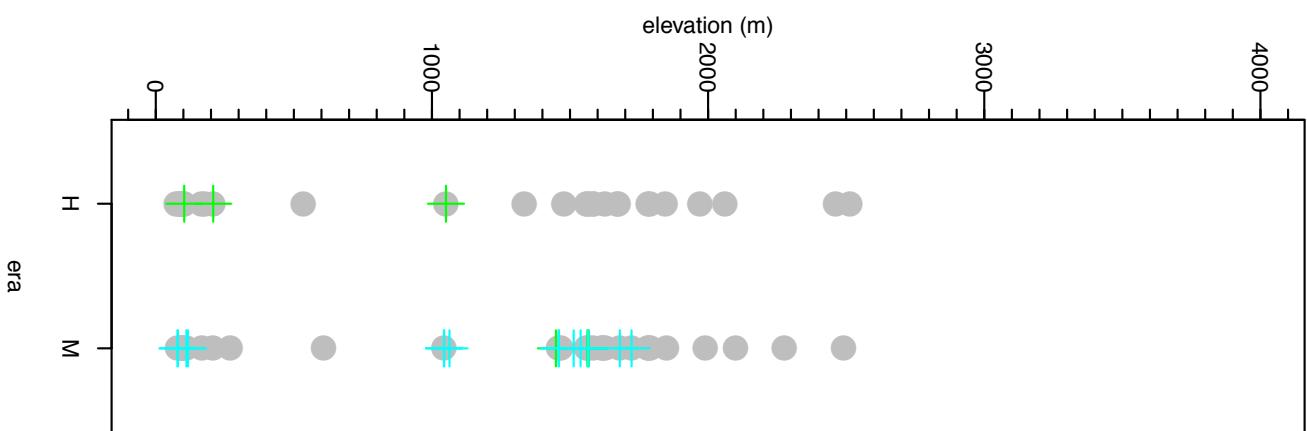


Sequoia – East Slope

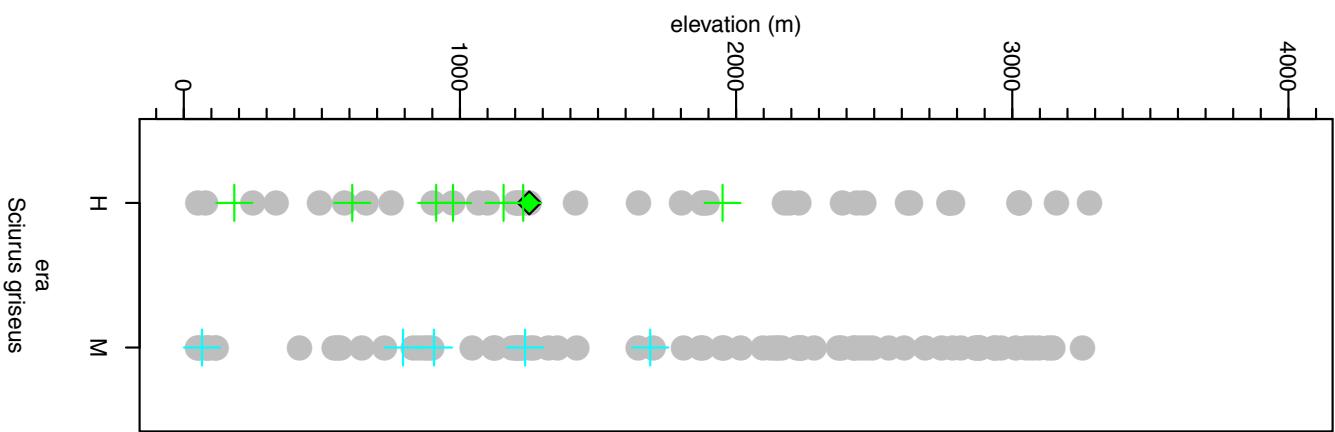


*Sciurus griseus*

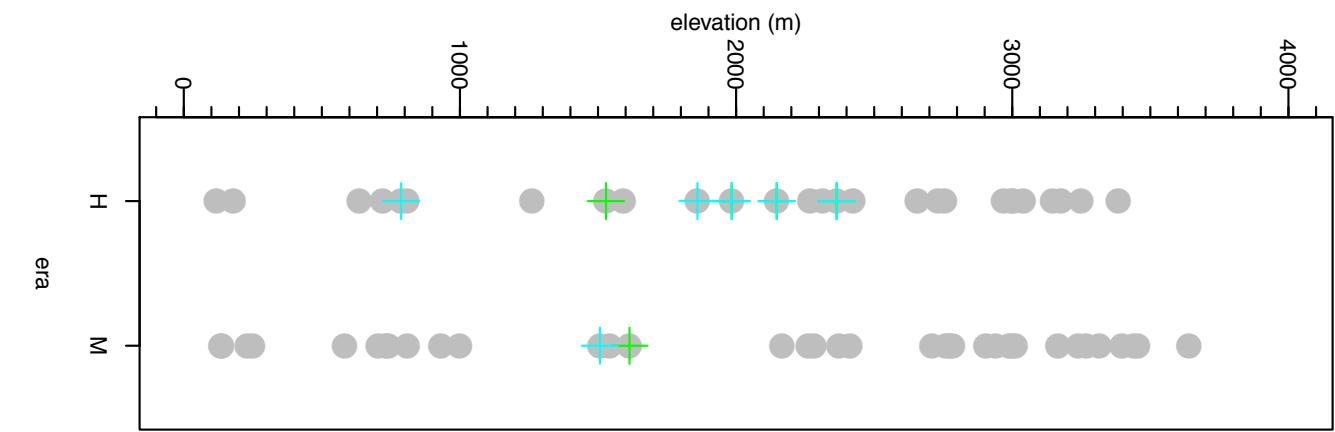
Lassen – West Slope



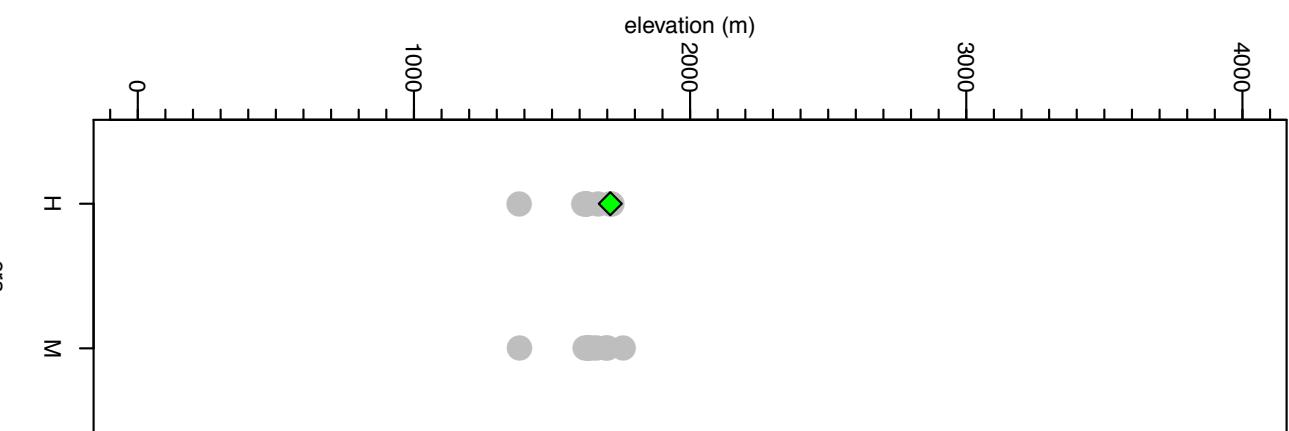
Yosemite – West Slope



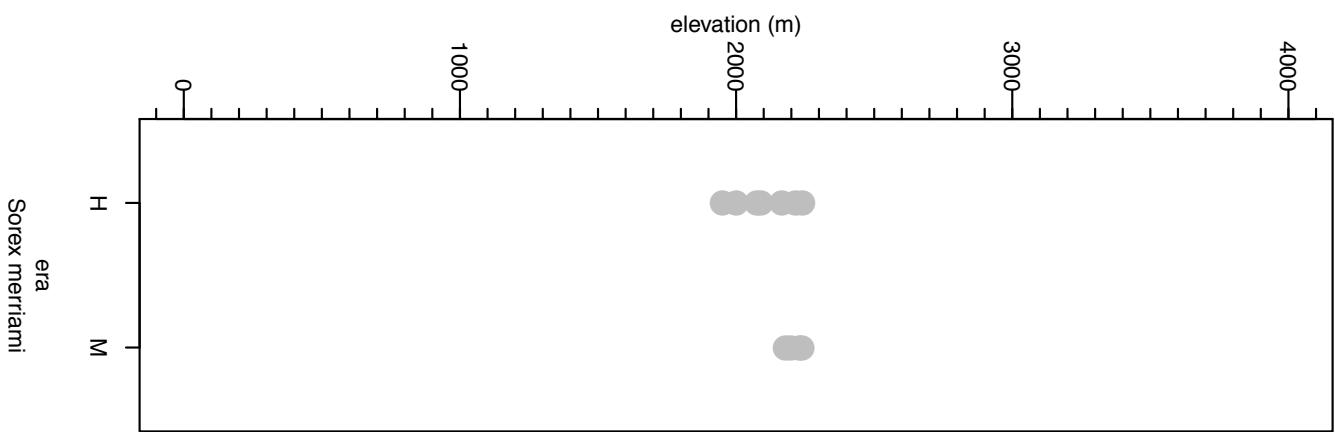
Sequoia – West Slope



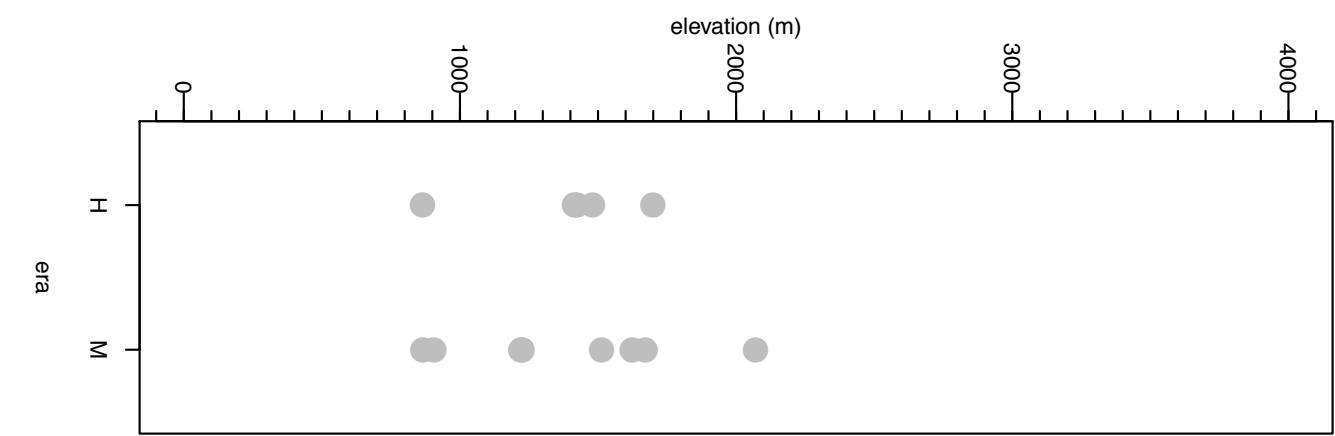
Lassen – East Slope



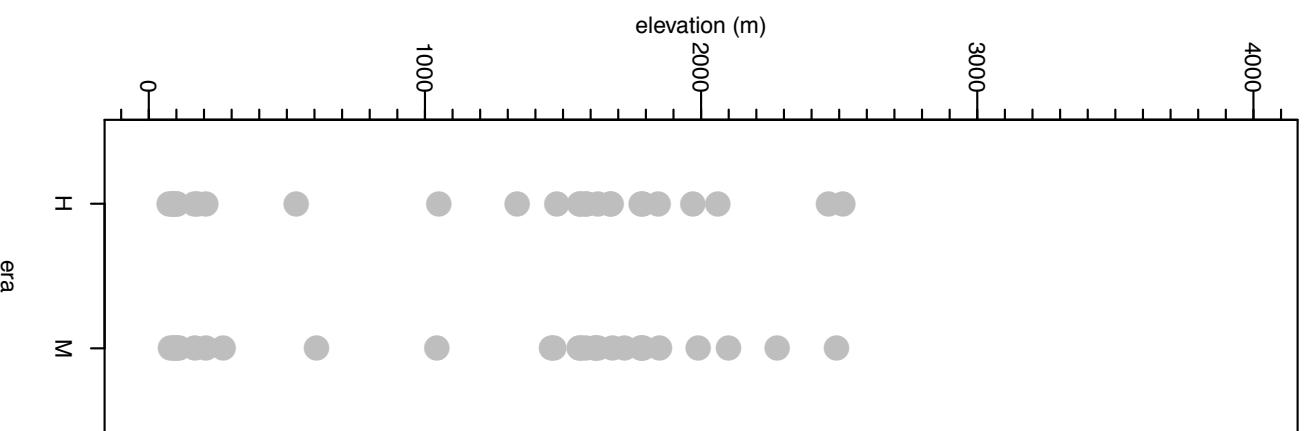
Yosemite – East Slope



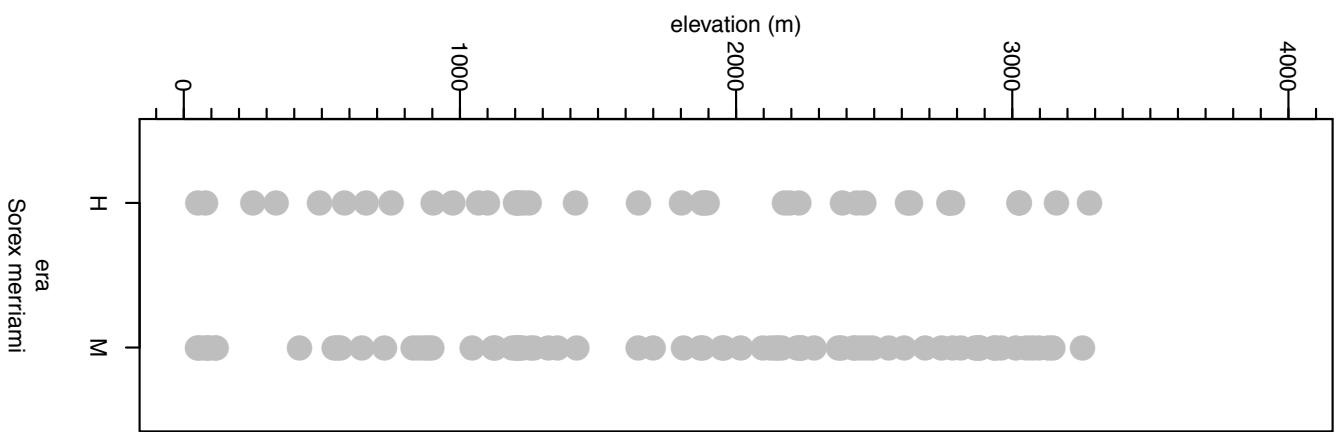
Sequoia – East Slope



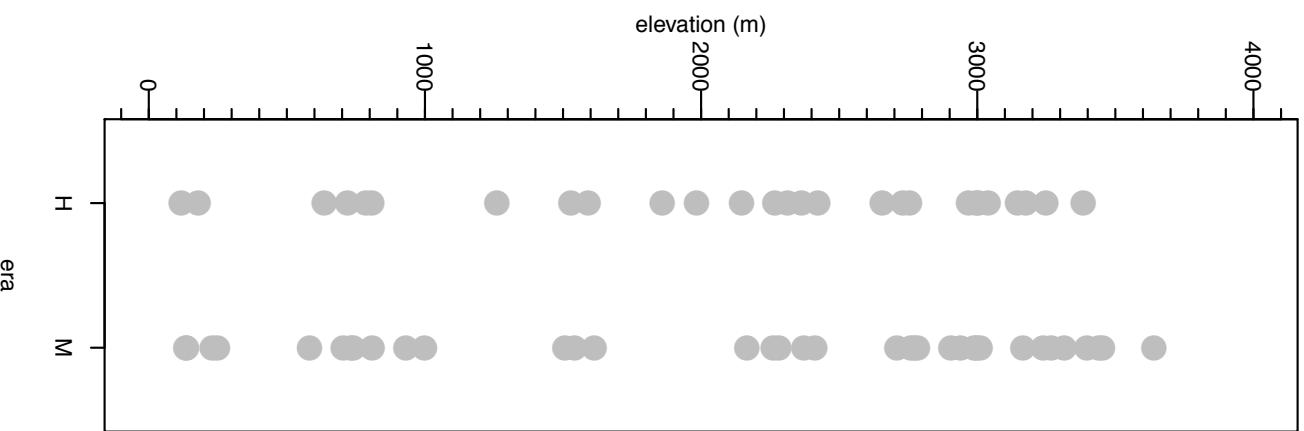
Lassen – West Slope



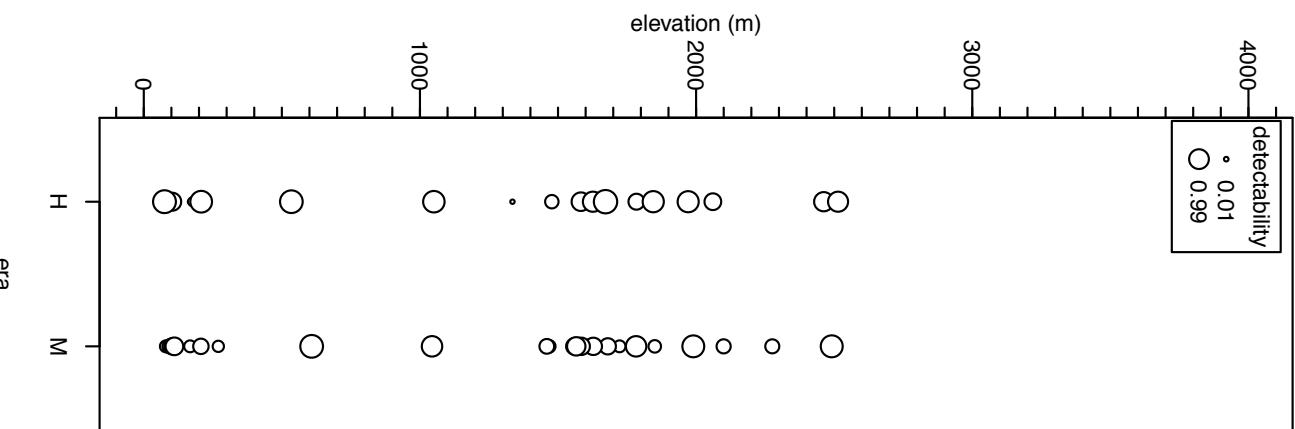
Yosemite – West Slope



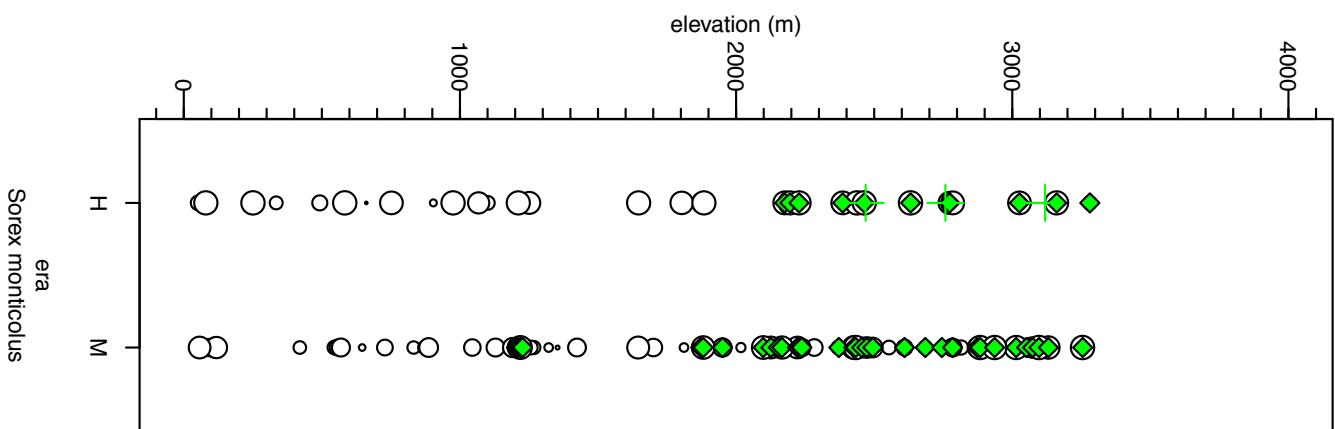
Sequoia – West Slope



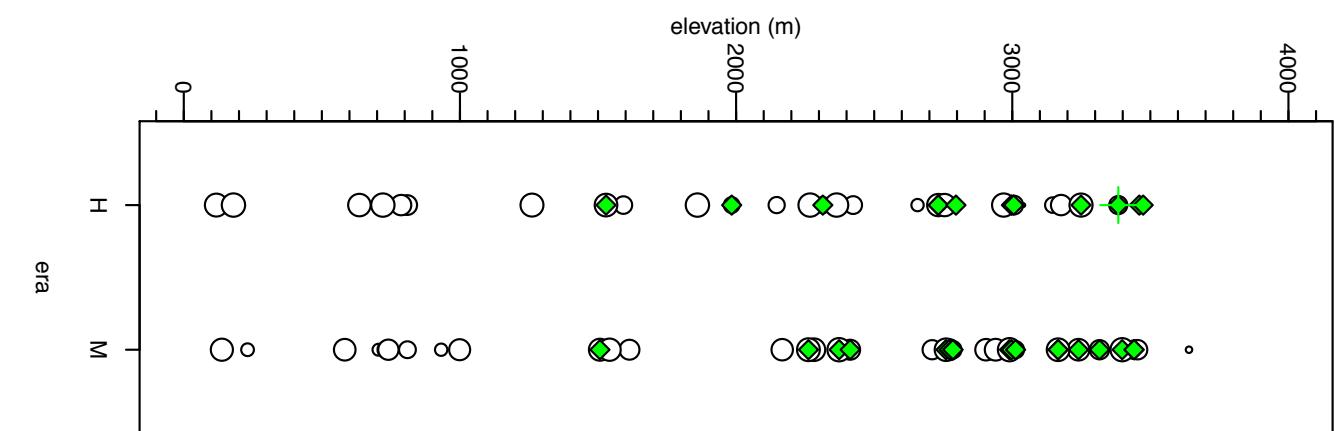
Lassen – West Slope



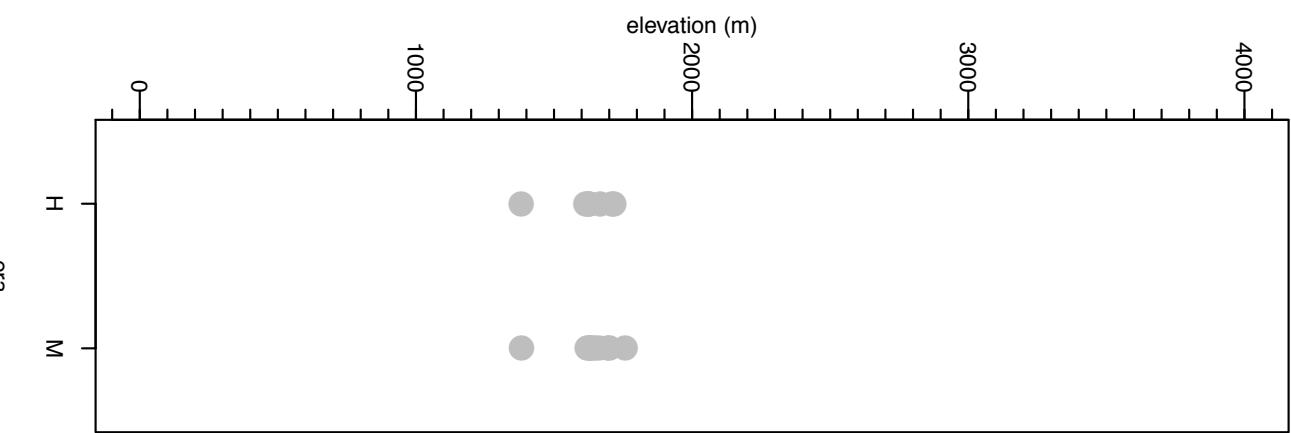
Yosemite – West Slope



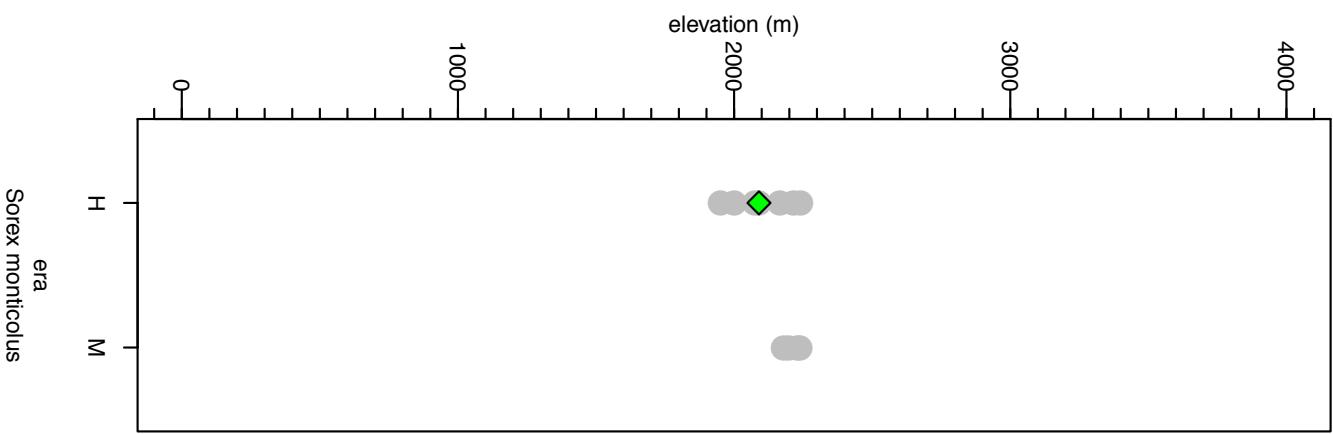
Sequoia – West Slope



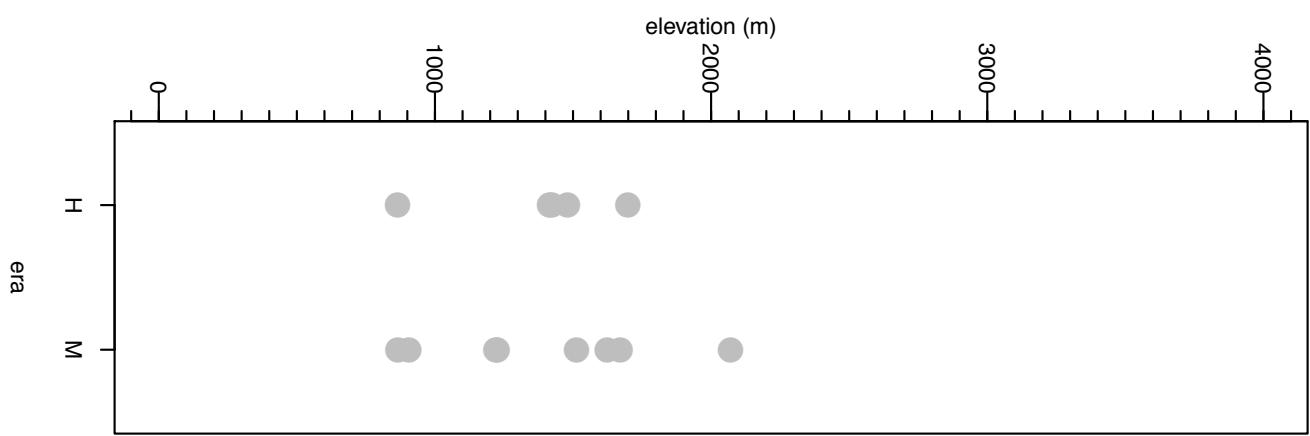
Lassen – East Slope



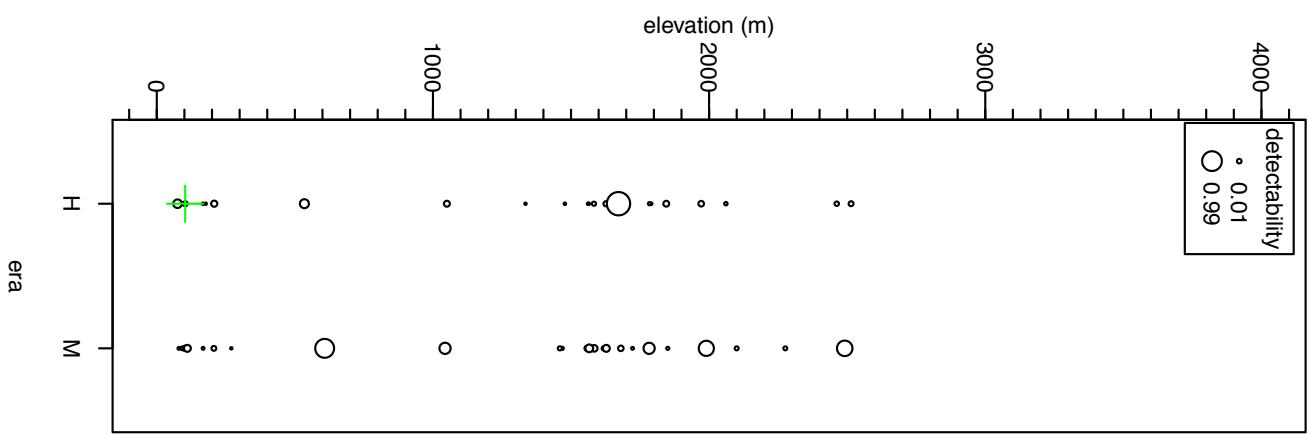
Yosemite – East Slope



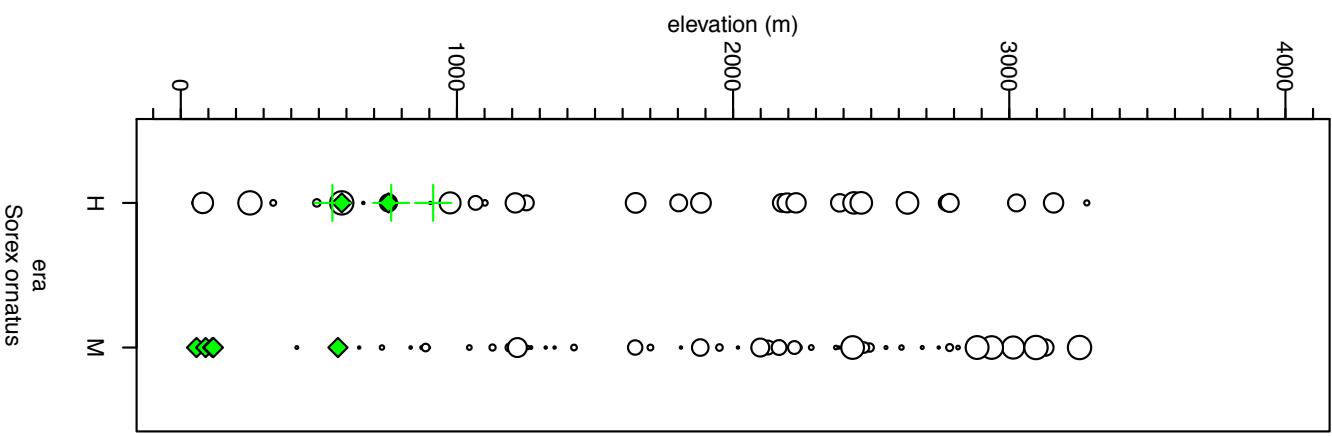
Sequoia – East Slope



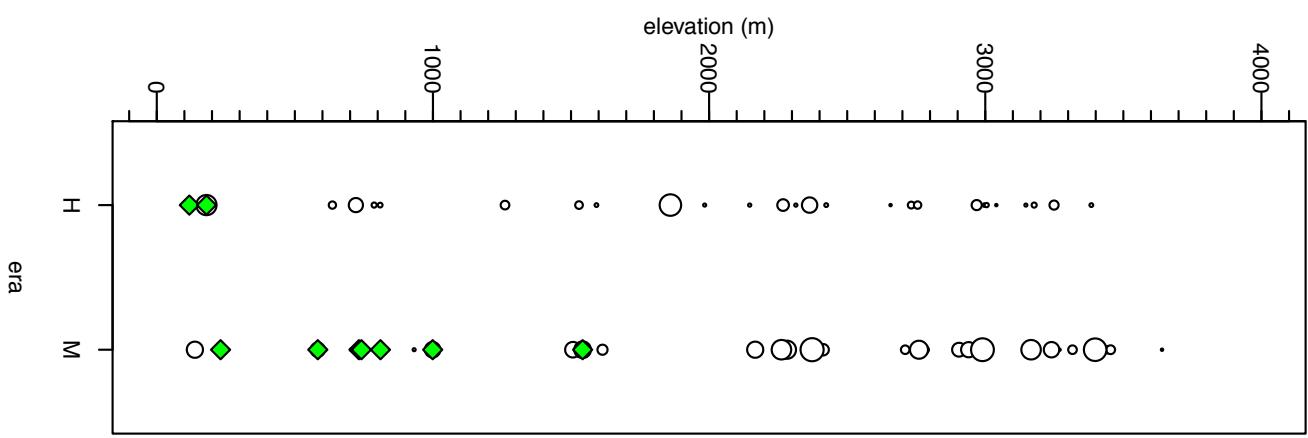
### Lassen – West Slope



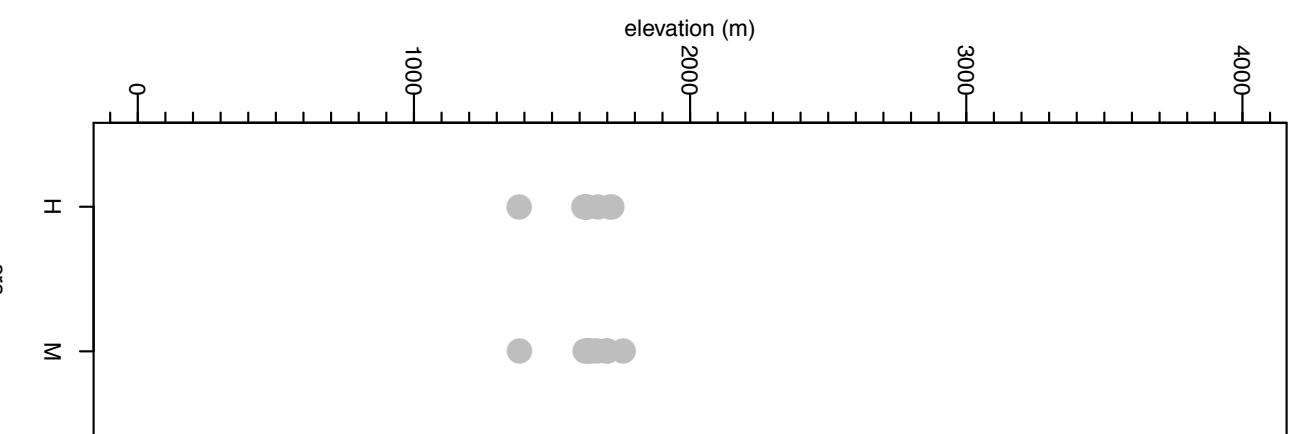
### Yosemite – West Slope



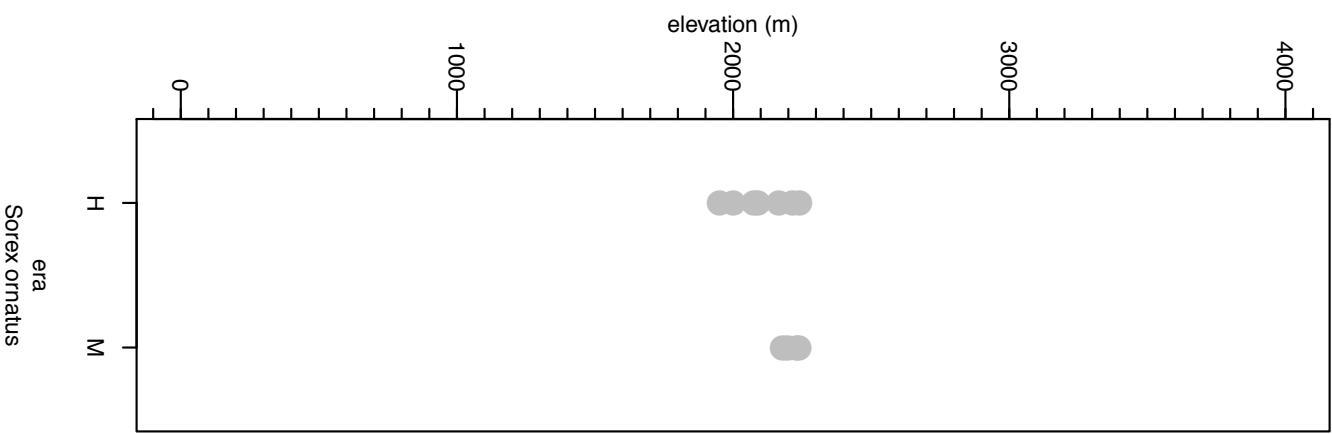
### Sequoia – West Slope



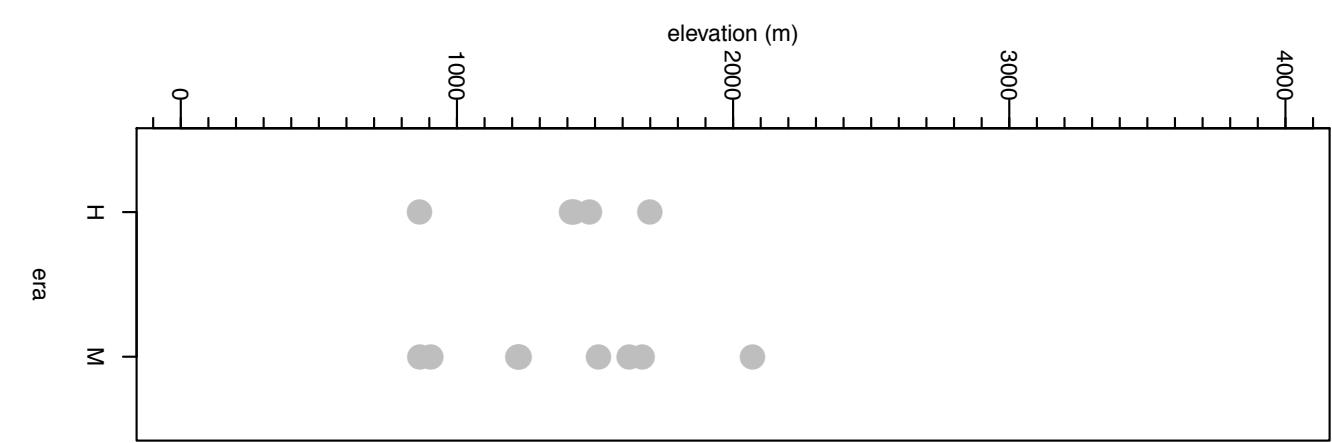
Lassen – East Slope



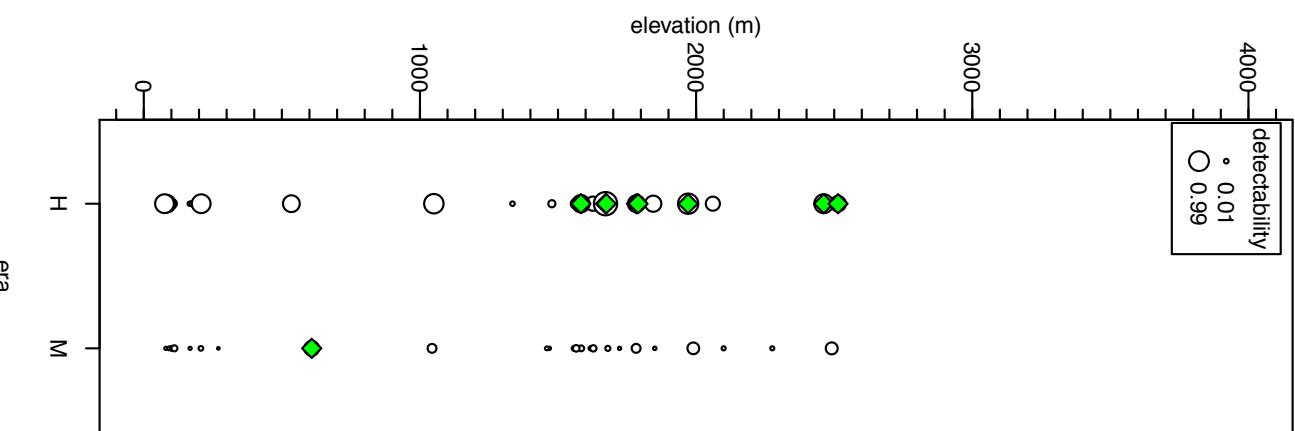
Yosemite – East Slope



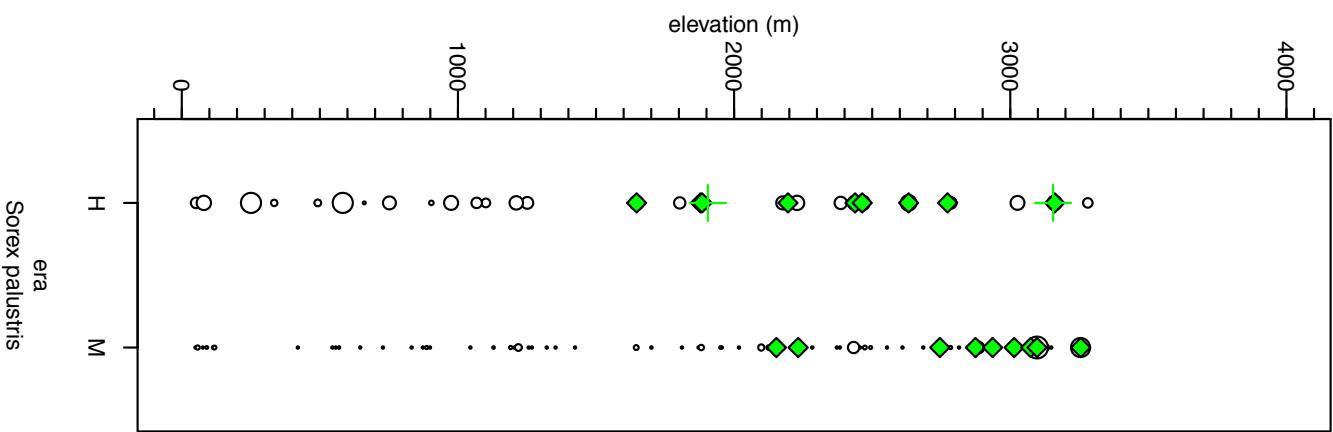
Sequoia – East Slope



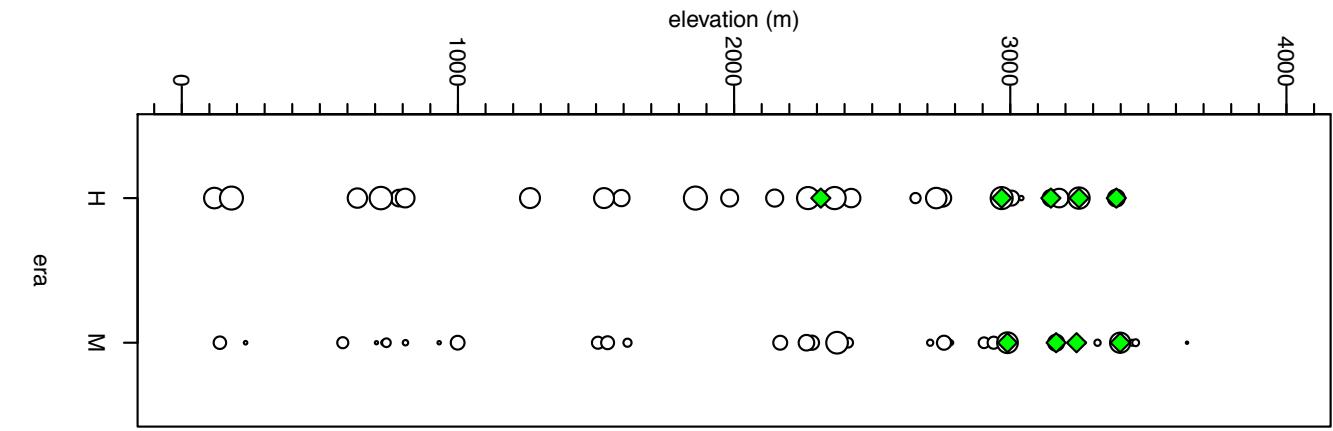
Lassen – West Slope



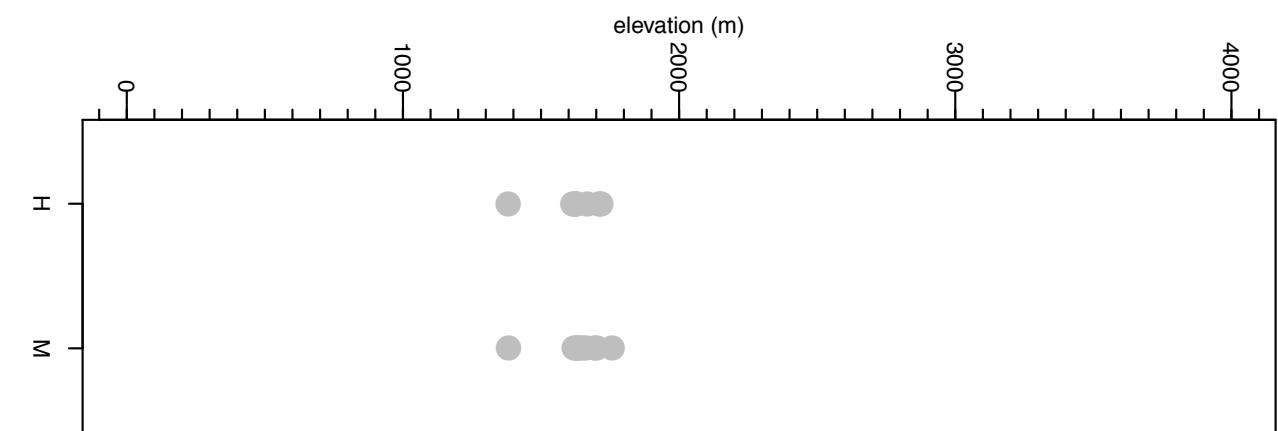
Yosemite – West Slope



Sequoia – West Slope



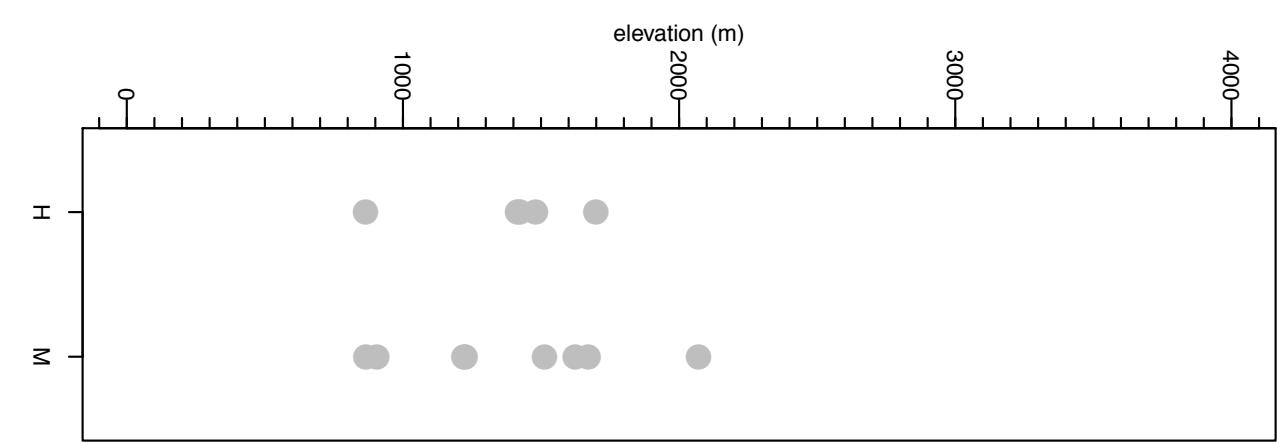
Lassen – East Slope



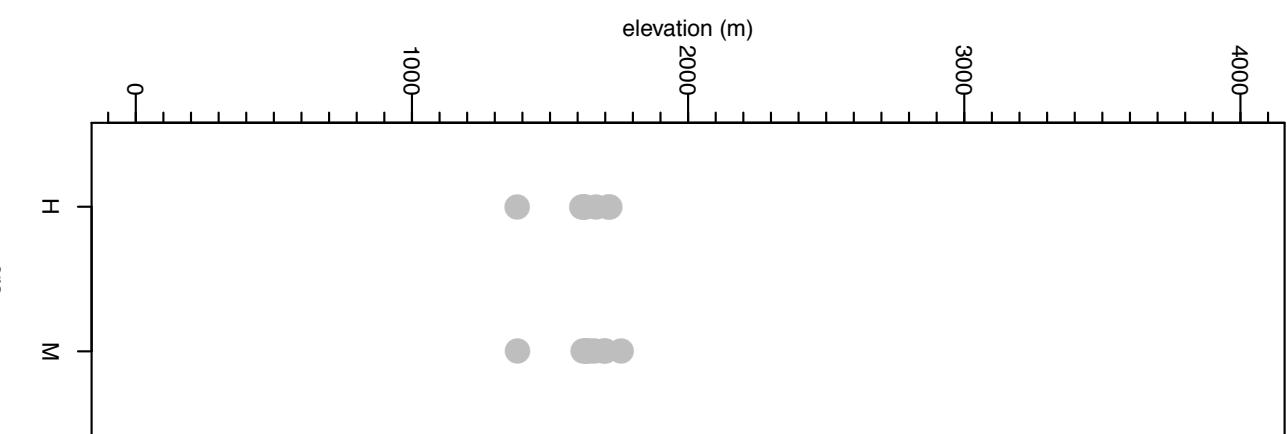
Yosemite – East Slope



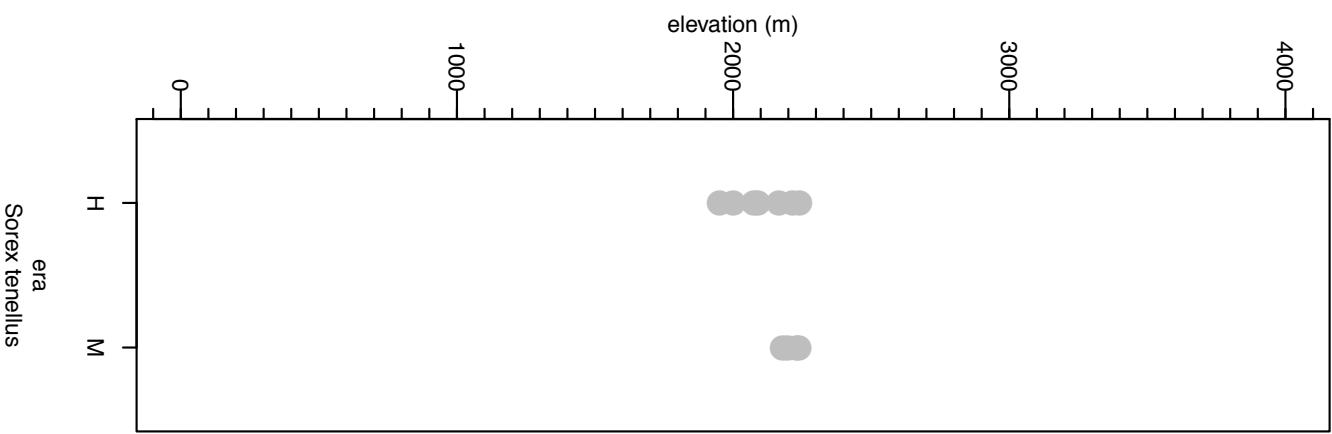
Sequoia – East Slope



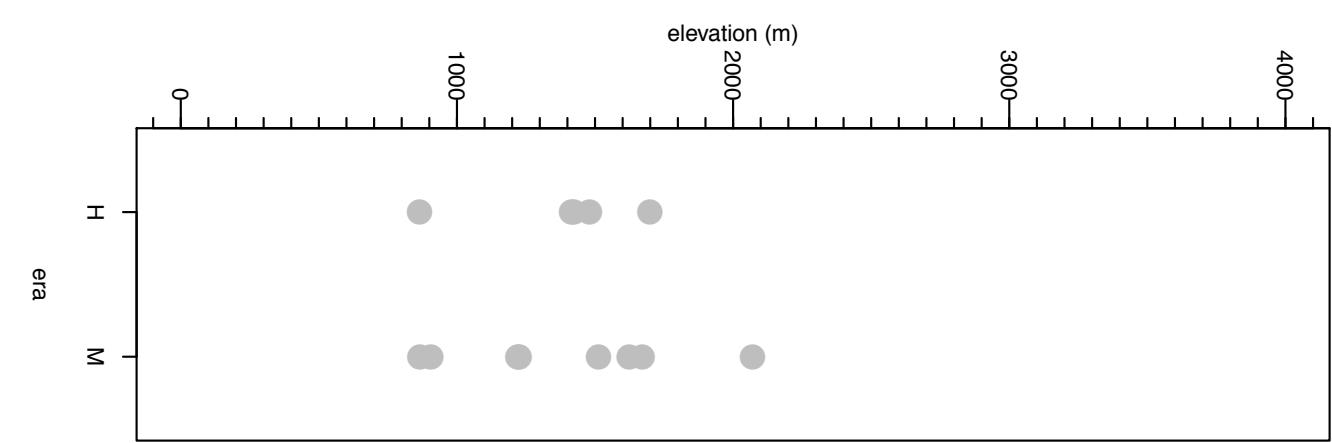
Lassen – East Slope



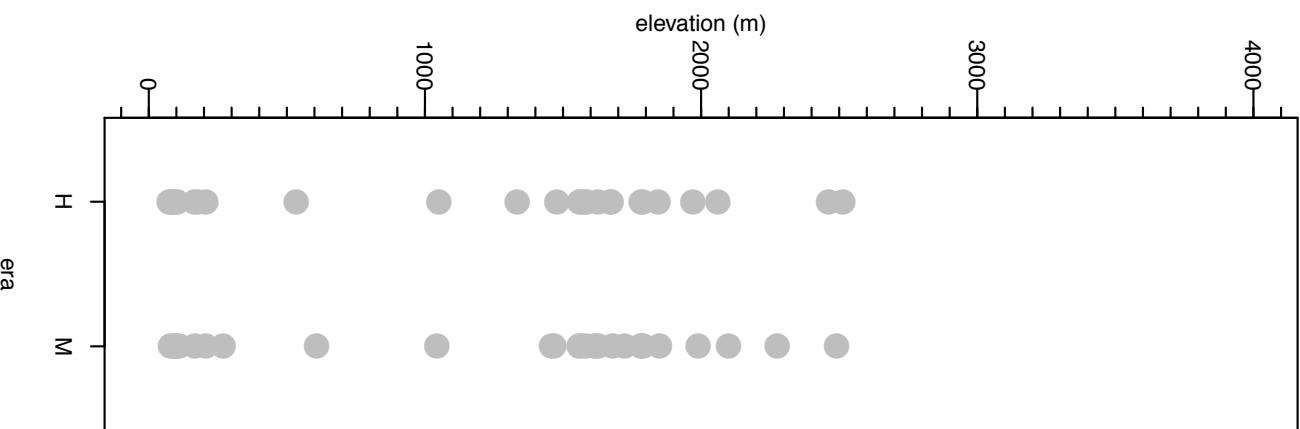
Yosemite – East Slope



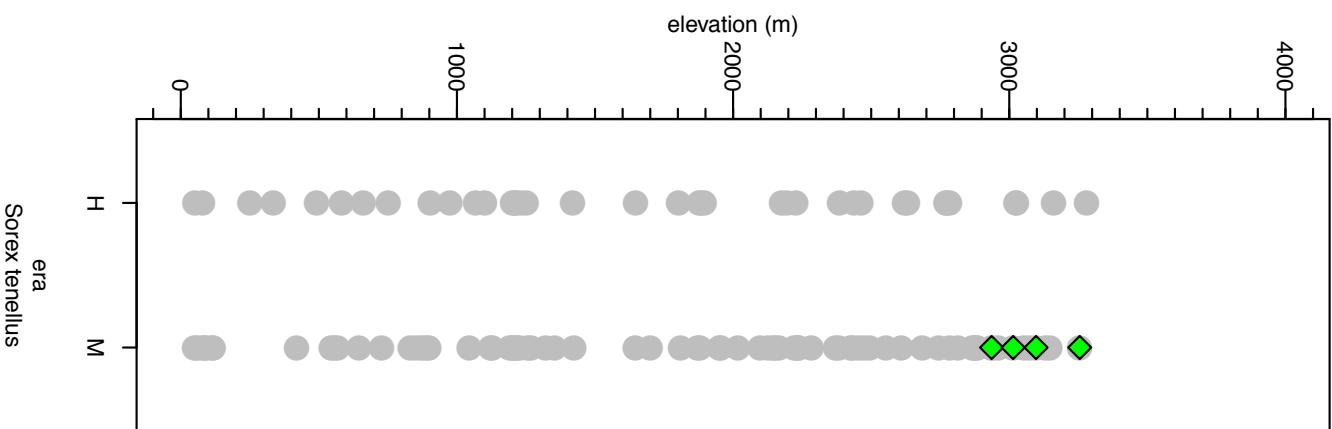
Sequoia – East Slope



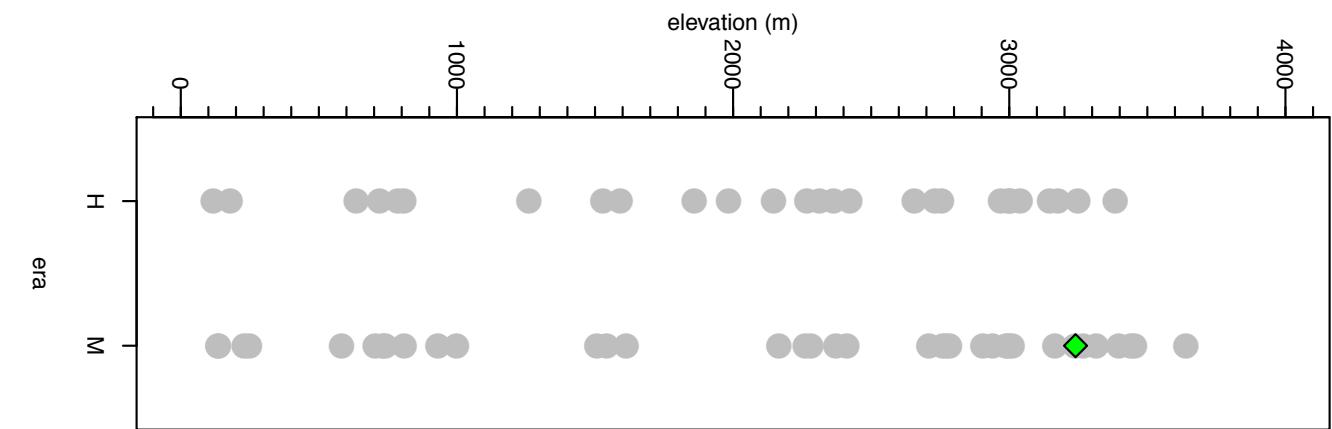
Lassen – West Slope



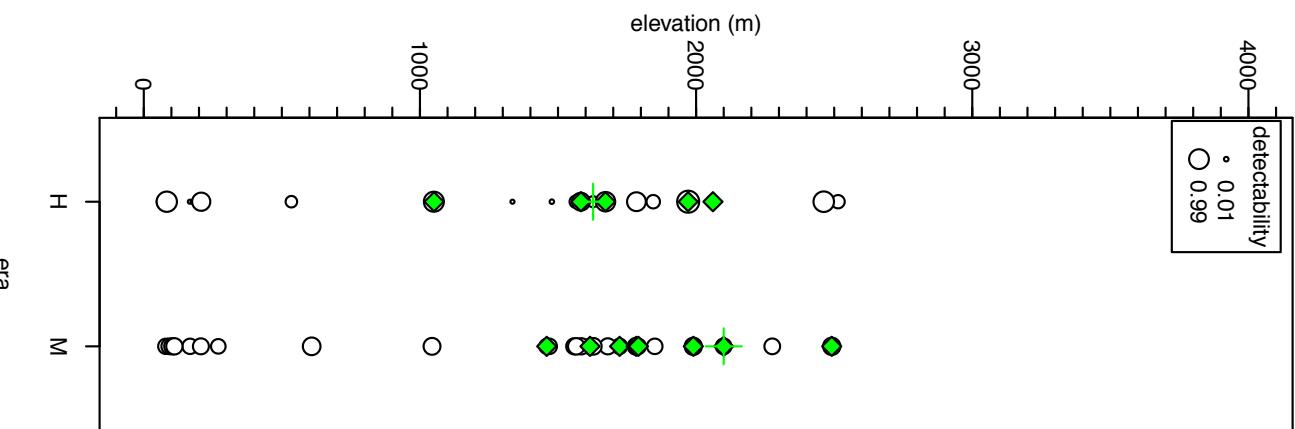
Yosemite – West Slope



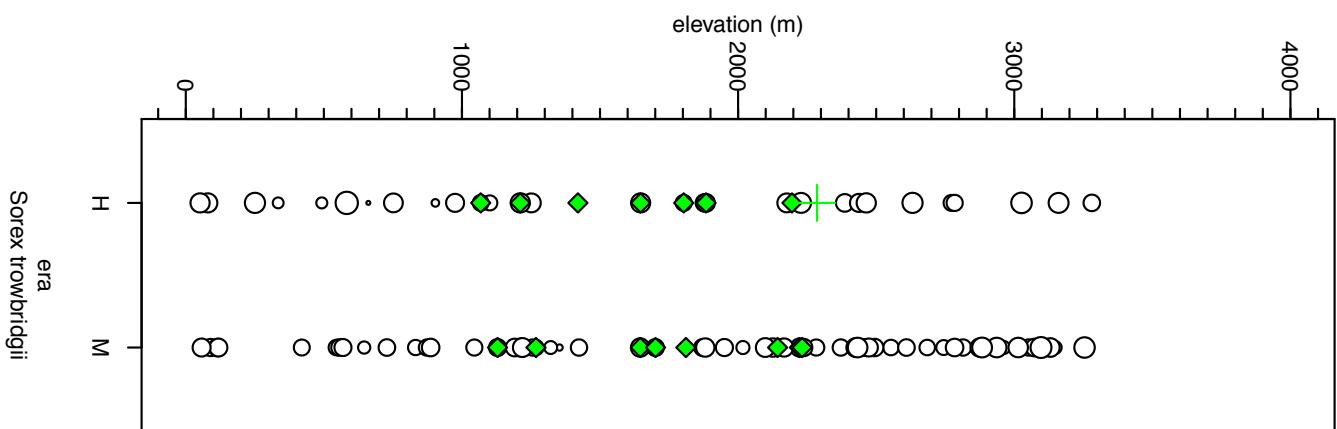
Sequoia – West Slope



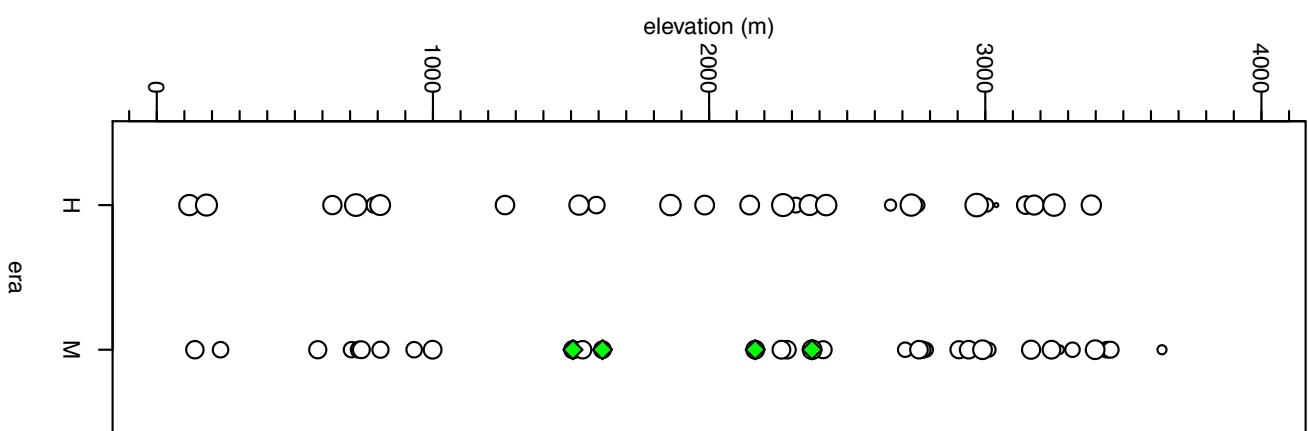
Lassen – West Slope



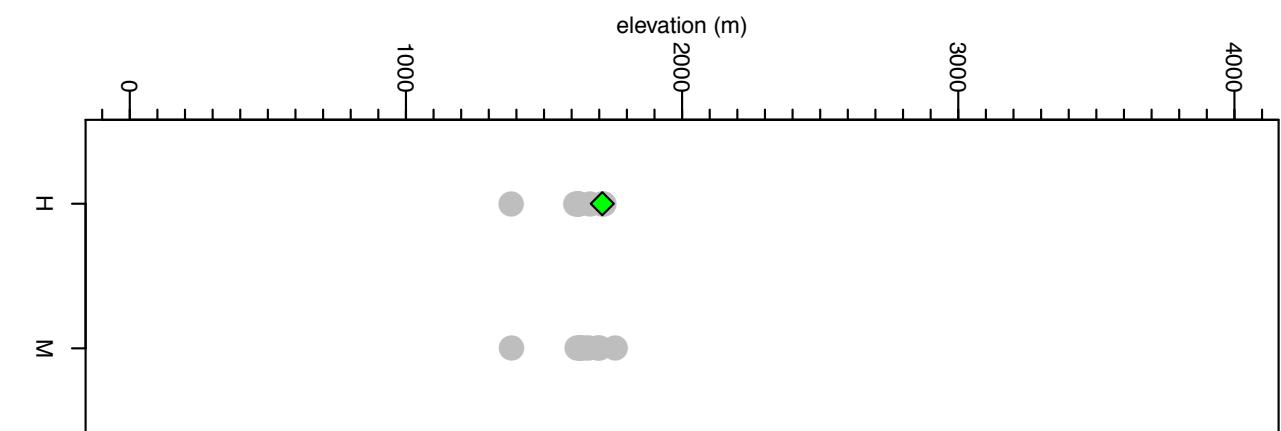
Yosemite – West Slope



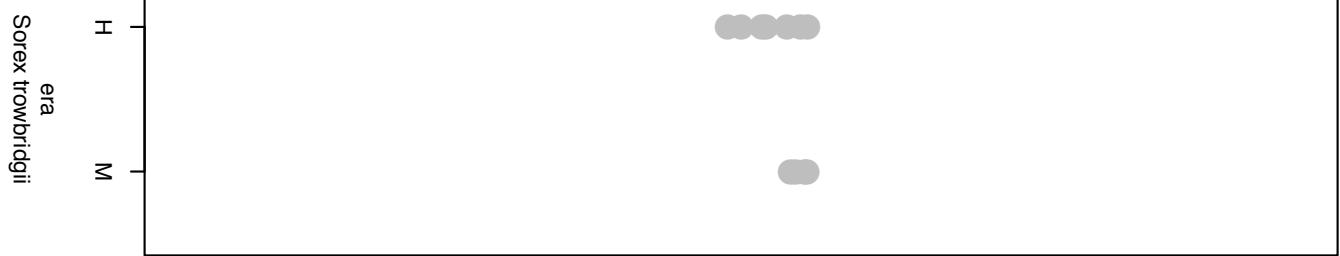
Sequoia – West Slope



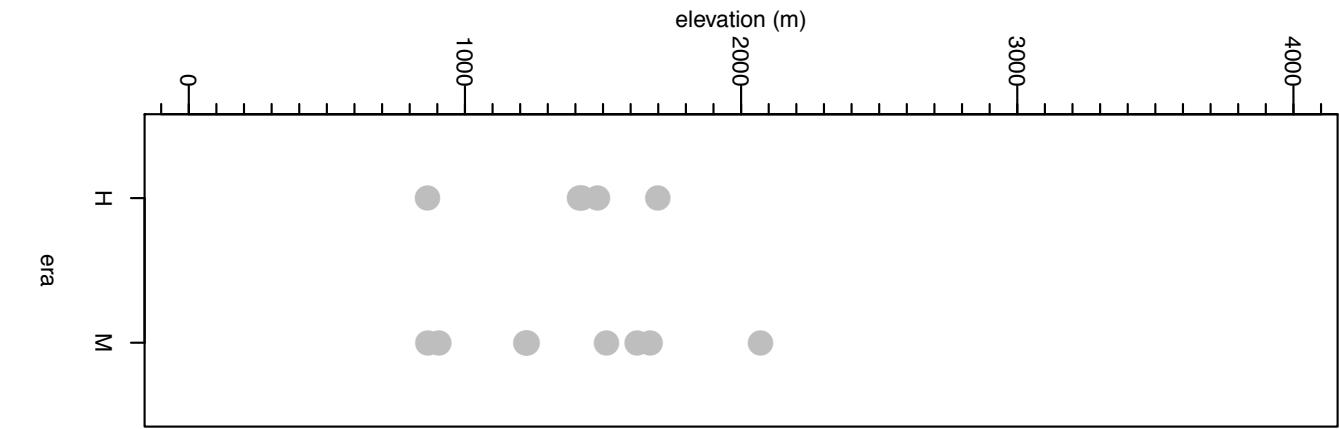
Lassen – East Slope

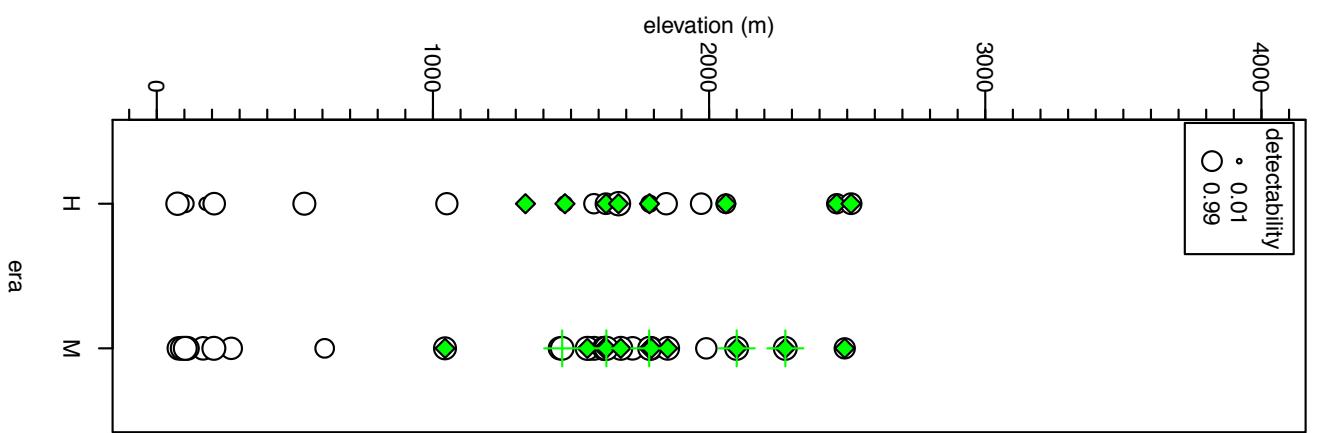


Yosemite – East Slope

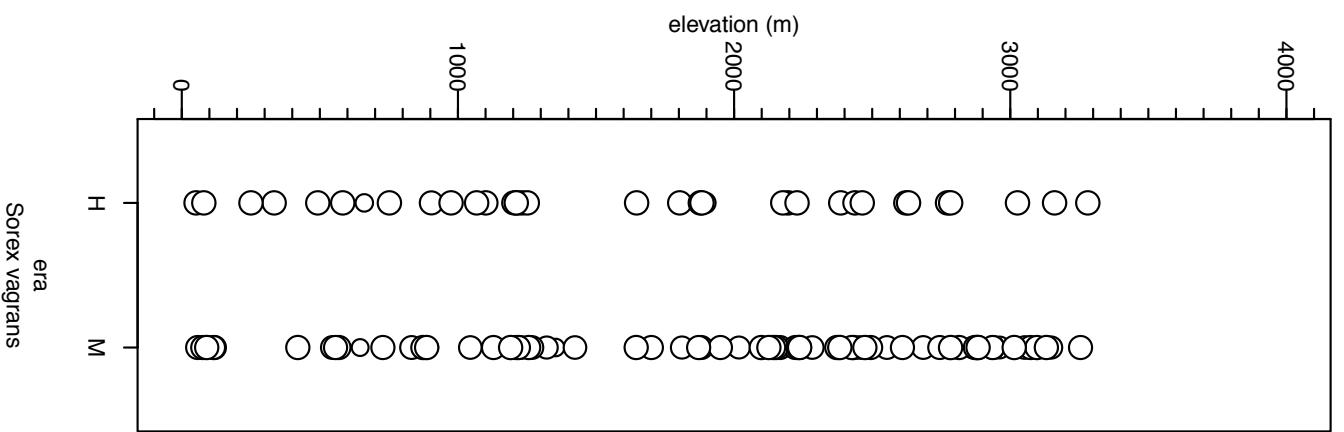


Sequoia – East Slope

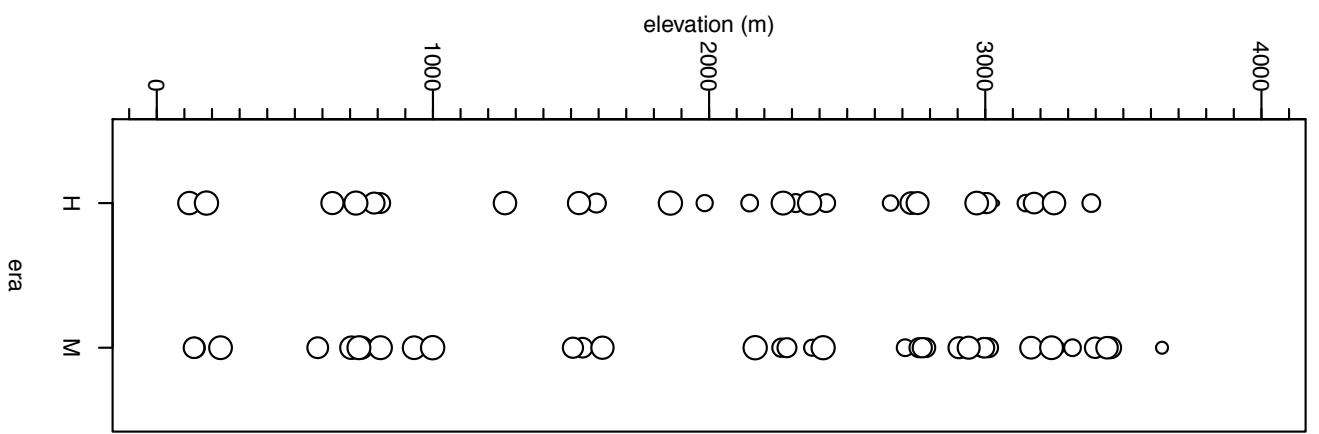




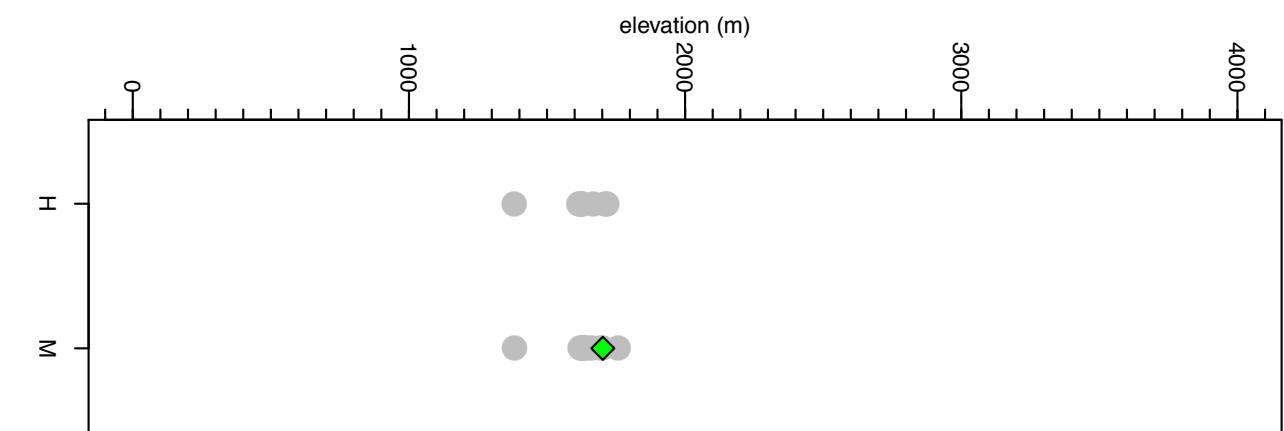
Lassen – West Slope



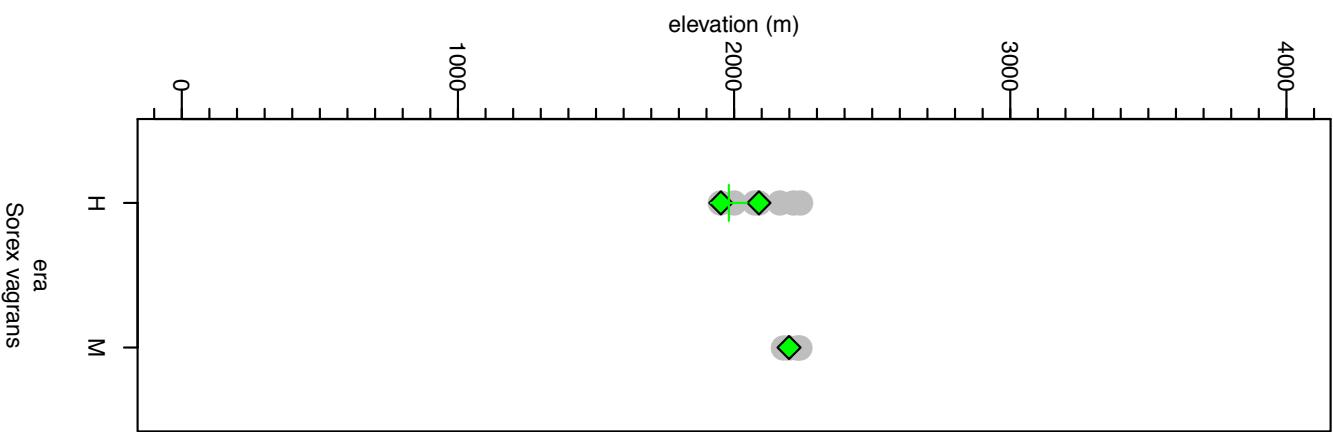
Yosemite – West Slope



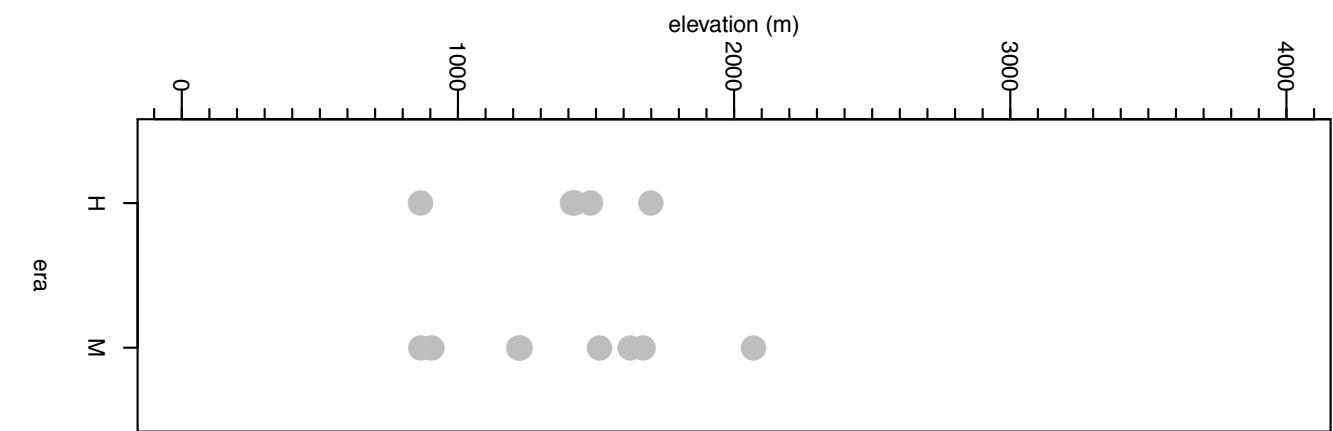
Lassen – East Slope



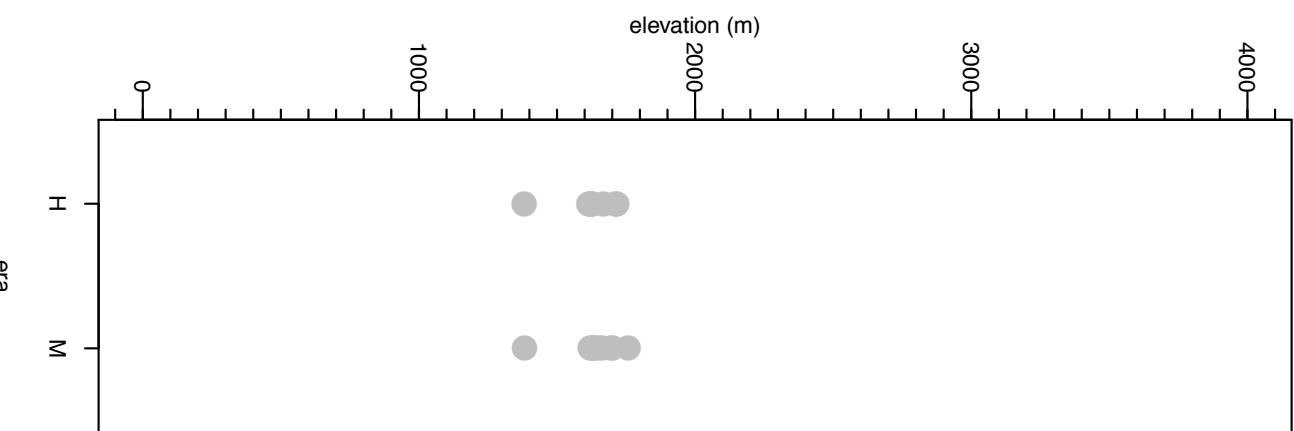
Yosemite – East Slope



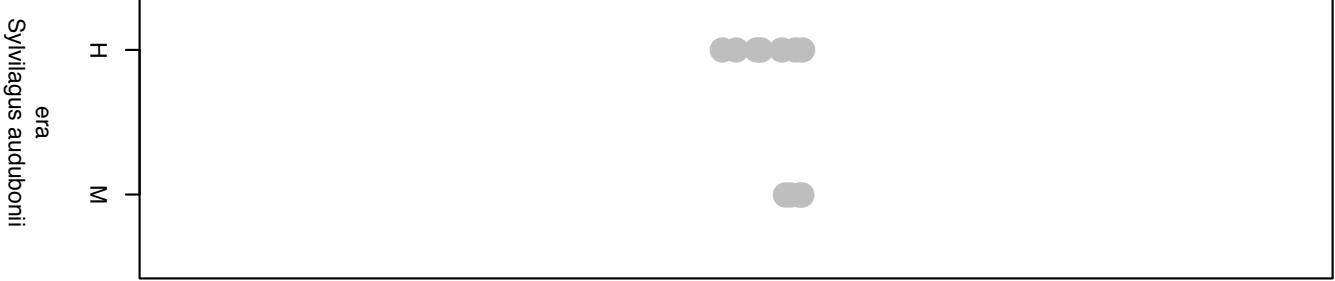
Sequoia – East Slope



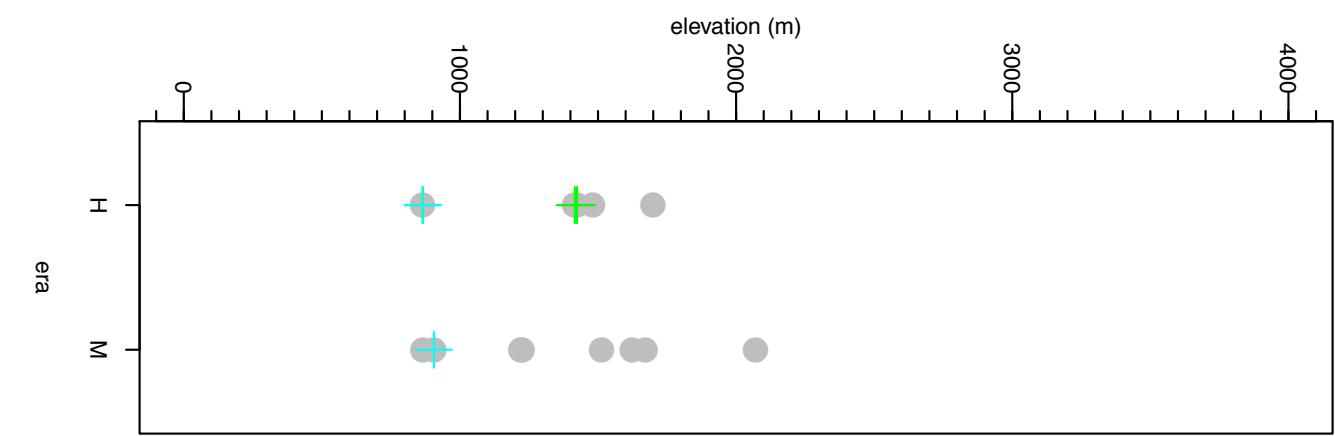
Lassen – East Slope



Yosemite – East Slope



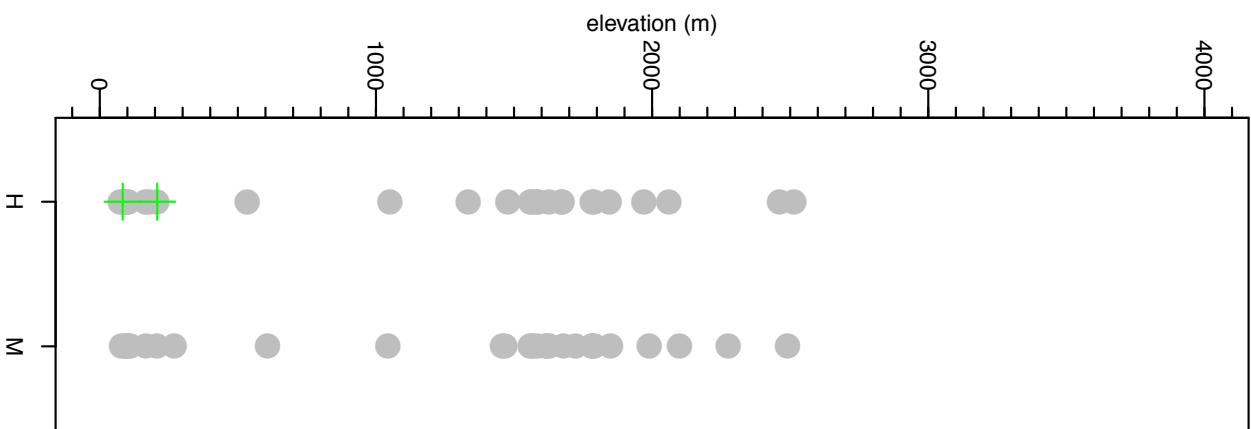
Sequoia – East Slope



Sylvilagus audubonii

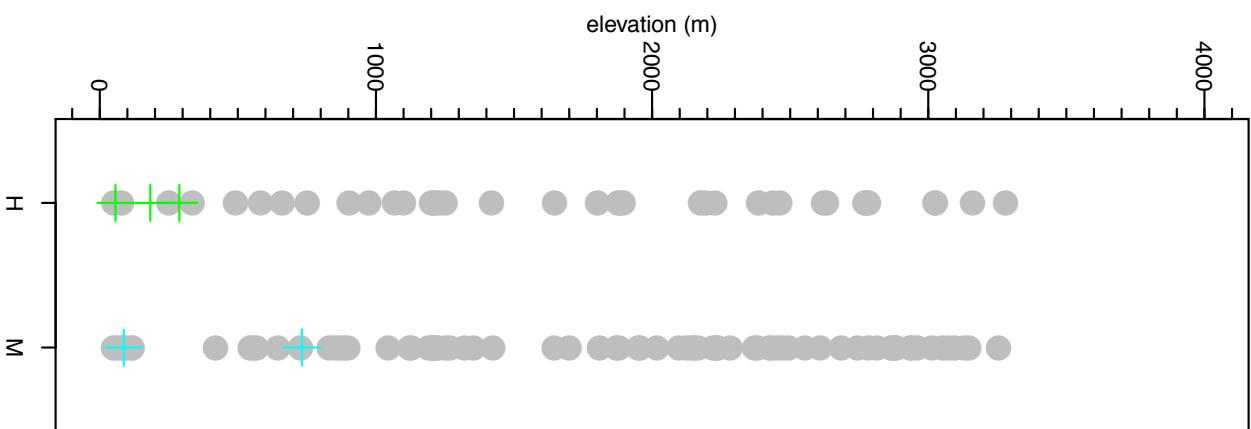
Lassen – West Slope

era



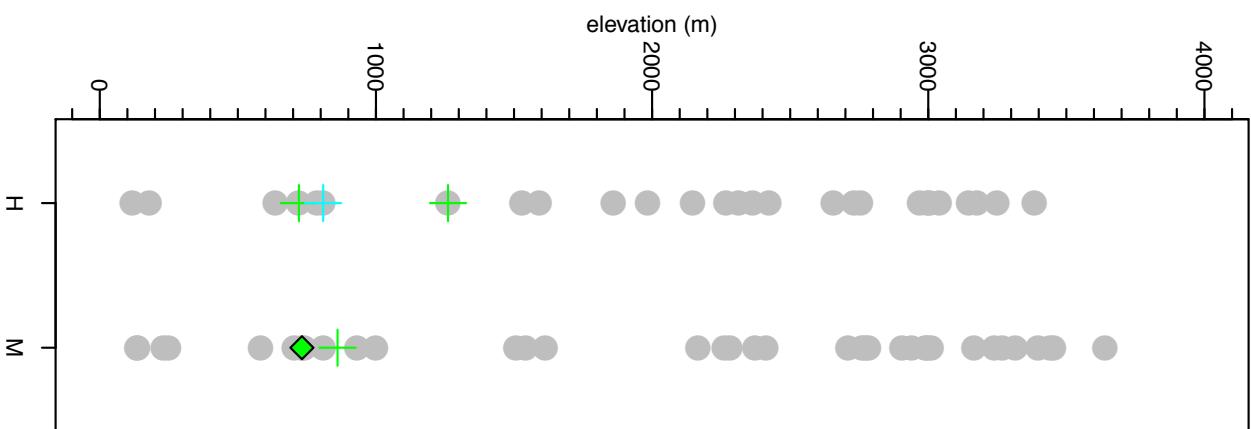
Yosemite – West Slope

Sylvilagus audubonii

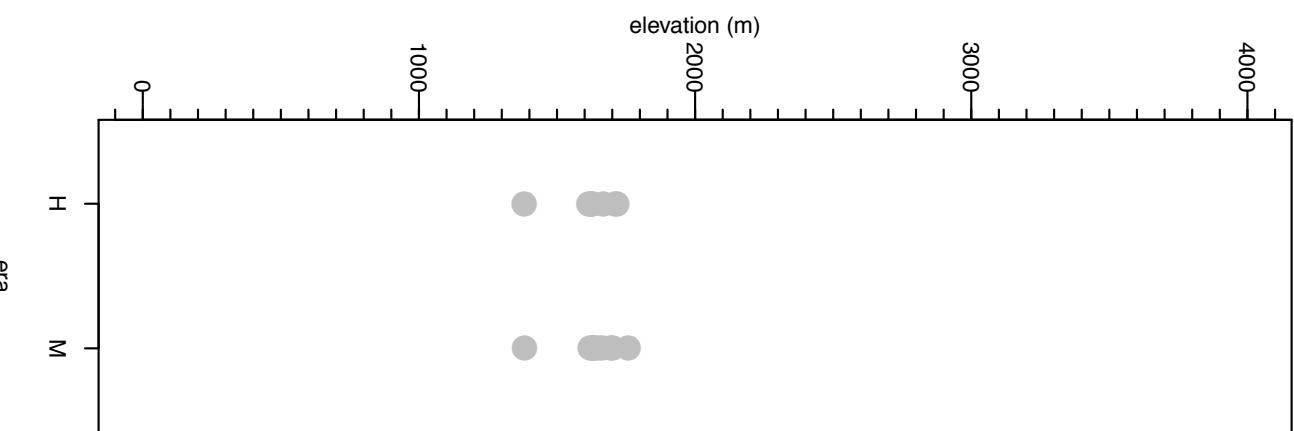


Sequoia – West Slope

era



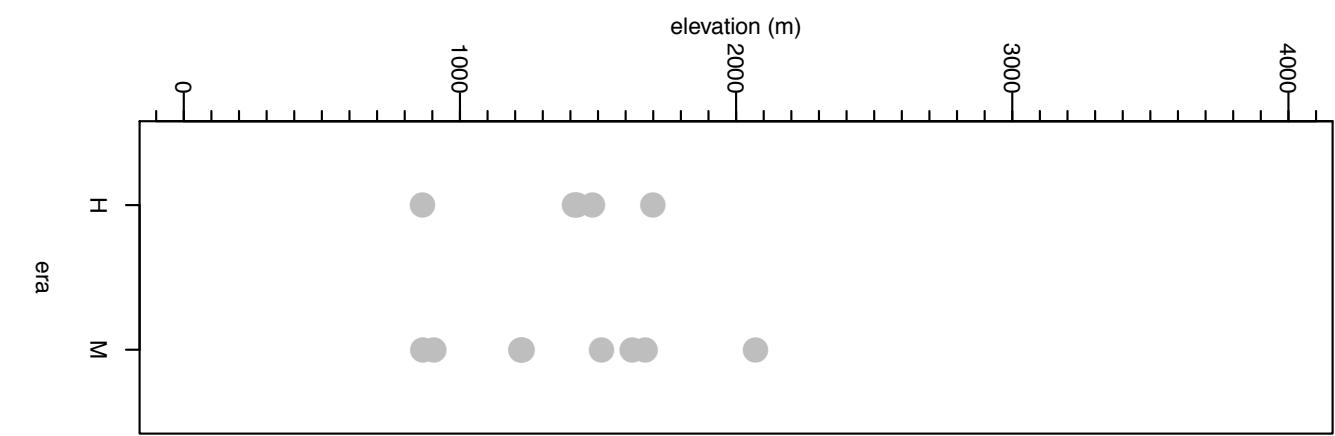
Lassen – East Slope



Yosemite – East Slope

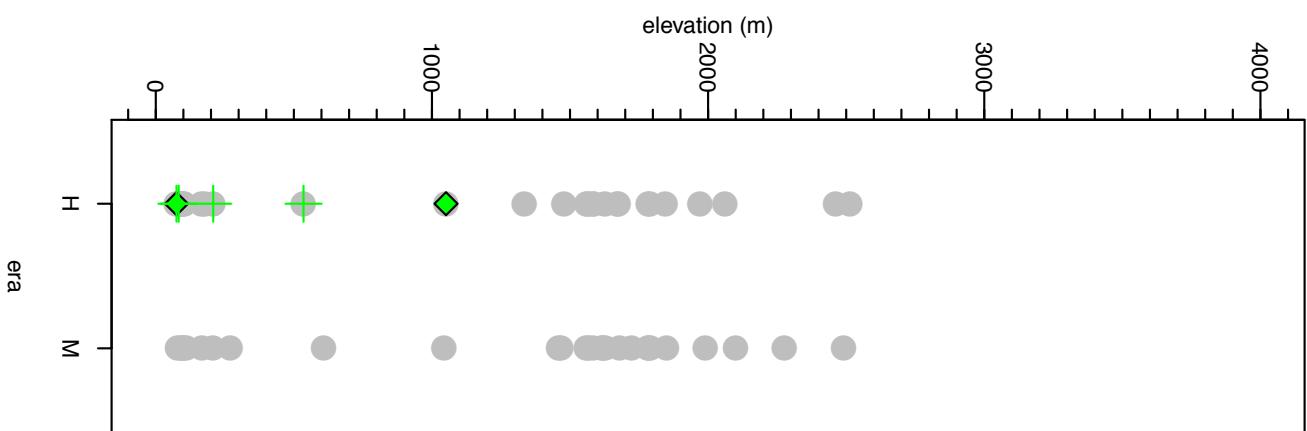


Sequoia – East Slope



Sylvilagus bachmani

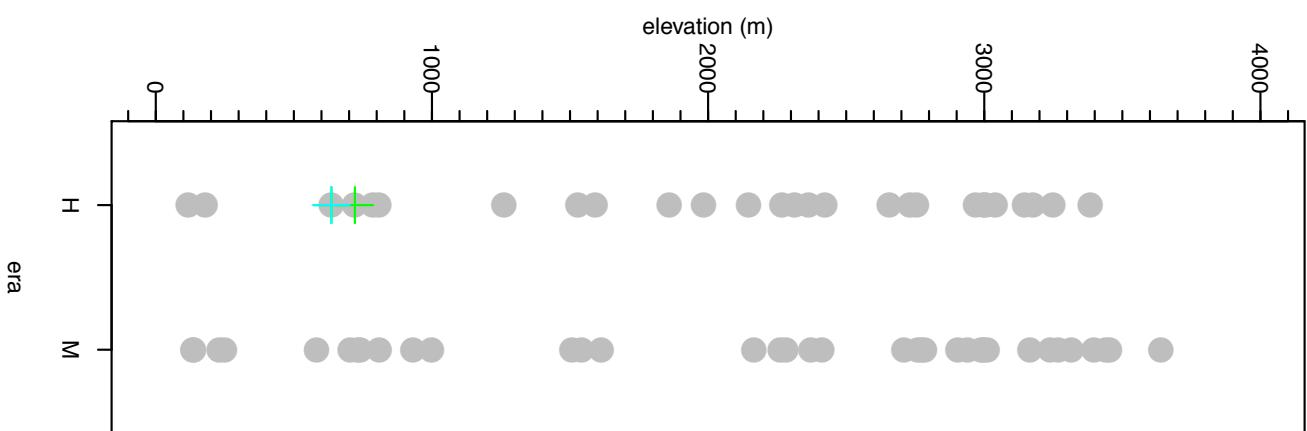
Lassen – West Slope



Yosemite – West Slope

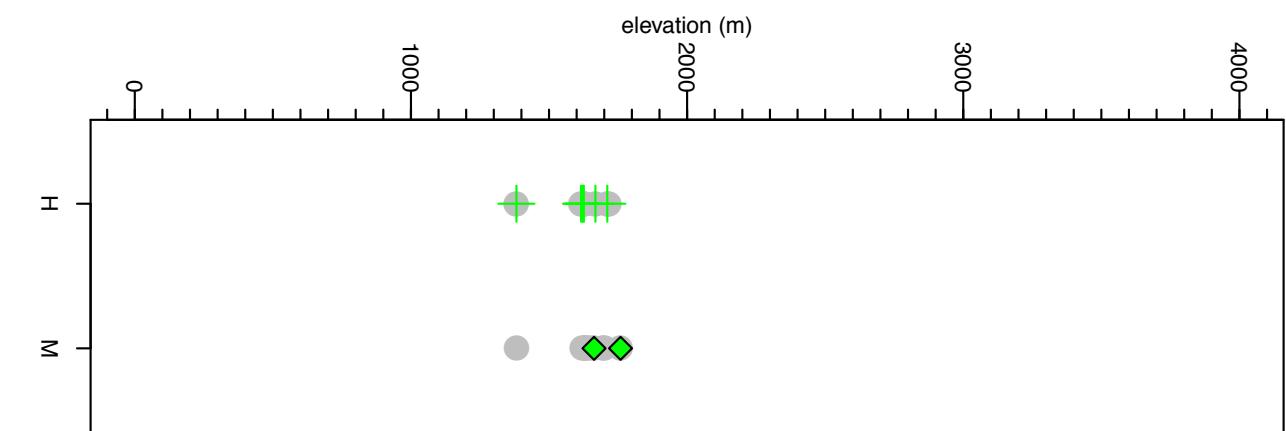


Sequoia – West Slope

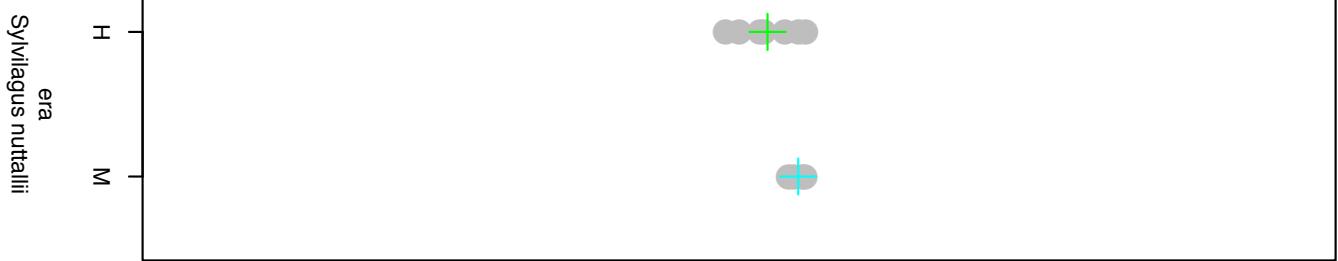


*Sylvilagus bachmani*

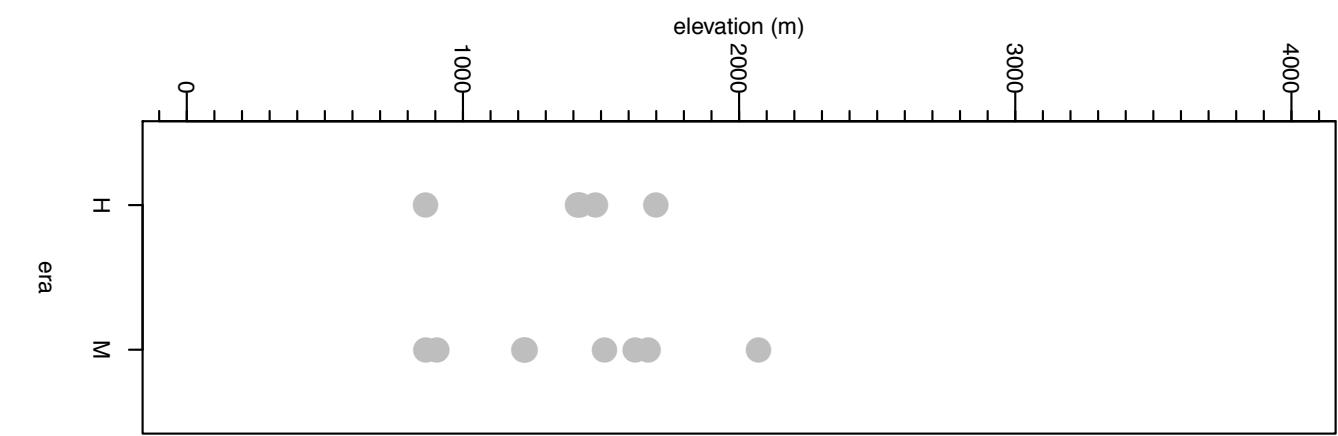
Lassen – East Slope



Yosemite – East Slope



Sequoia – East Slope

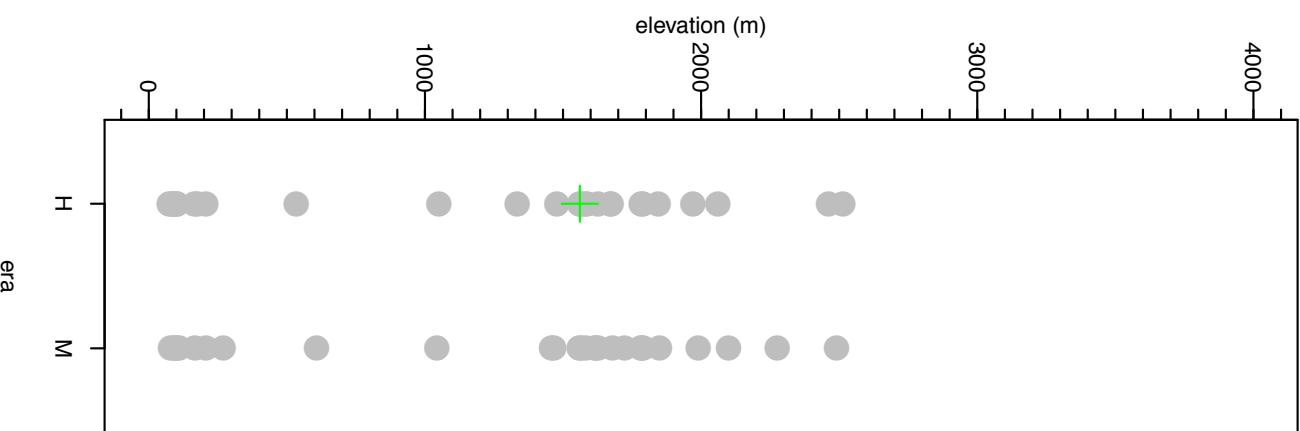


era

Sylvilagus nuttallii  
era

era

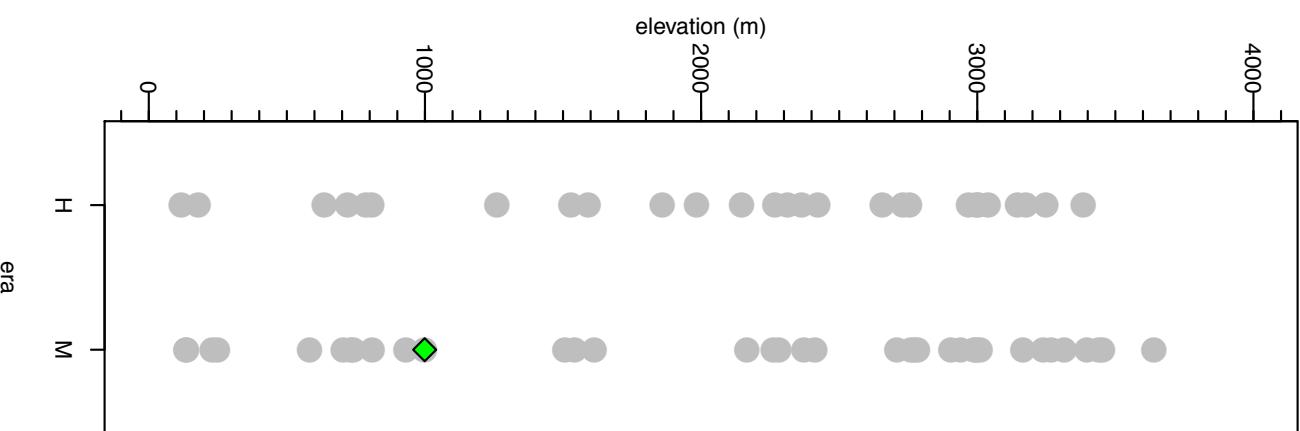
Lassen – West Slope



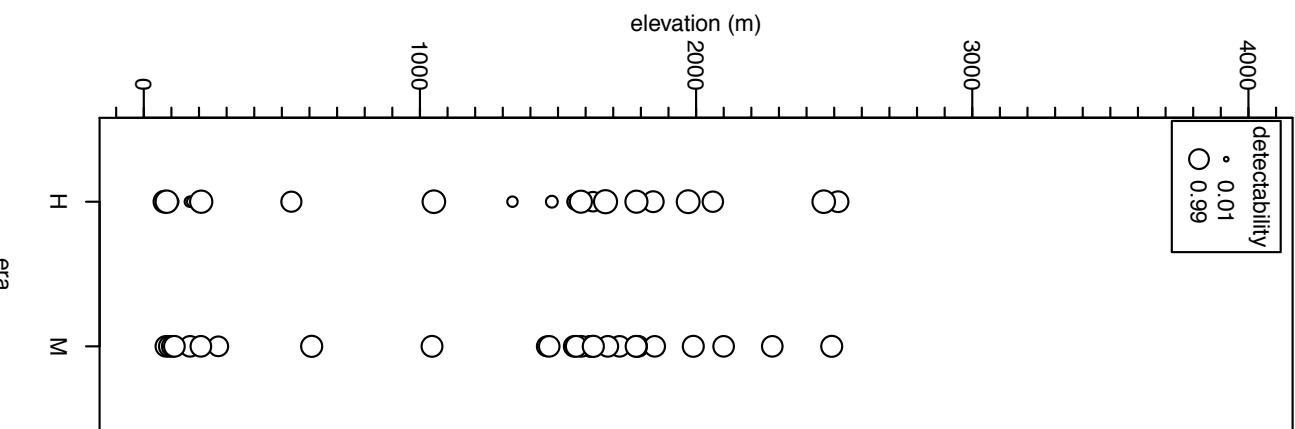
Yosemite – West Slope



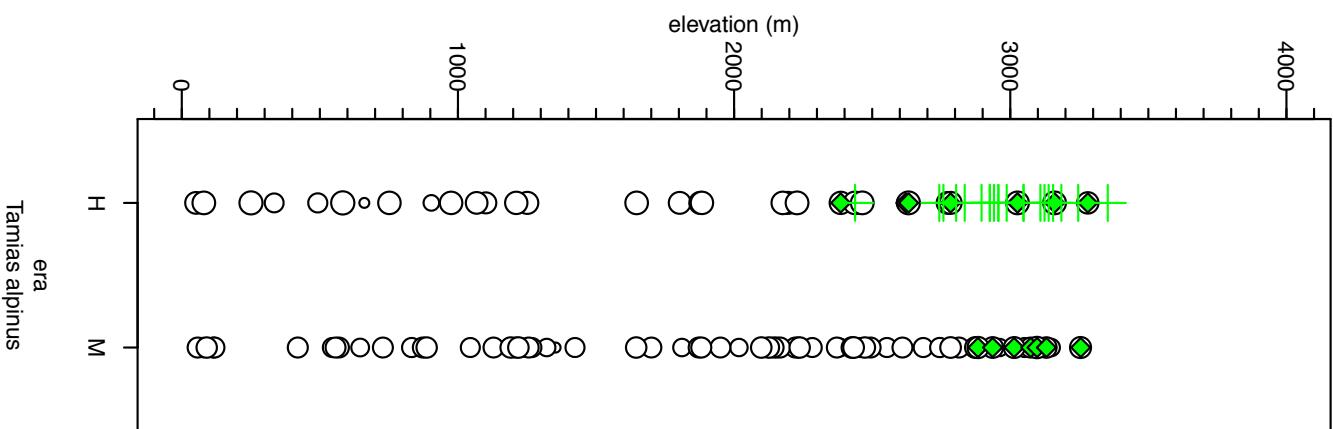
Sequoia – West Slope



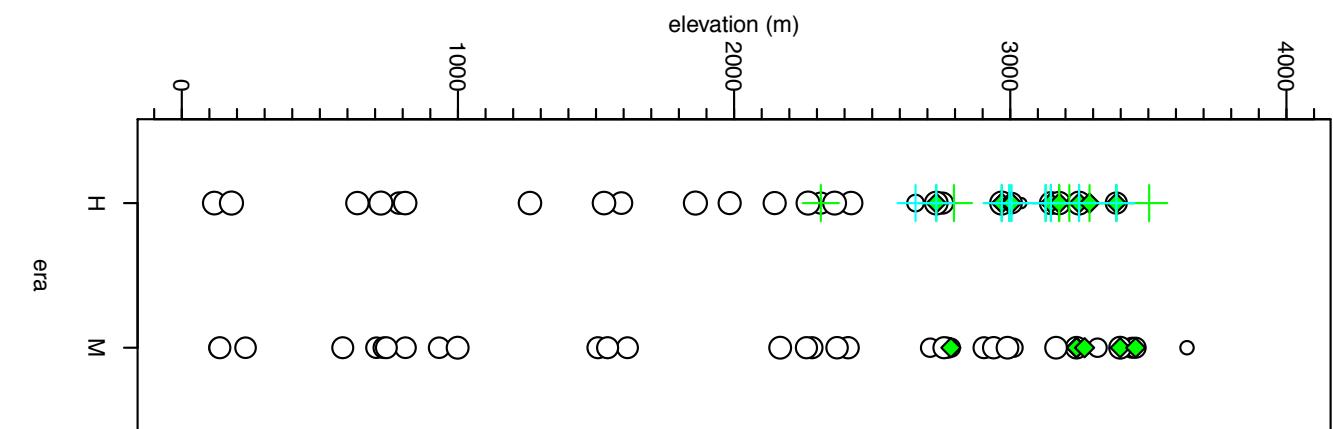
Lassen – West Slope



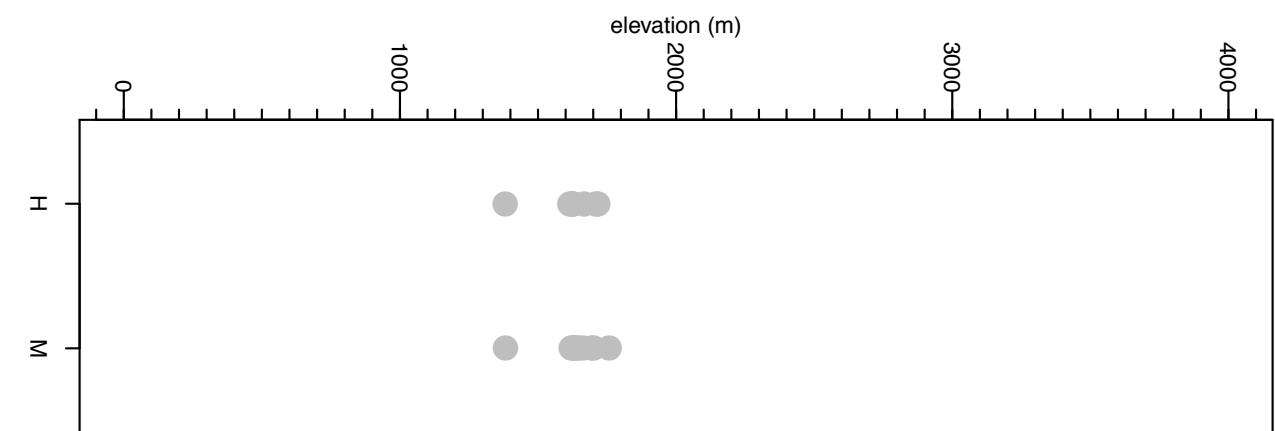
Yosemite – West Slope



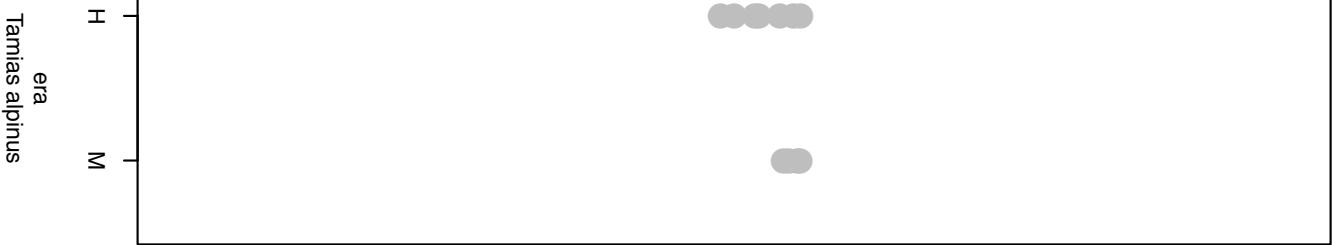
Sequoia – West Slope



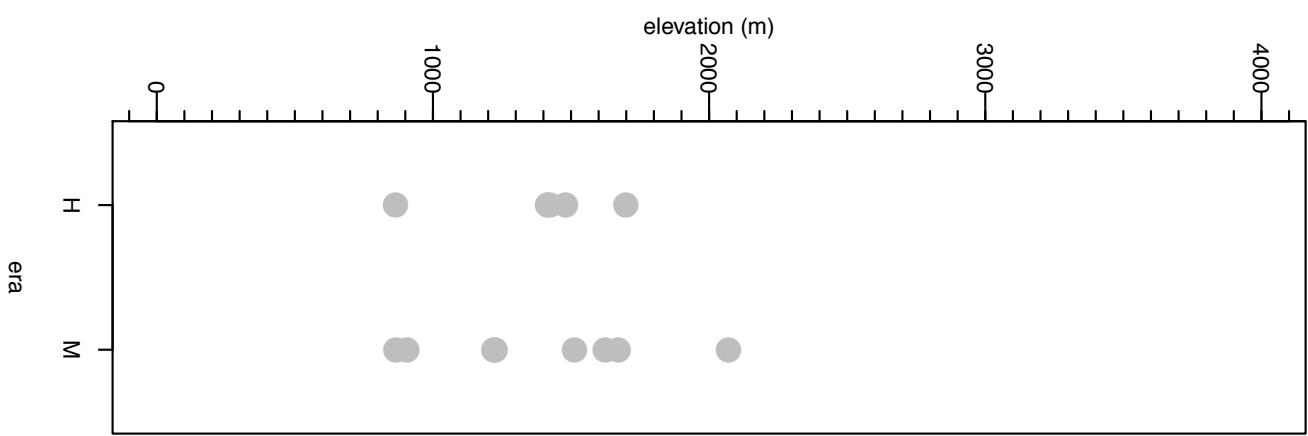
Lassen – East Slope



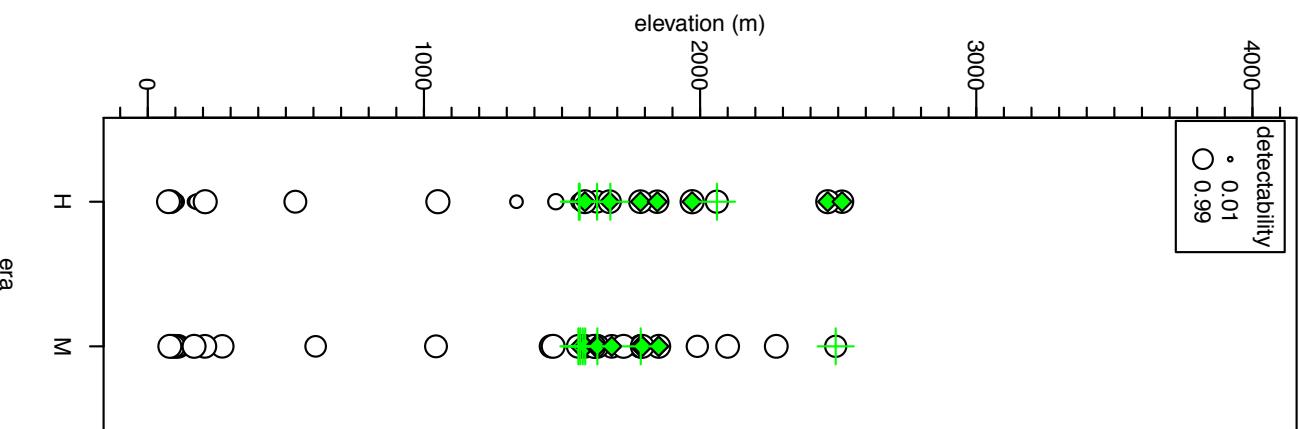
Yosemite – East Slope



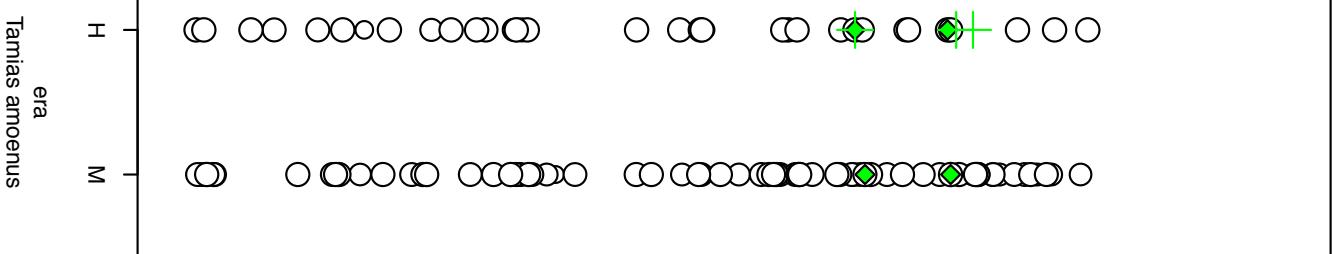
Sequoia – East Slope



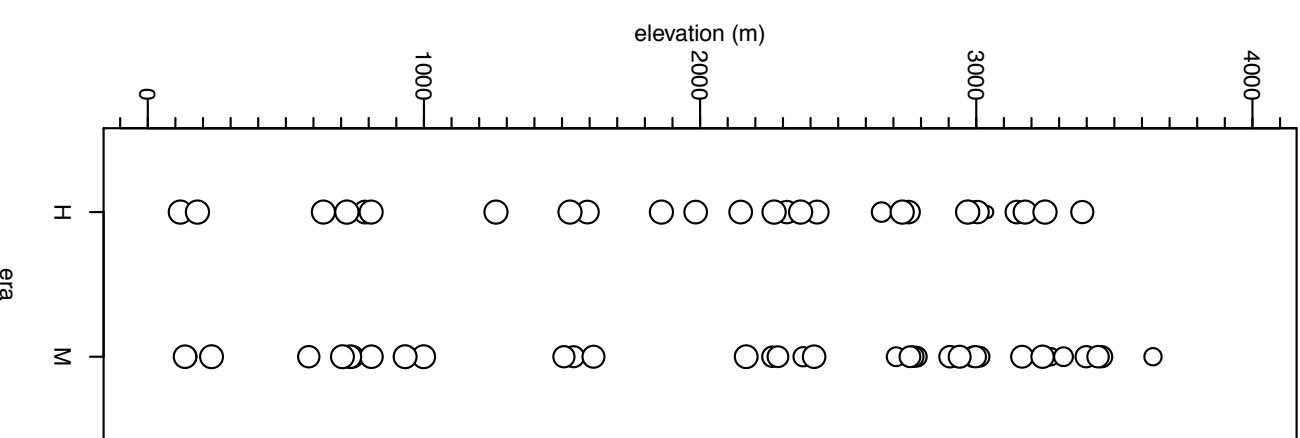
Lassen – West Slope



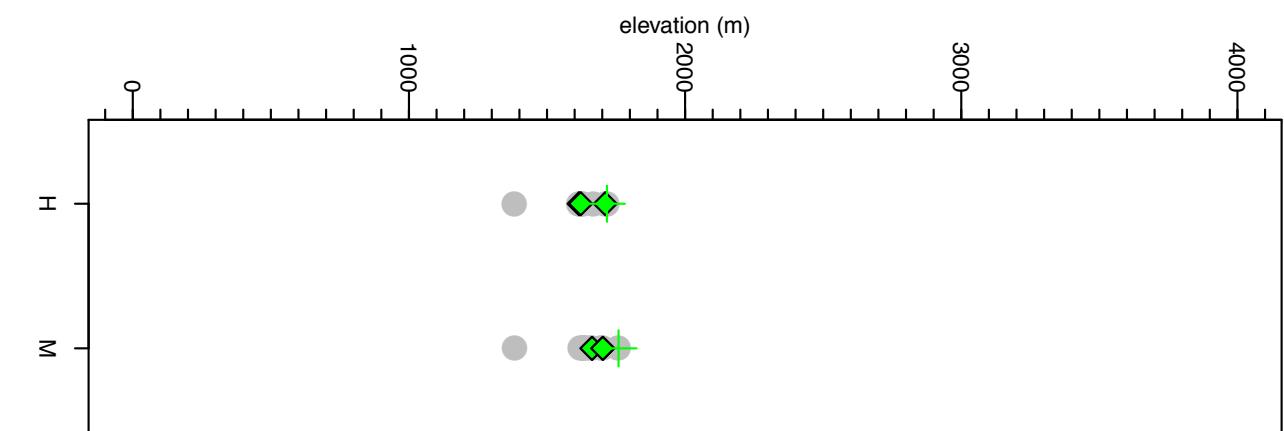
Yosemite – West Slope



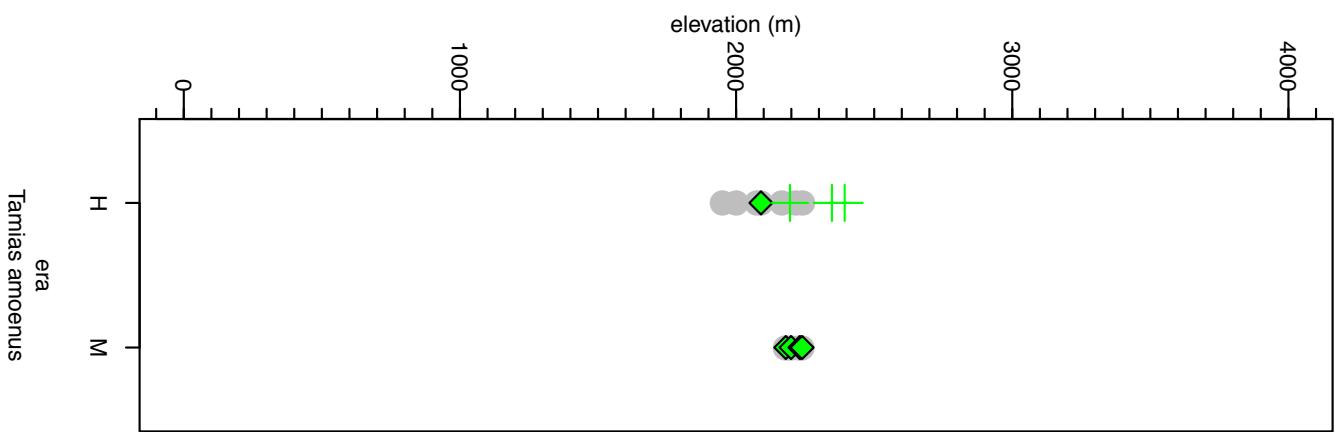
Sequoia – West Slope



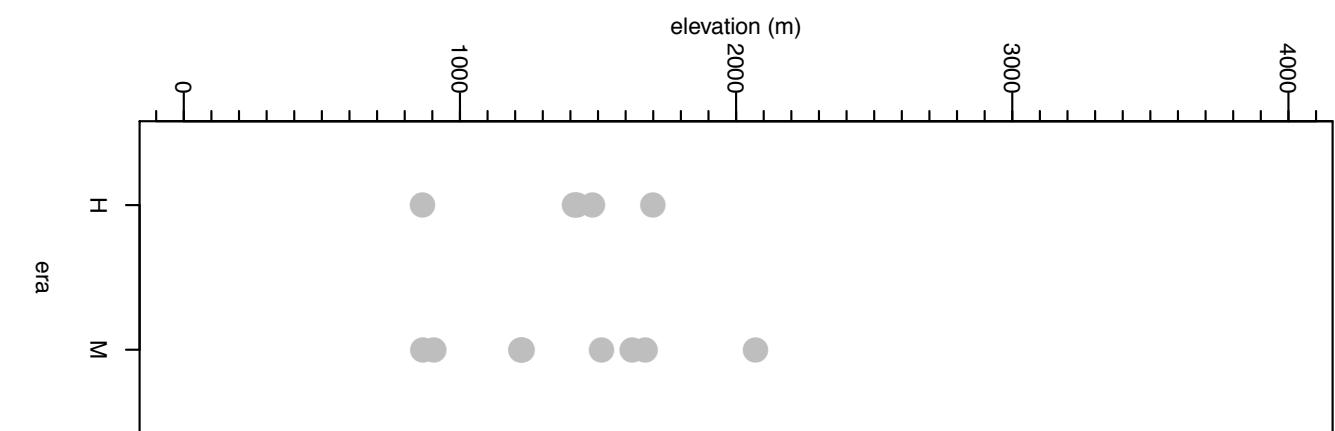
Lassen – East Slope



Yosemite – East Slope

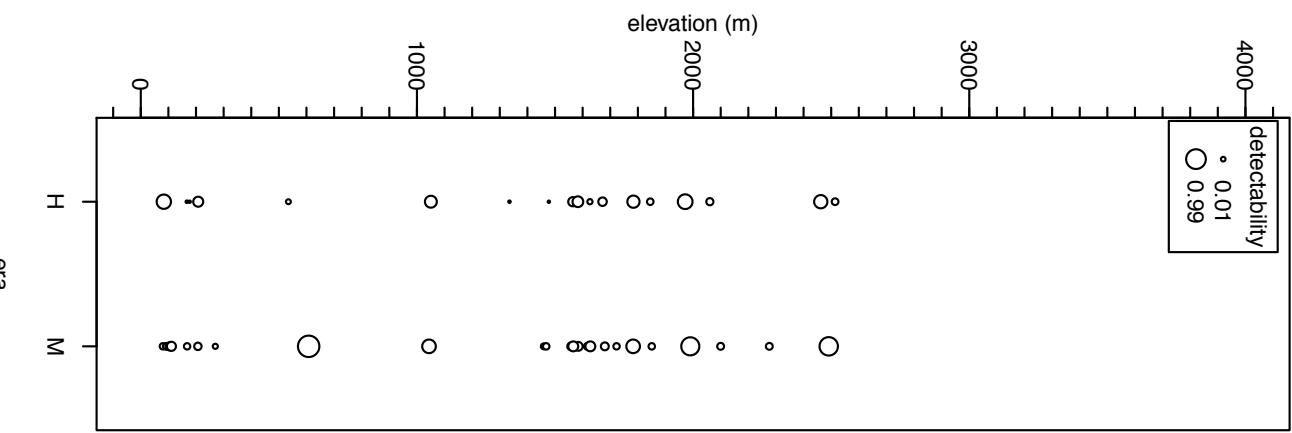


Sequoia – East Slope

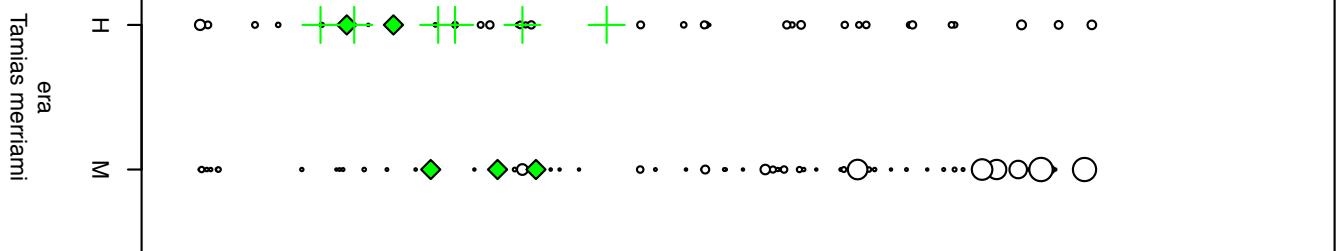


Tamias amoenus

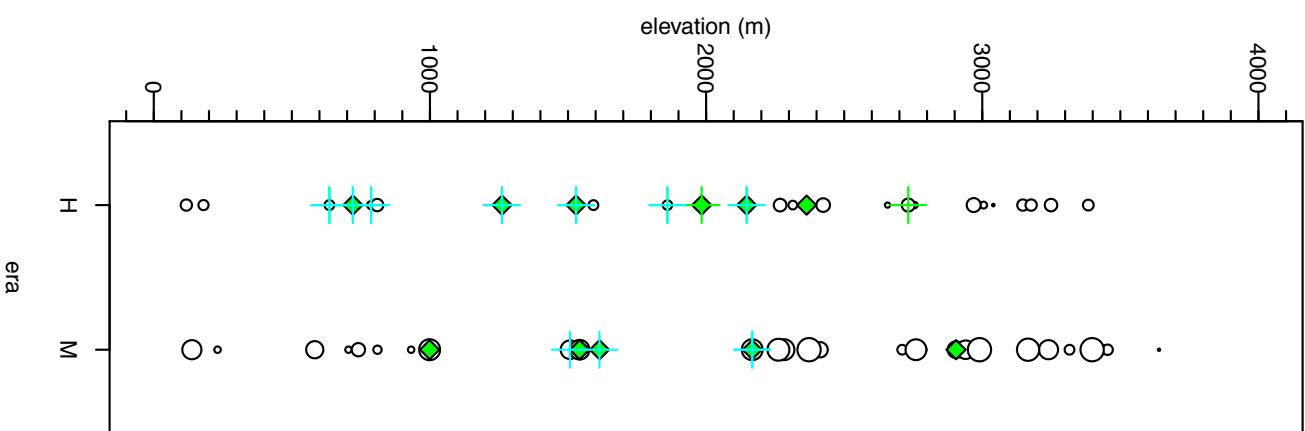
Lassen – West Slope



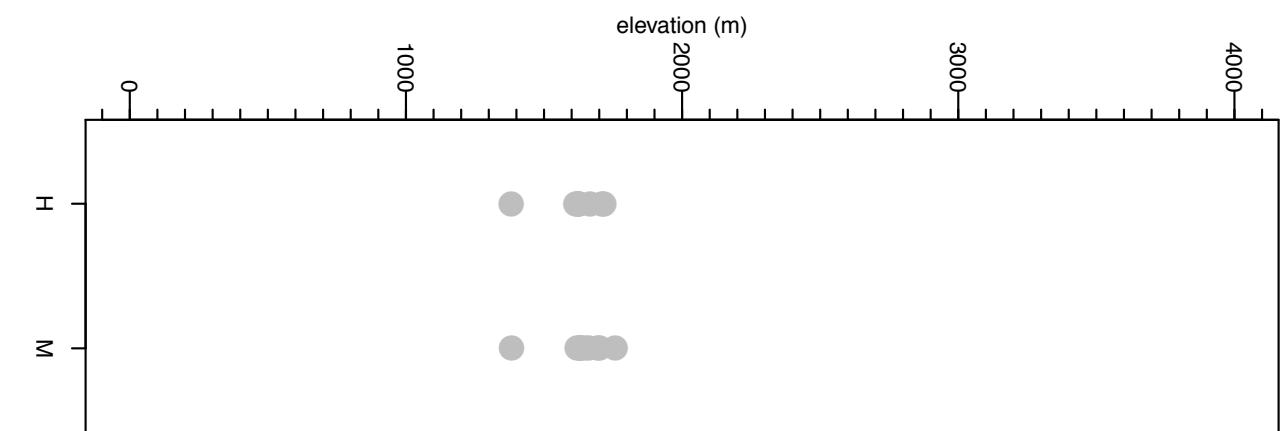
Yosemite – West Slope



Sequoia – West Slope



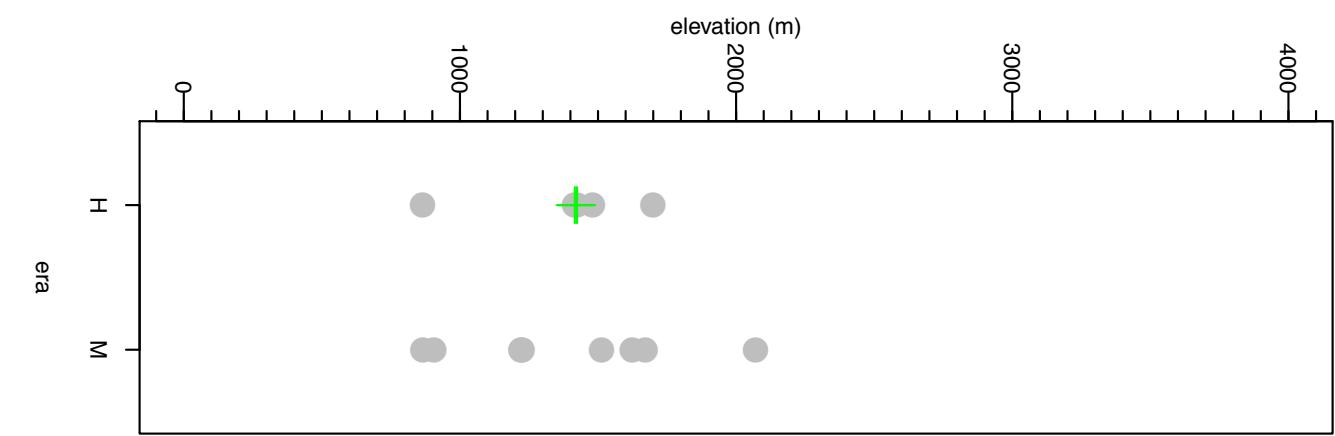
Lassen – East Slope



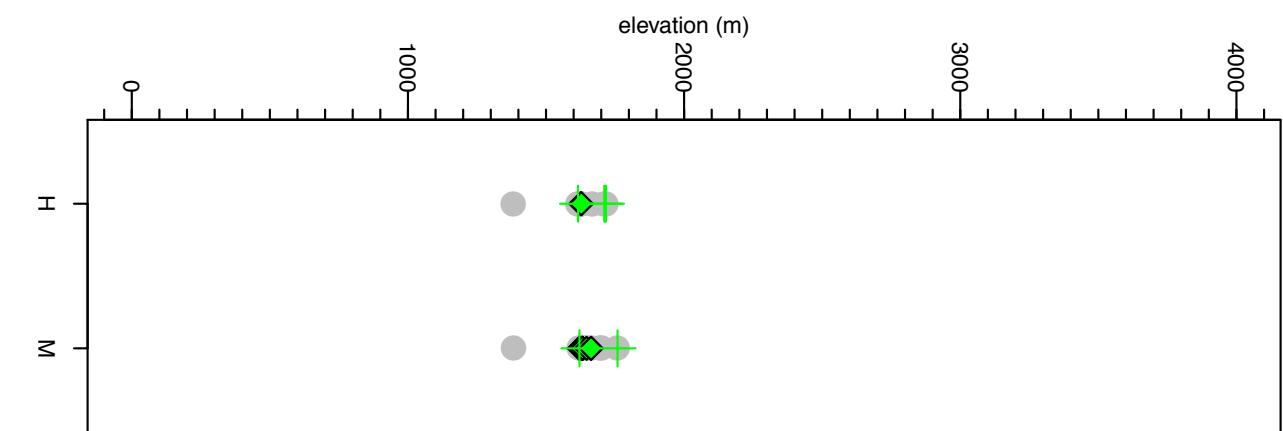
Yosemite – East Slope



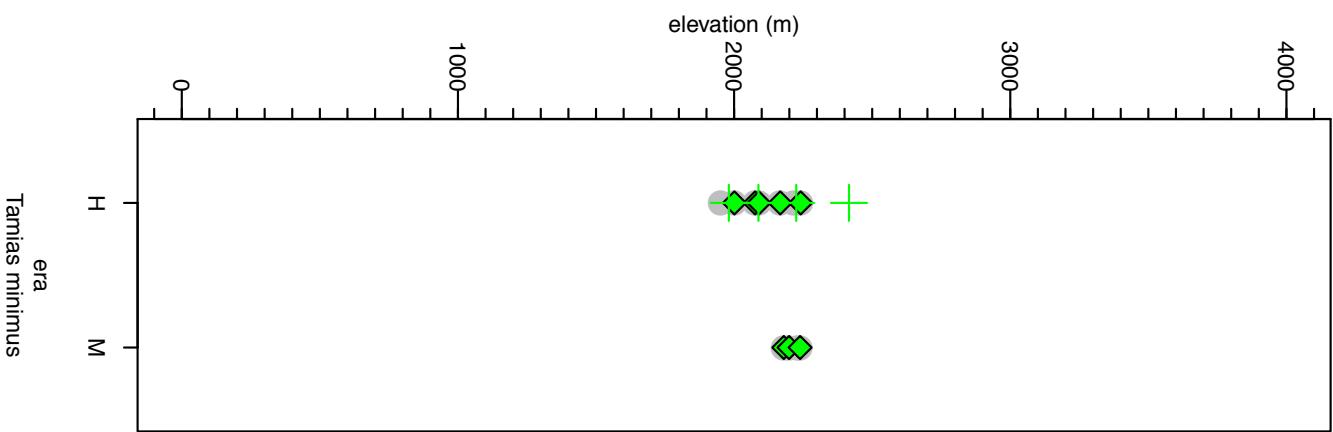
Sequoia – East Slope



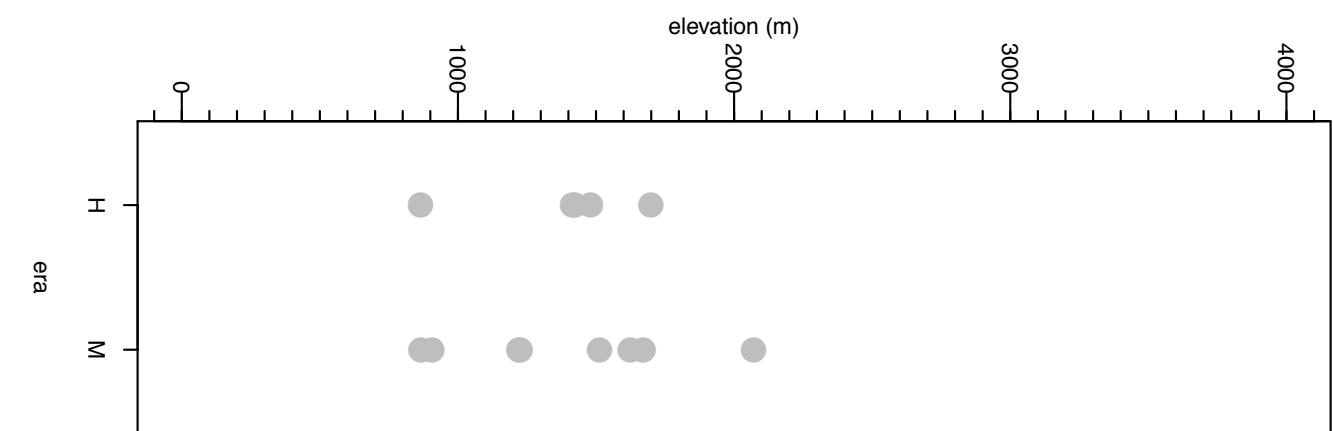
Lassen – East Slope



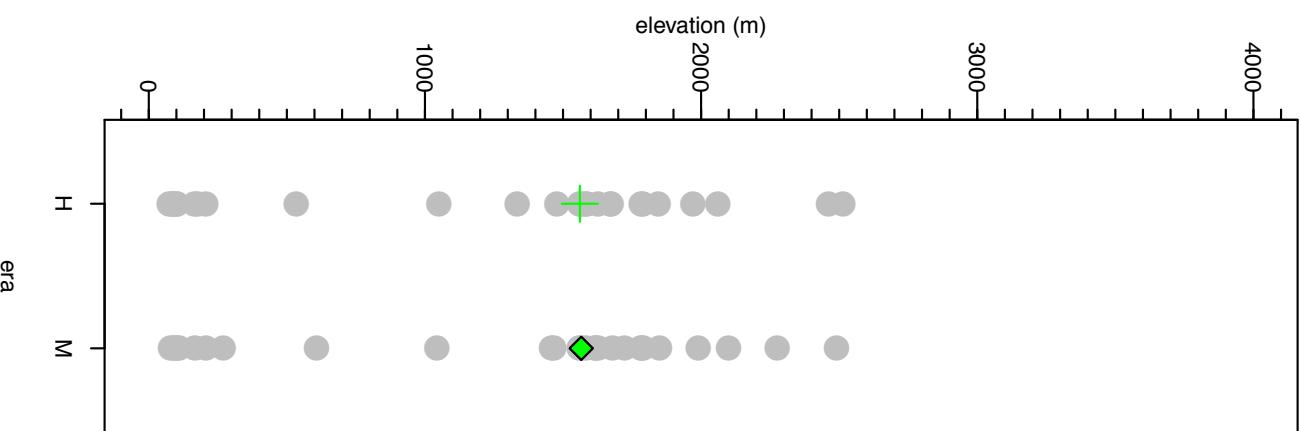
Yosemite – East Slope



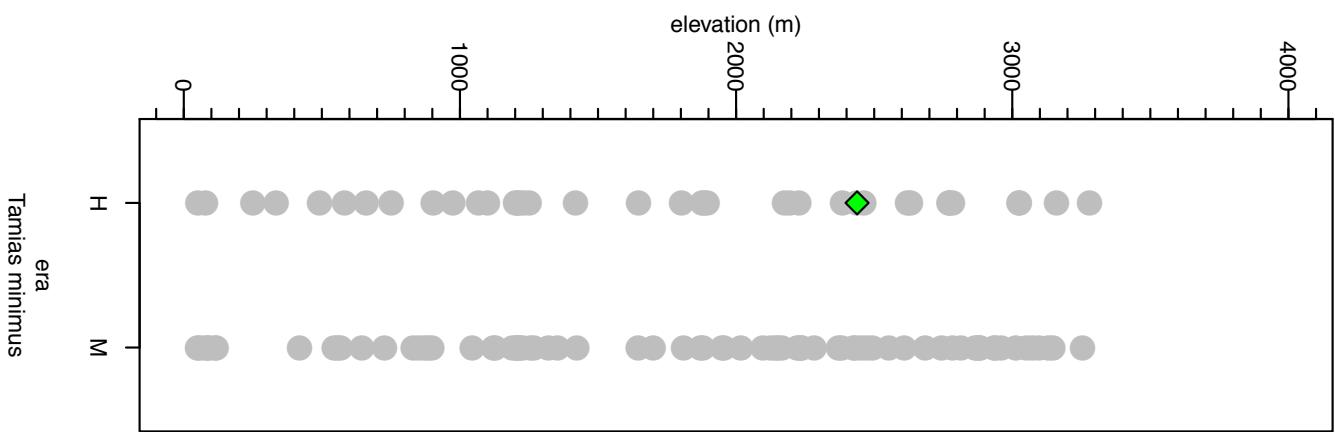
Sequoia – East Slope



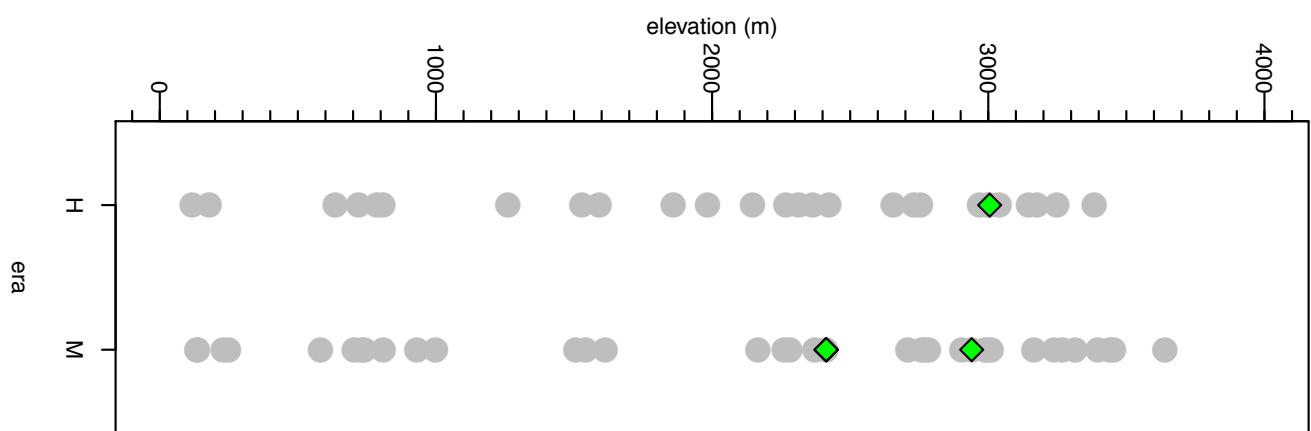
Lassen – West Slope



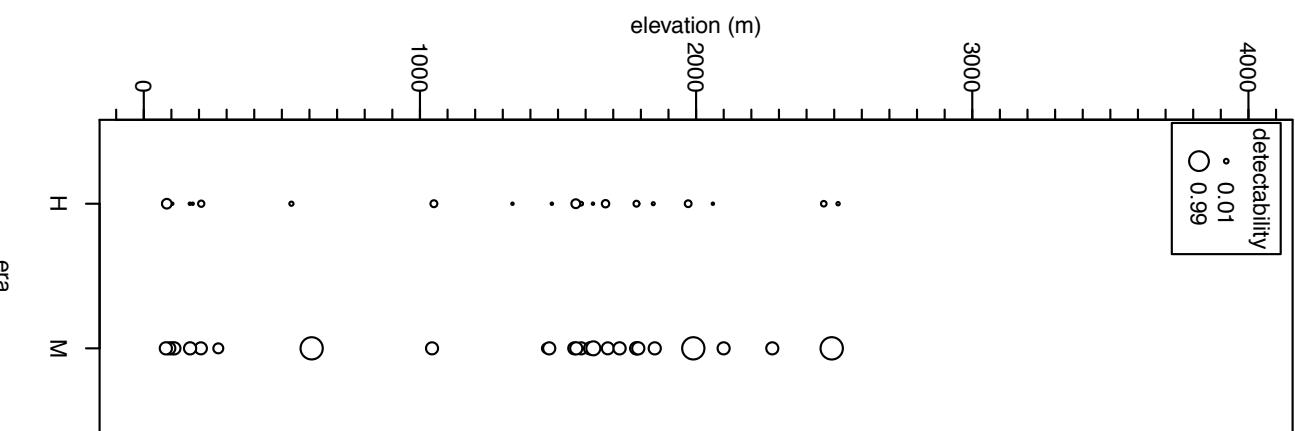
Yosemite – West Slope



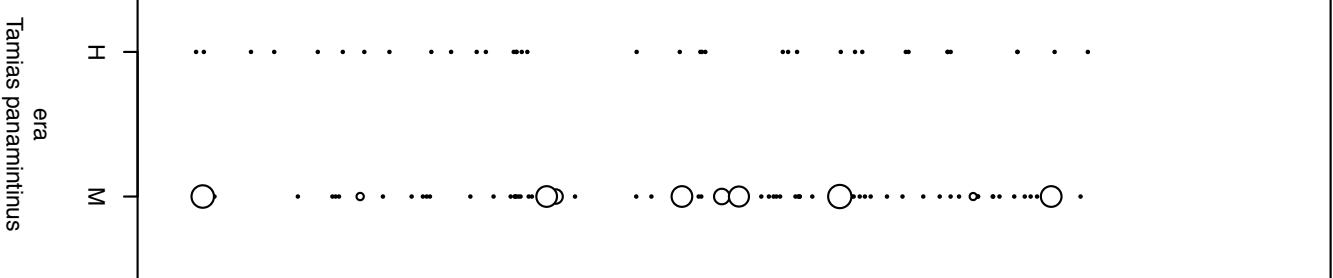
Sequoia – West Slope



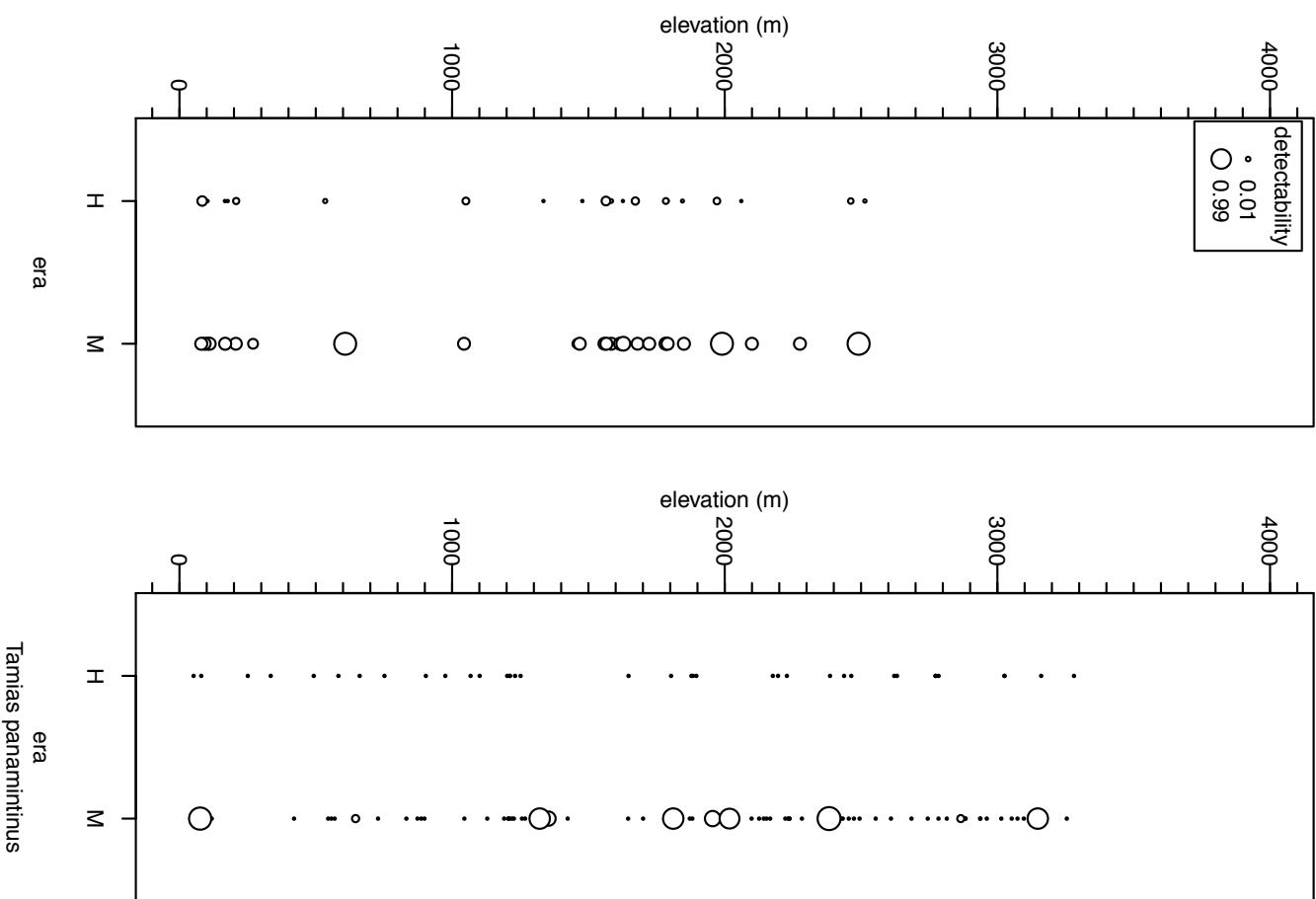
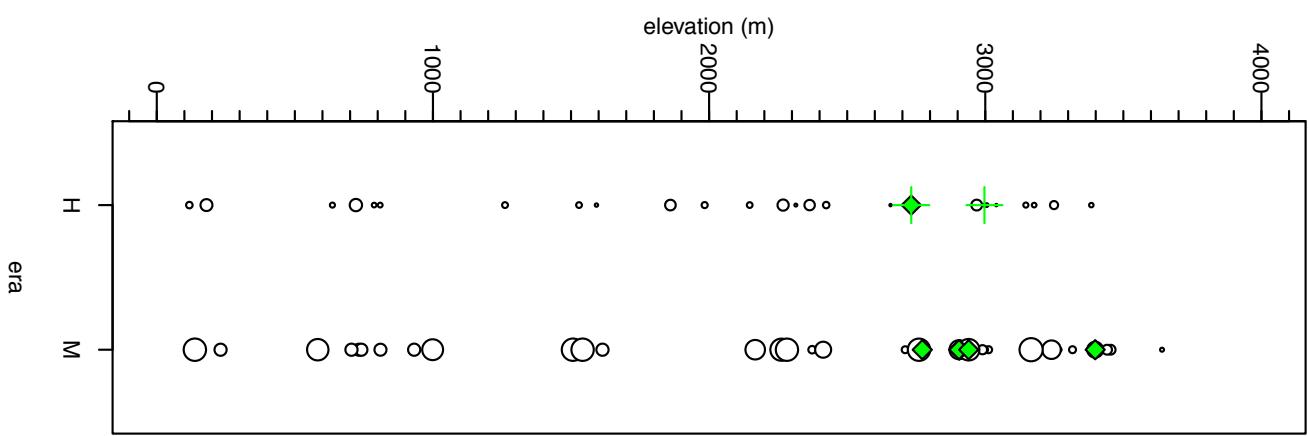
Lassen – West Slope



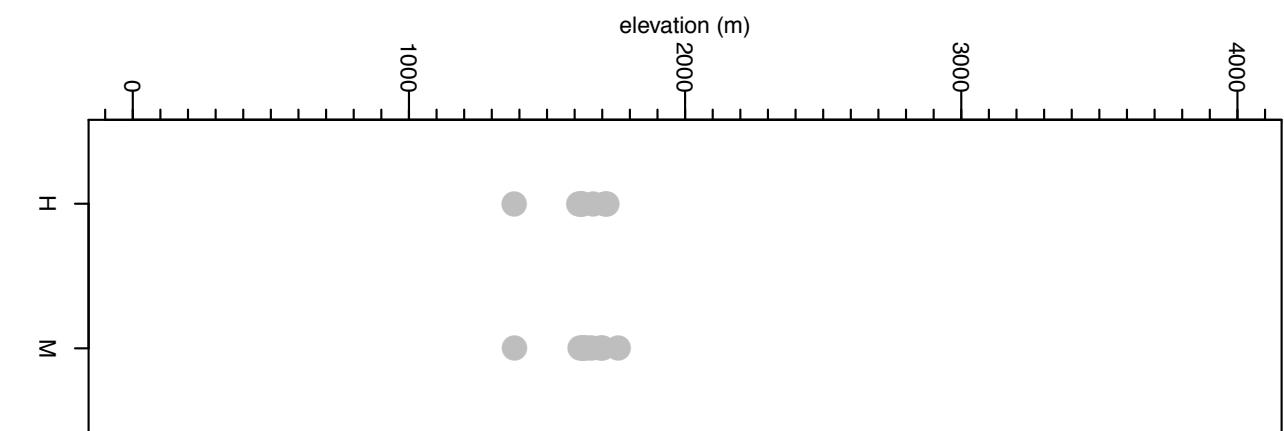
Yosemite – West Slope



Sequoia – West Slope



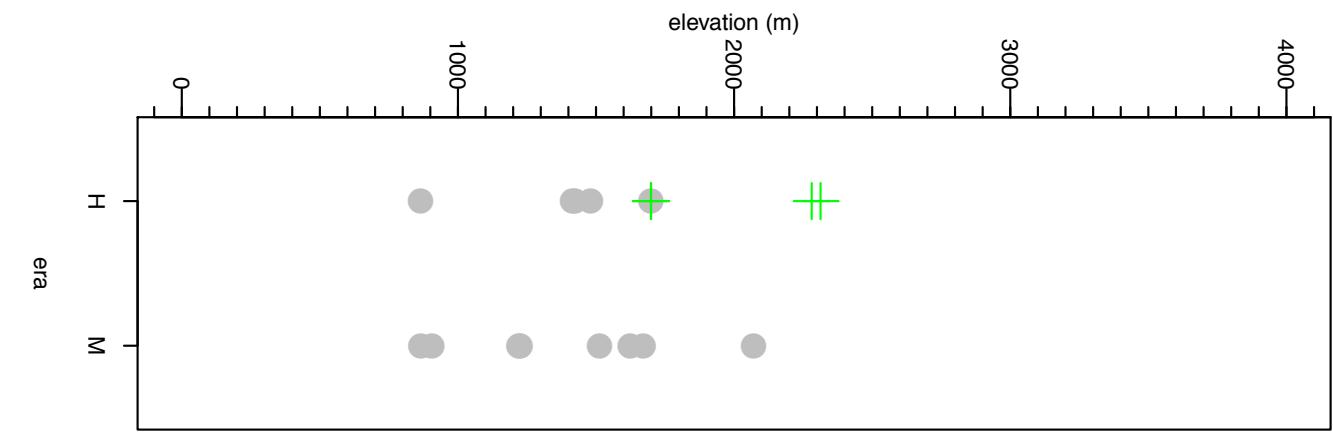
Lassen – East Slope



Yosemite – East Slope

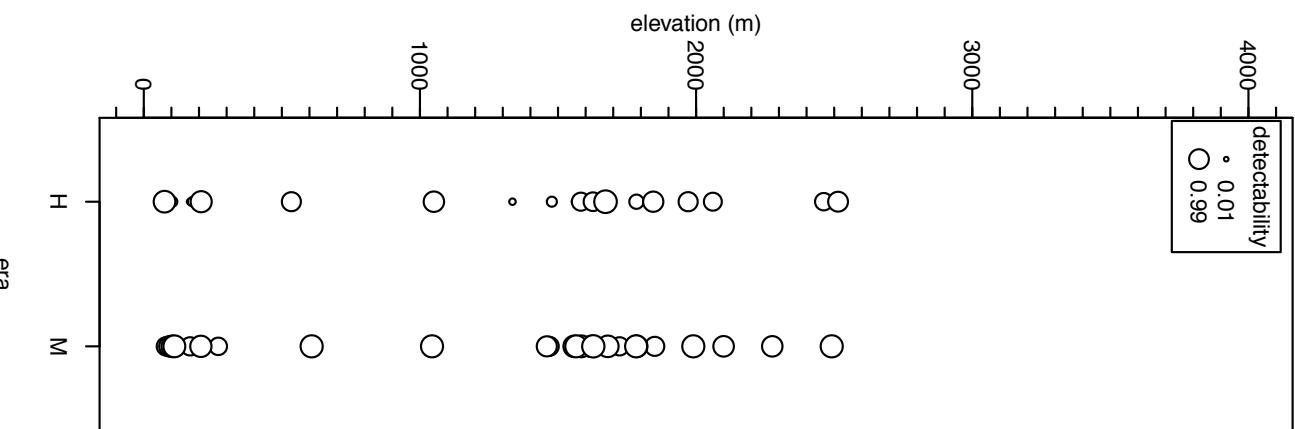


Sequoia – East Slope

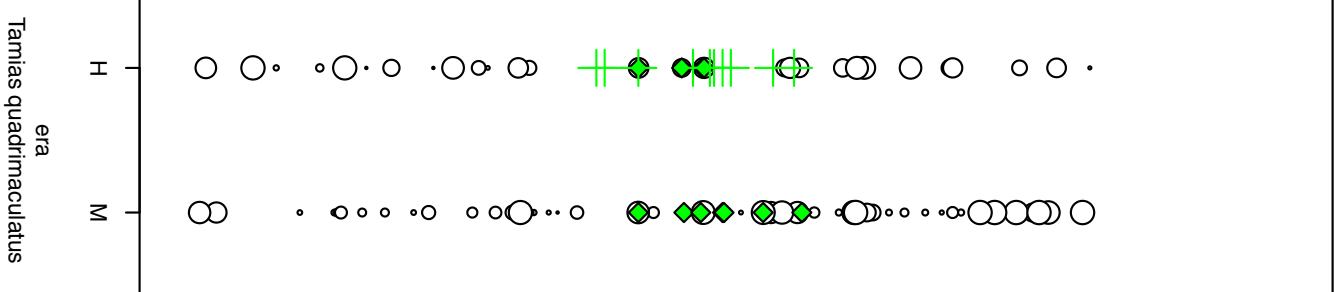


Tamias panamintinus

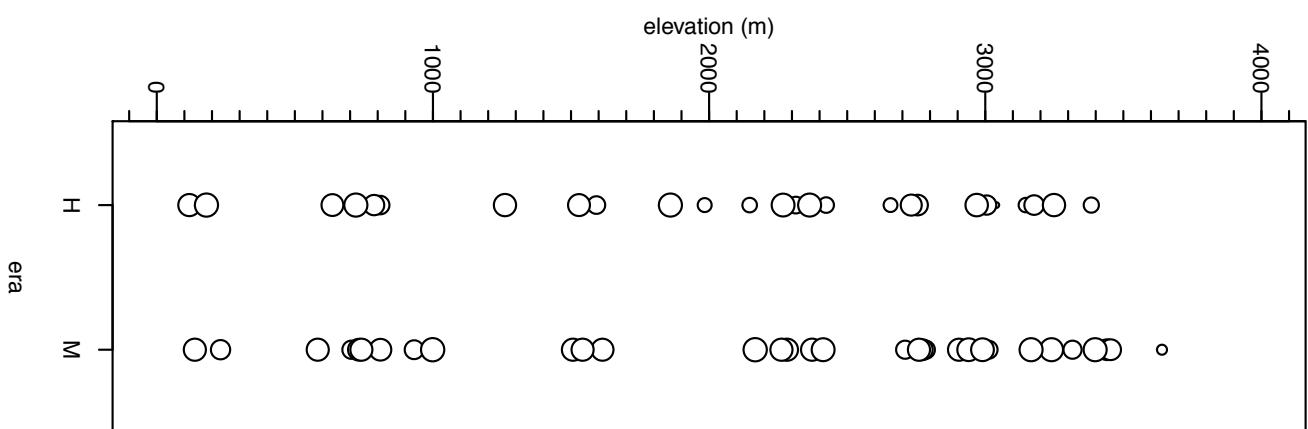
Lassen – West Slope



Yosemite – West Slope



Sequoia – West Slope



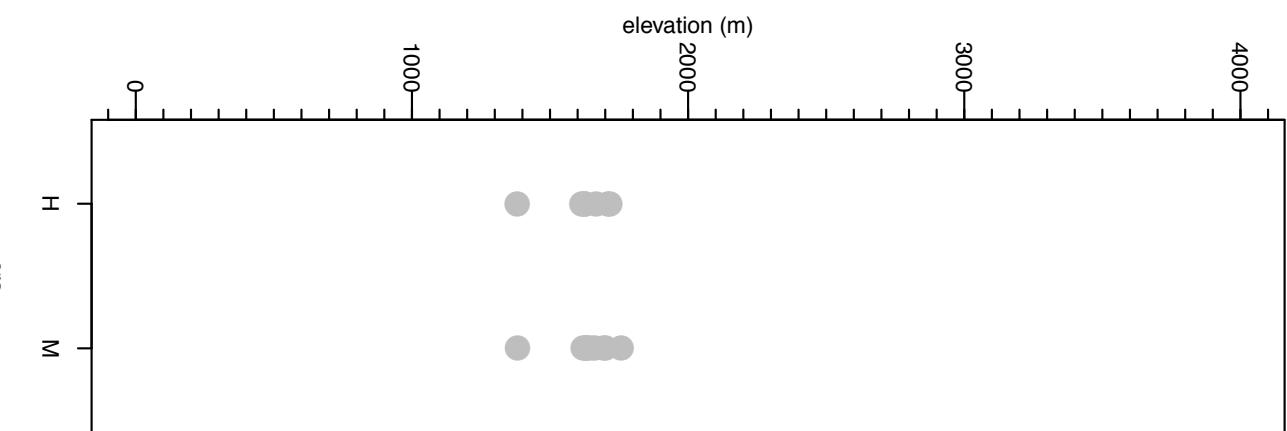
Tamias quadrivittatus

era

era

era

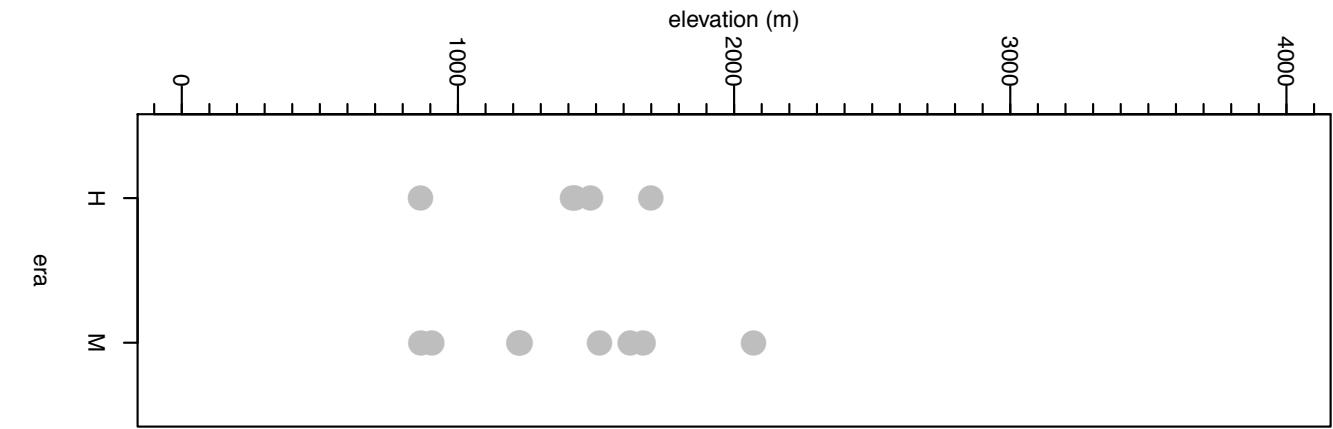
Lassen – East Slope



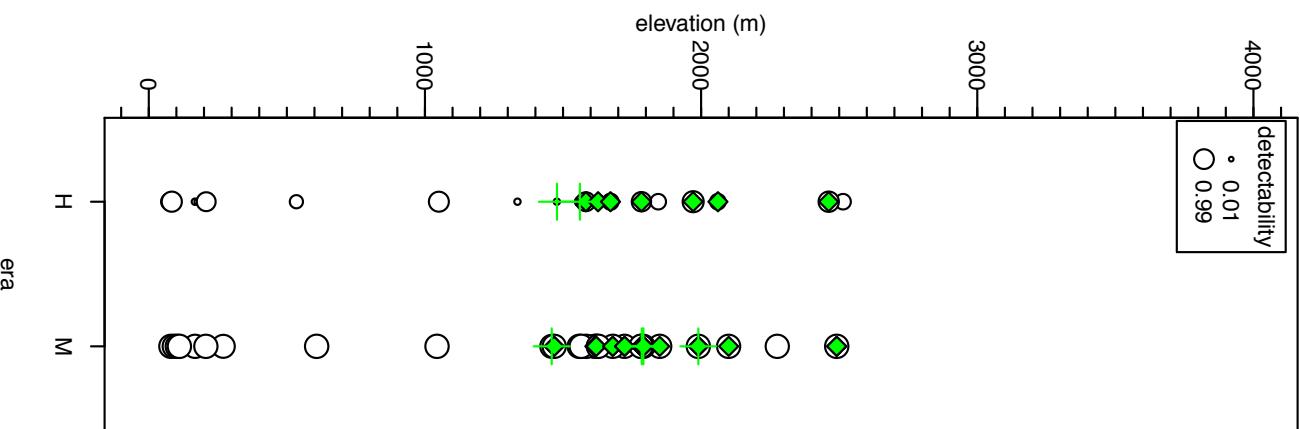
Yosemite – East Slope



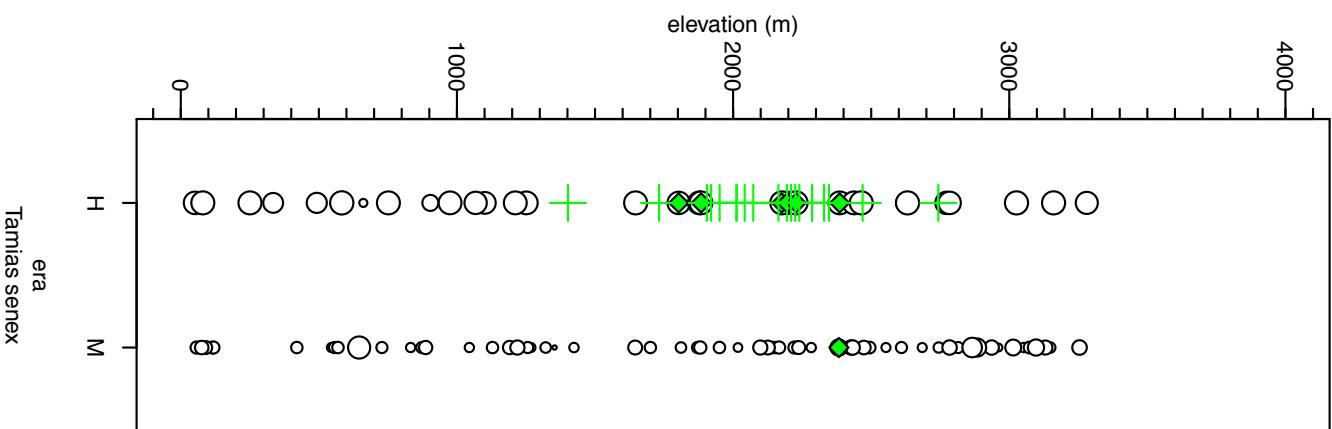
Sequoia – East Slope



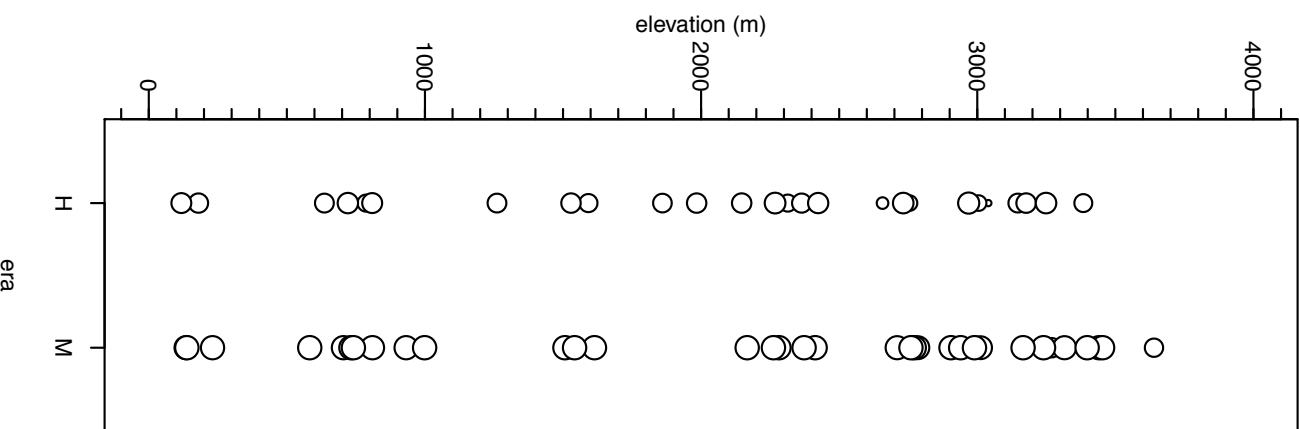
Lassen – West Slope



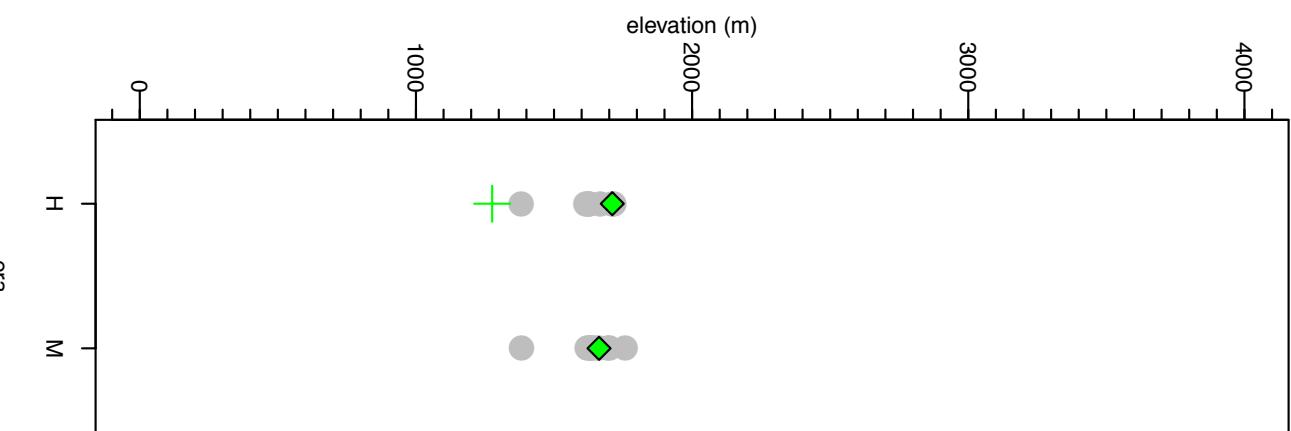
Yosemite – West Slope



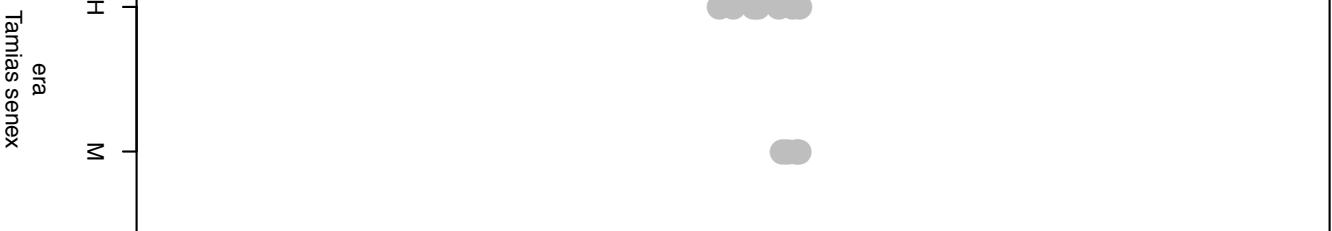
Sequoia – West Slope



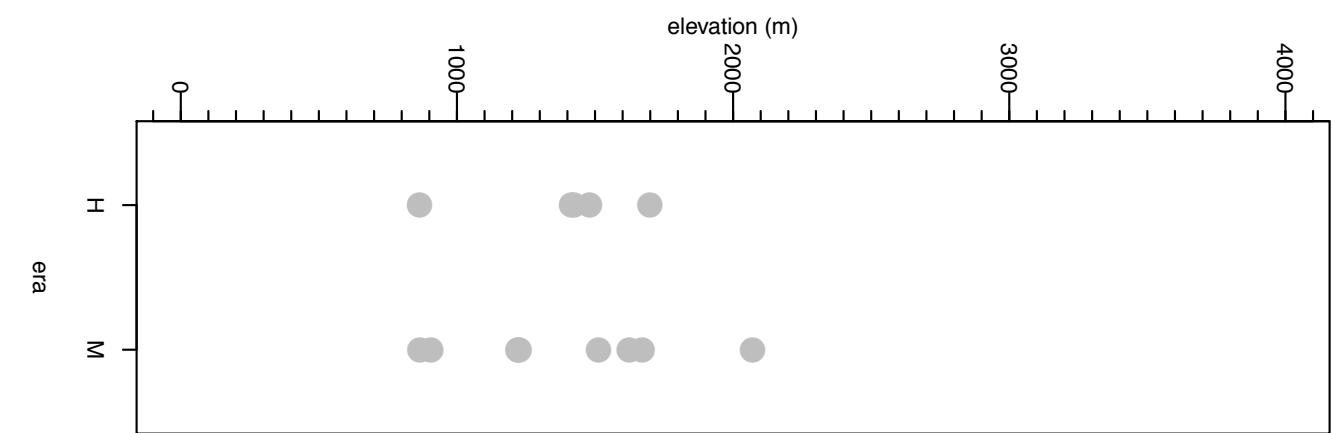
Lassen – East Slope



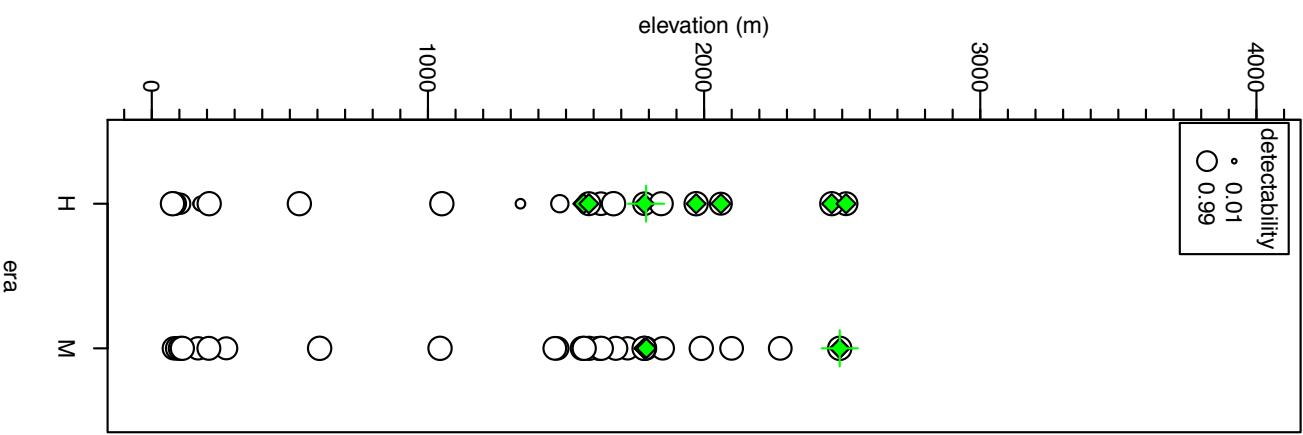
Yosemite – East Slope



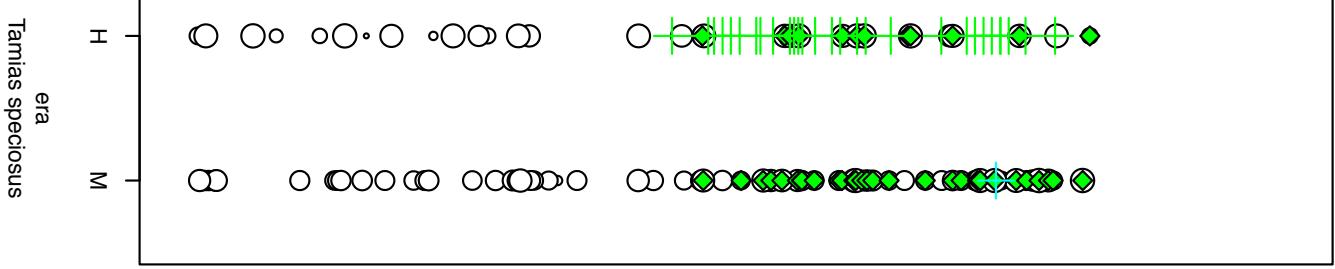
Sequoia – East Slope



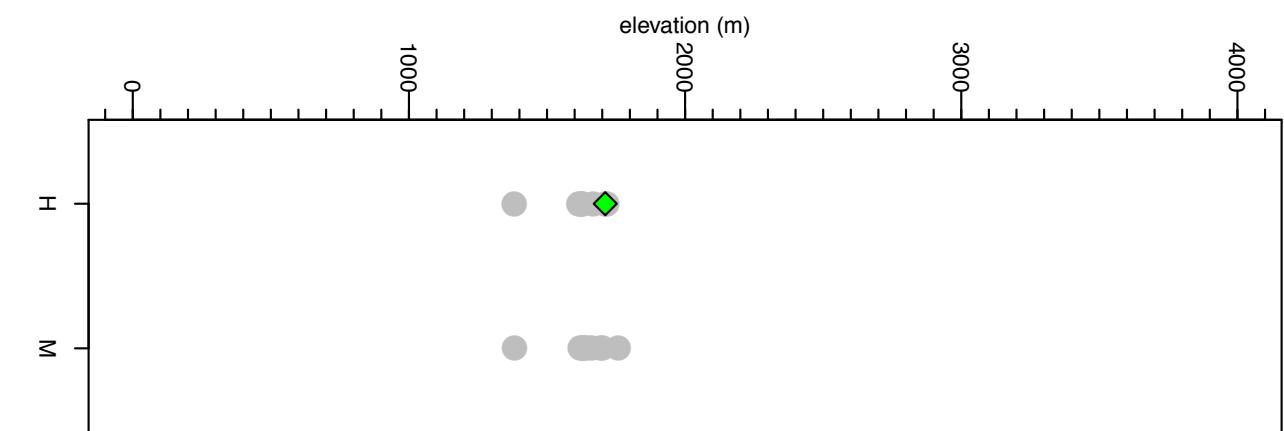
Lassen – West Slope



Yosemite – West Slope



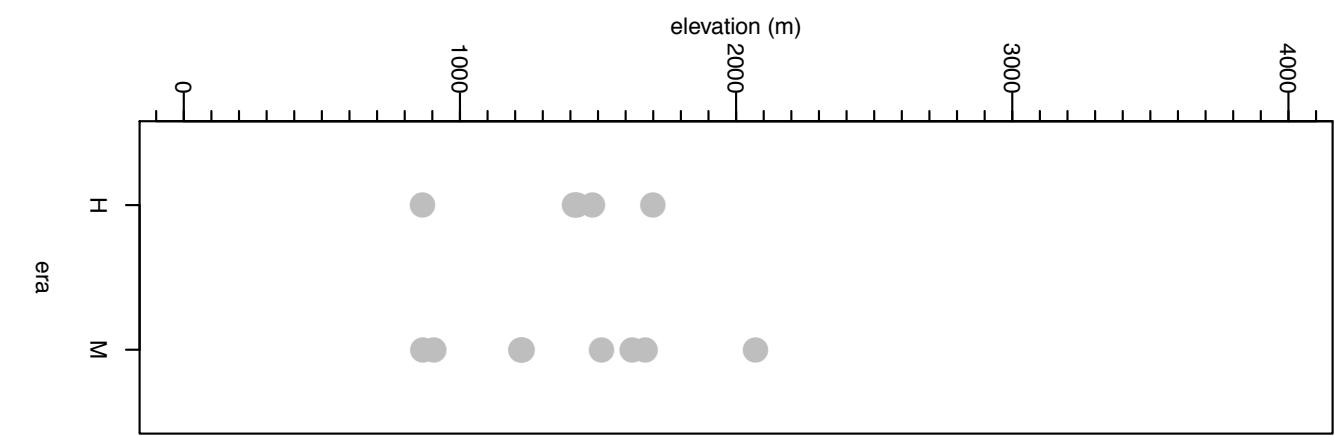
Lassen – East Slope



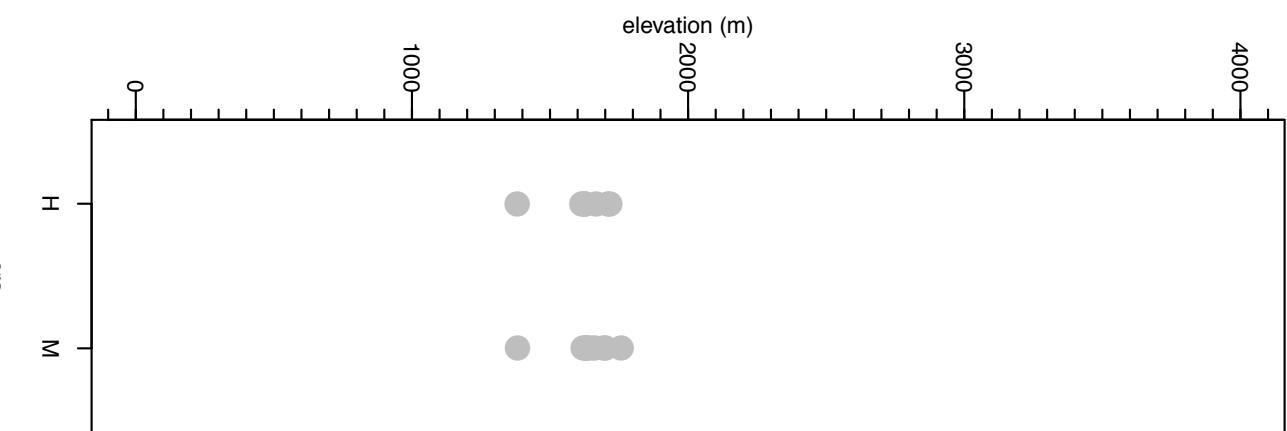
Yosemite – East Slope



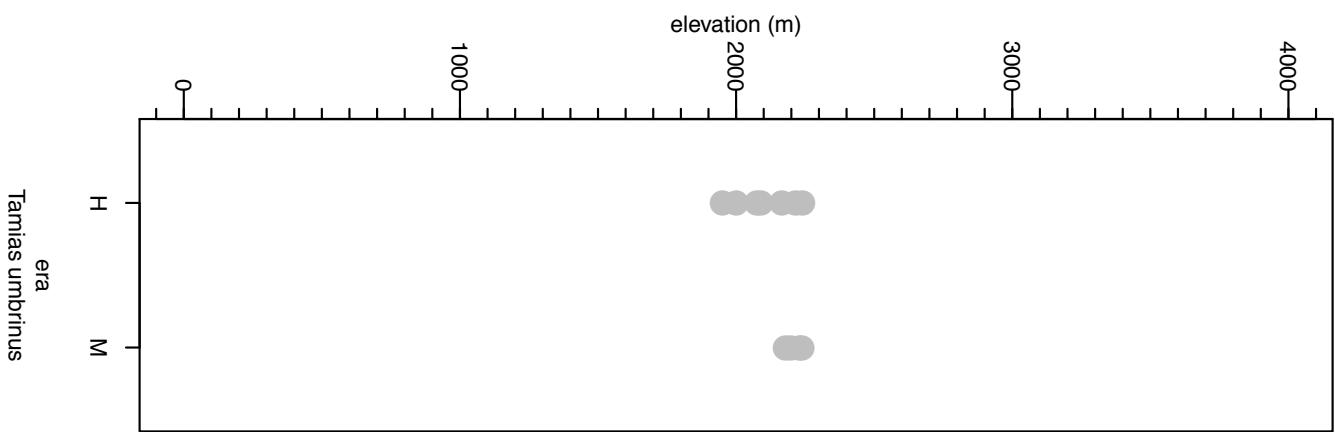
Sequoia – East Slope



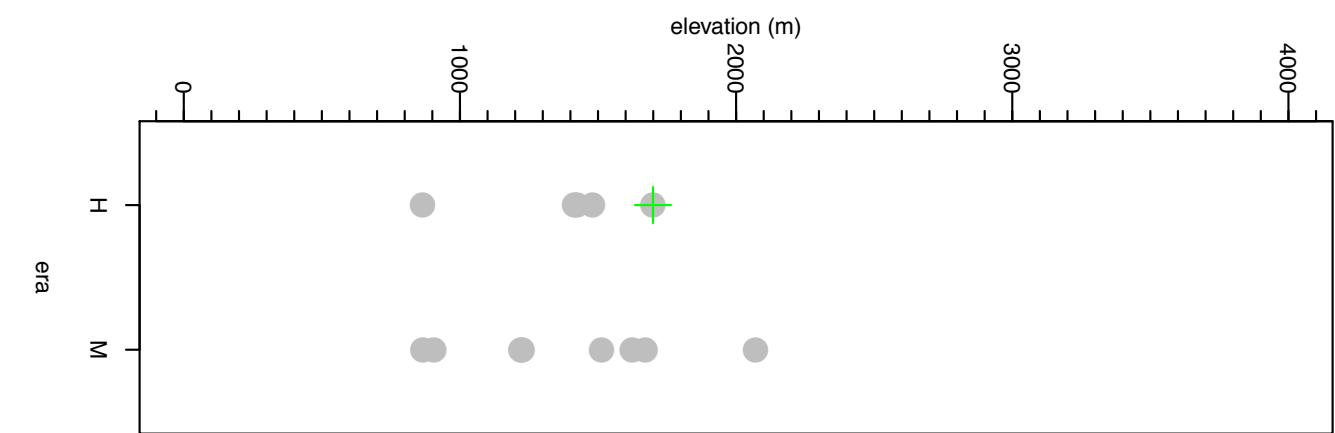
Lassen – East Slope



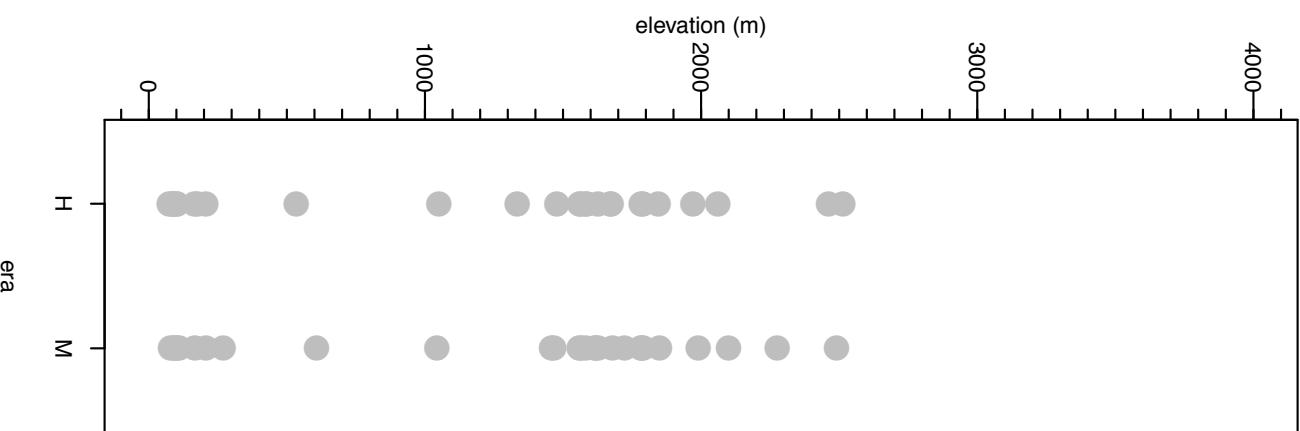
Yosemite – East Slope



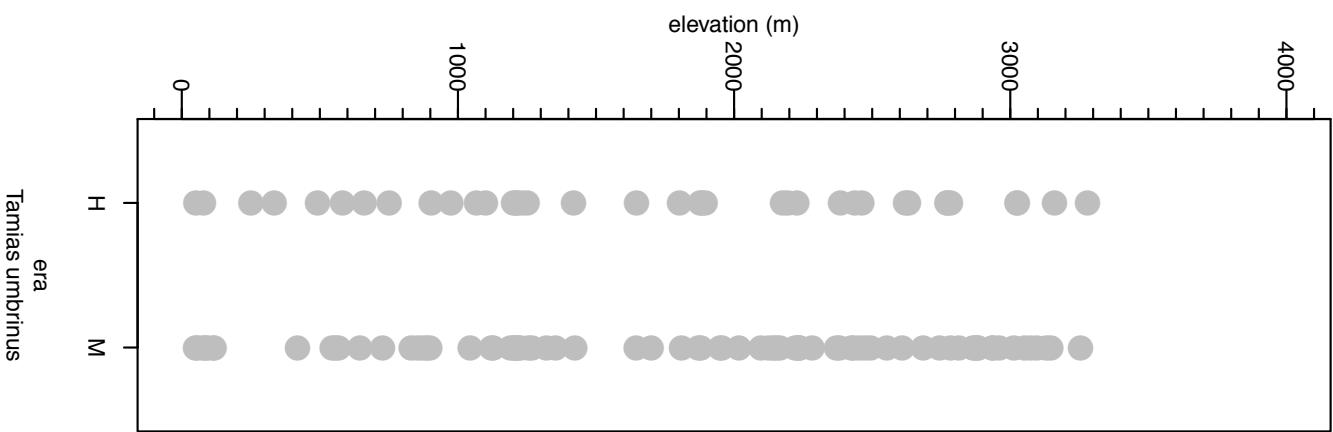
Sequoia – East Slope



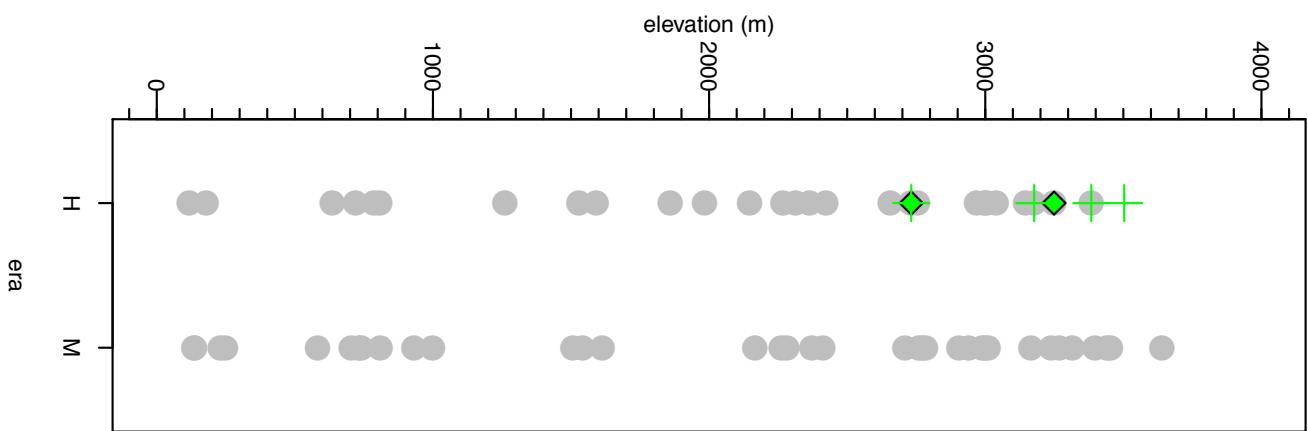
Lassen – West Slope



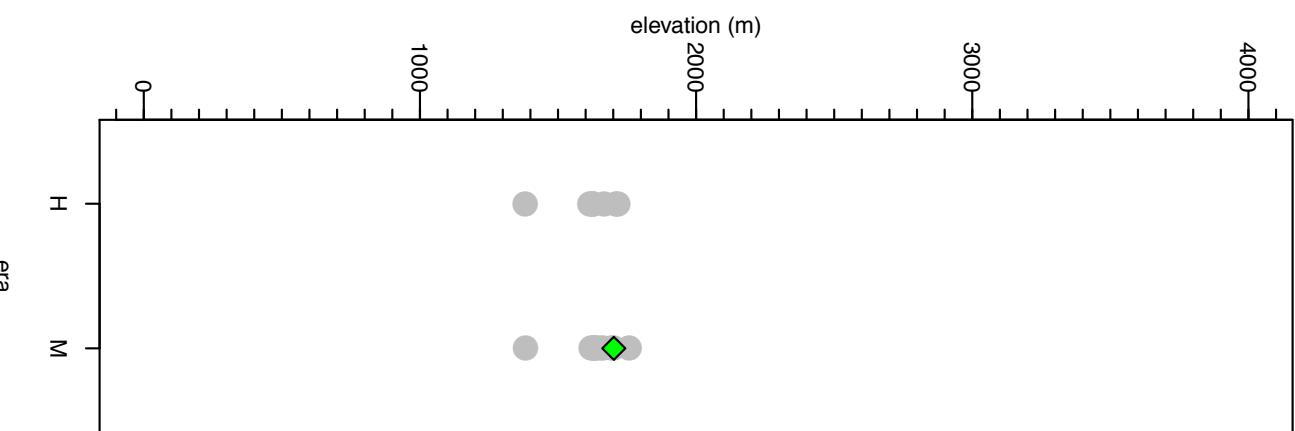
Yosemite – West Slope



Sequoia – West Slope



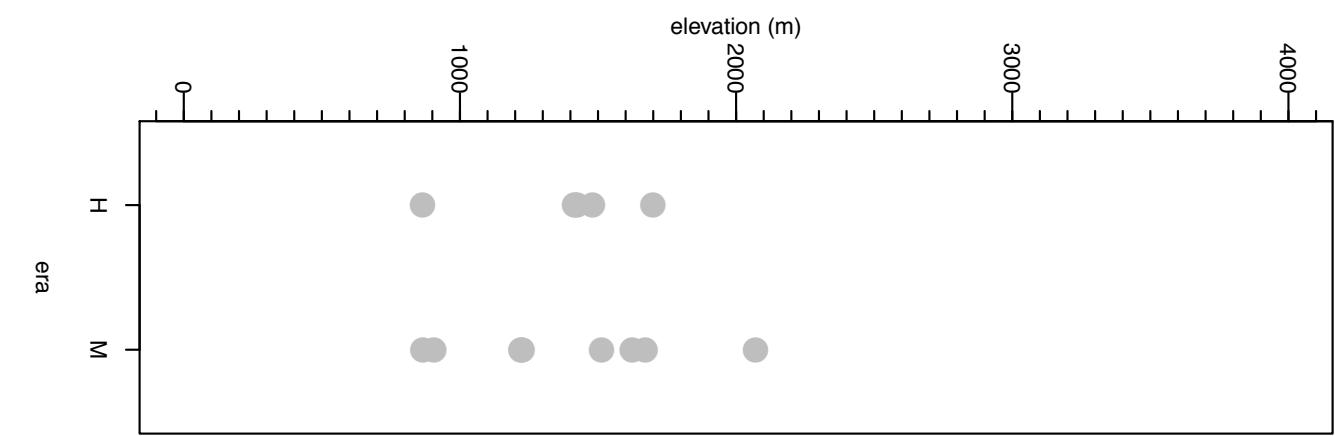
Lassen – East Slope



Yosemite – East Slope

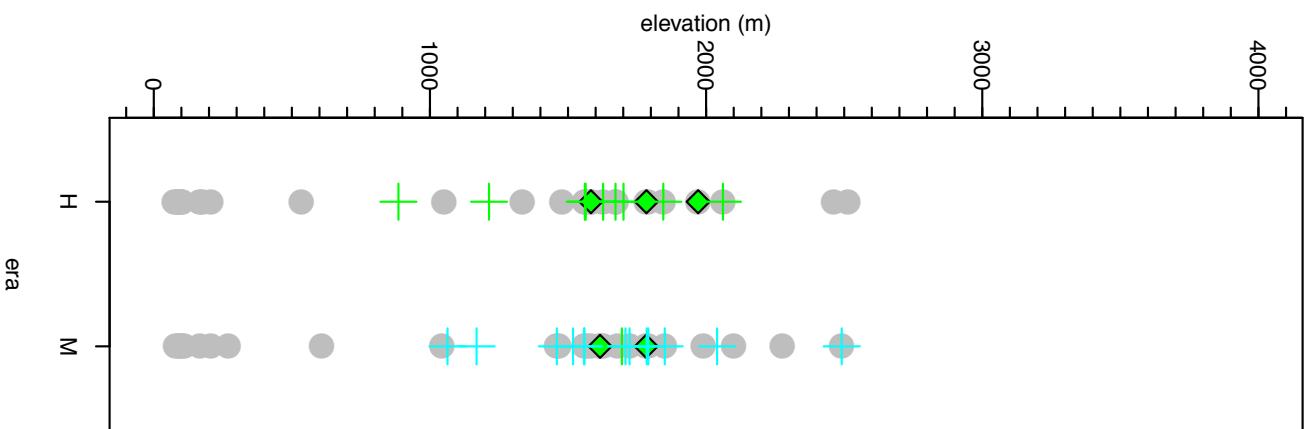


Sequoia – East Slope

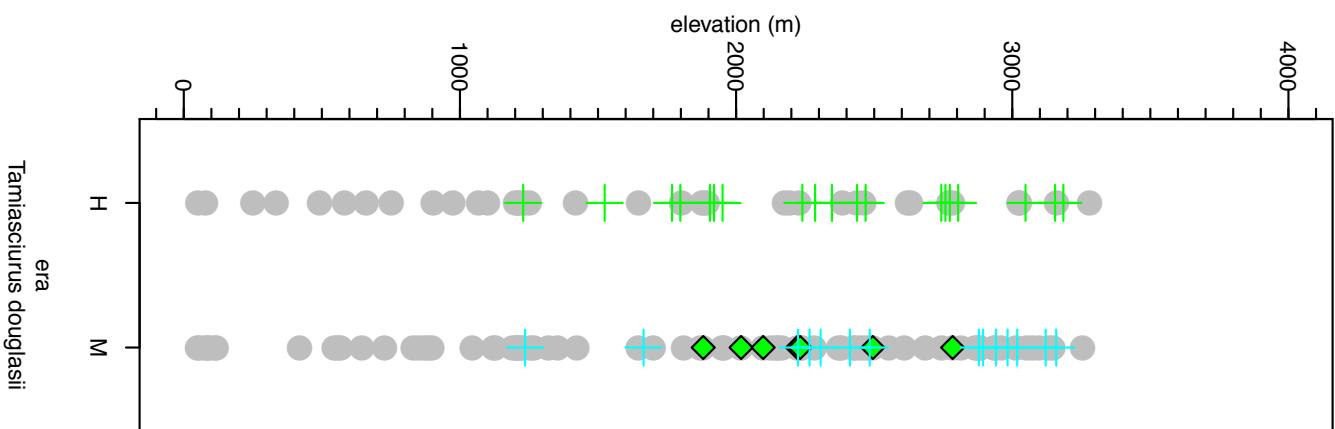


Tamiasciurus douglasii

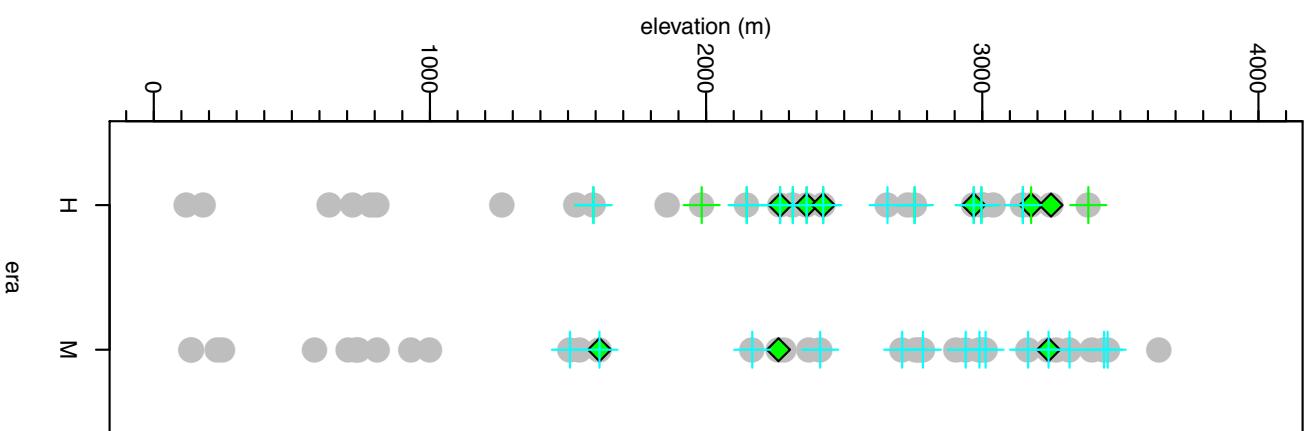
Lassen – West Slope



Yosemite – West Slope

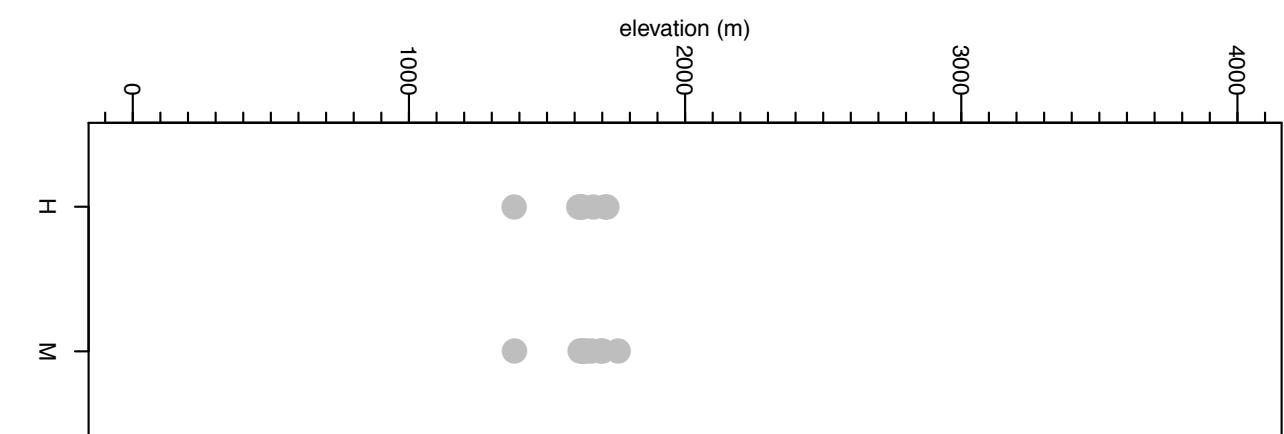


Sequoia – West Slope



Tamiasciurus douglasii

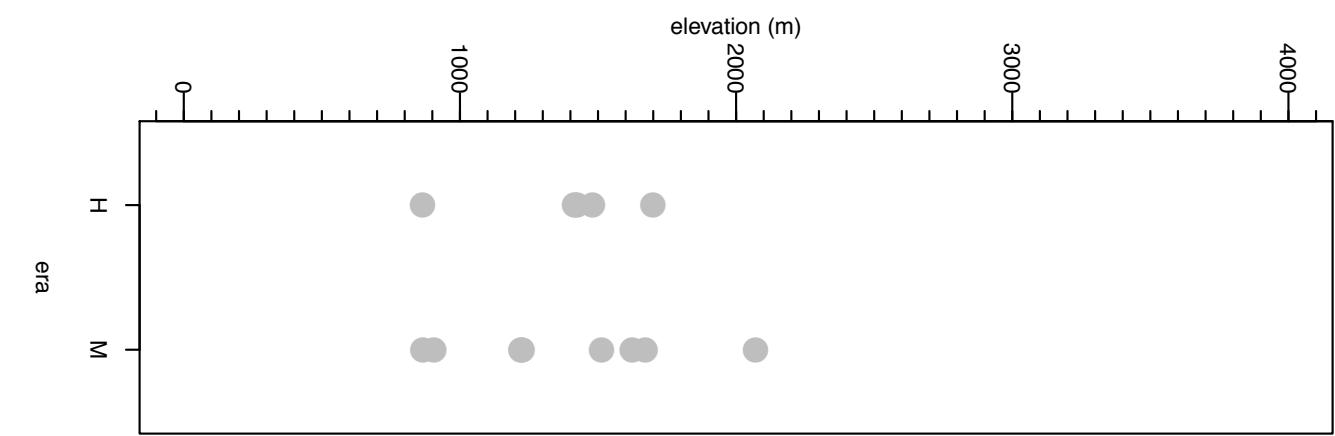
Lassen – East Slope



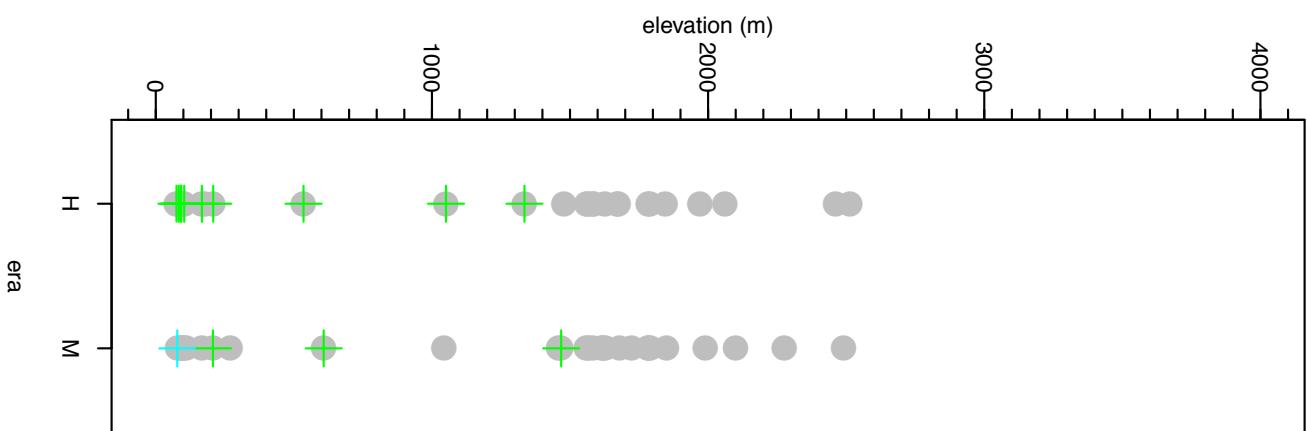
Yosemite – East Slope



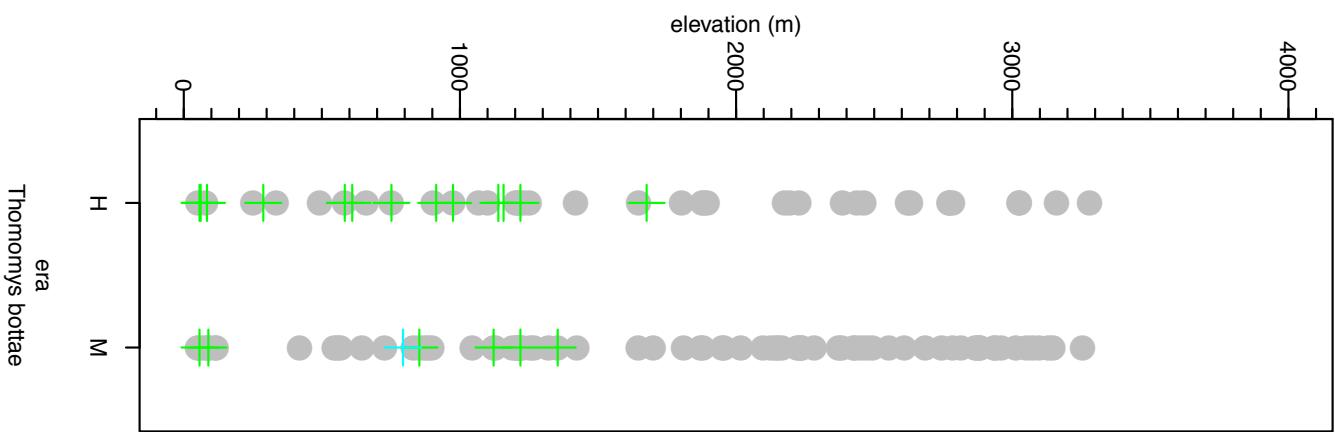
Sequoia – East Slope



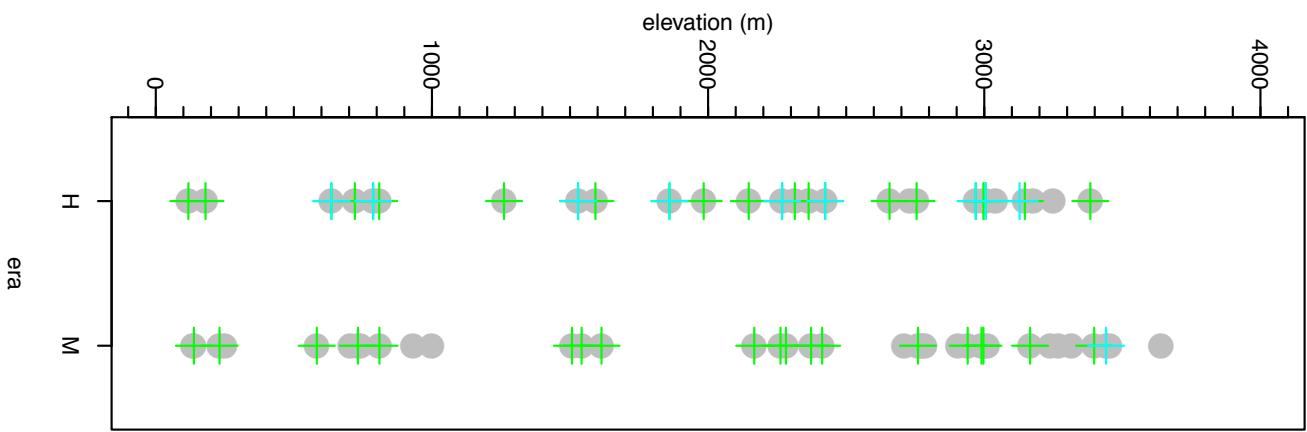
Lassen – West Slope



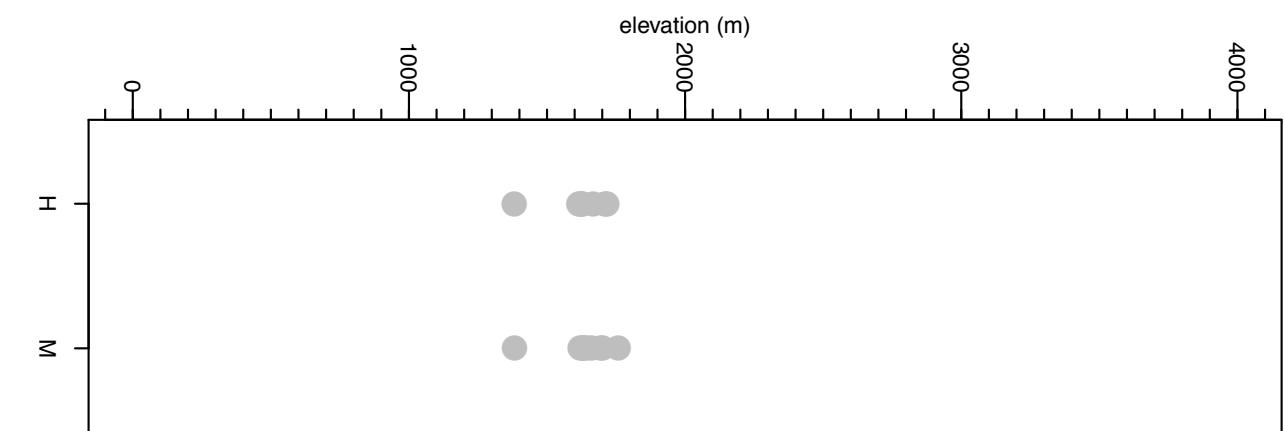
Yosemite – West Slope



Sequoia – West Slope



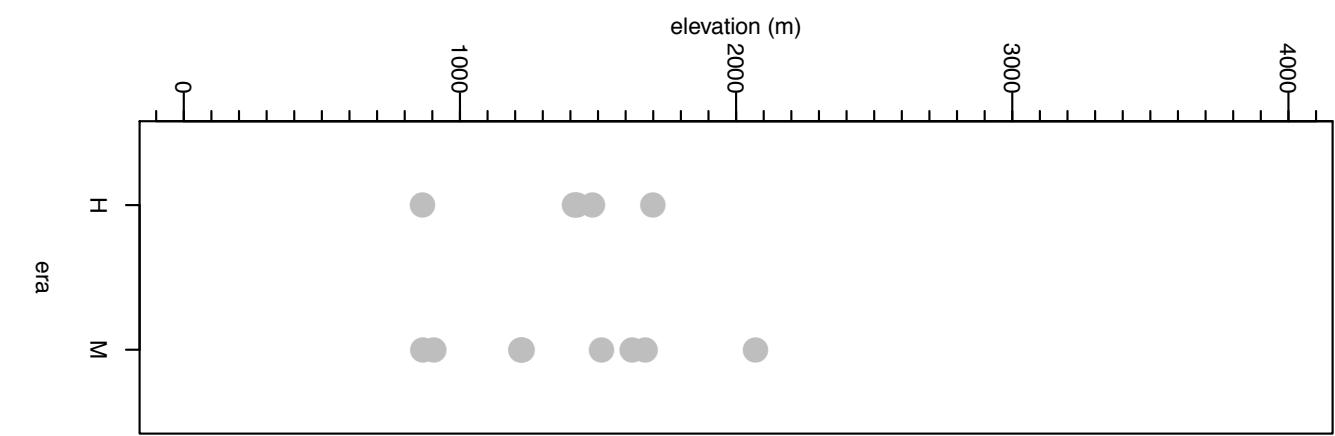
Lassen – East Slope



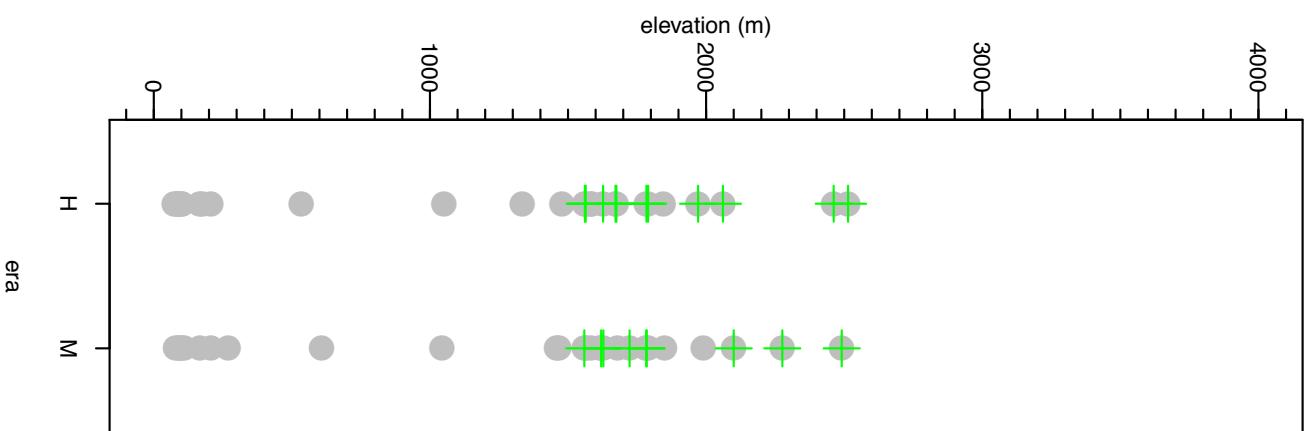
Yosemite – East Slope



Sequoia – East Slope



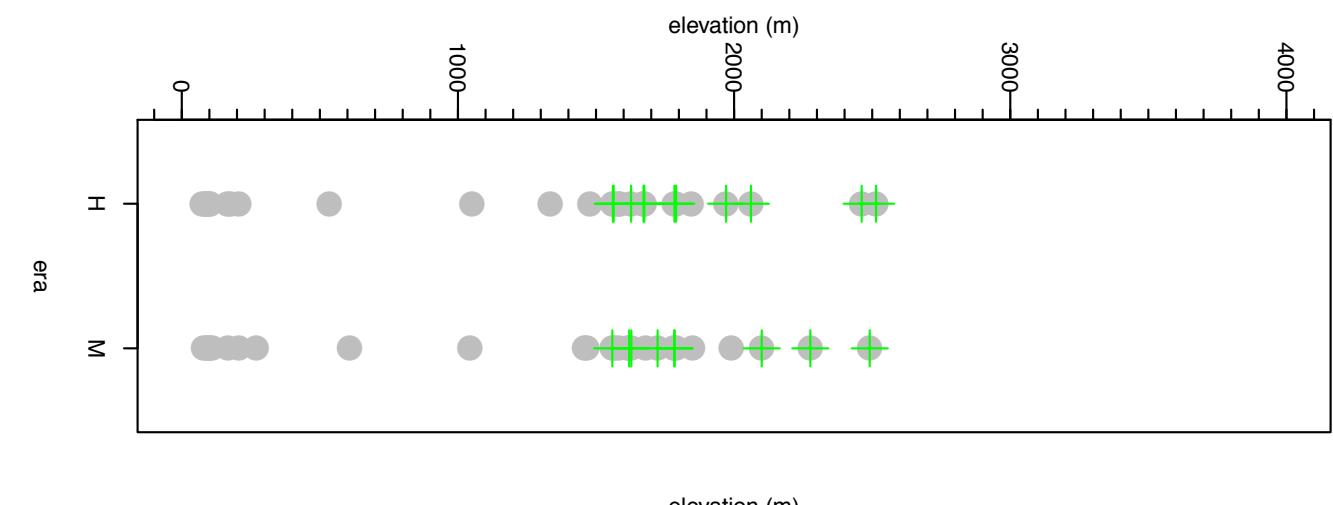
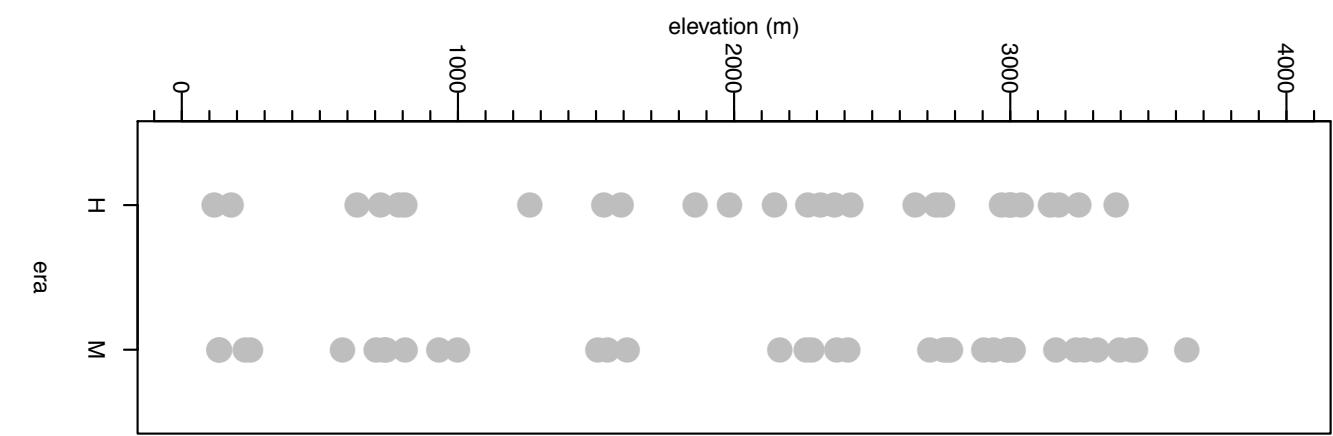
Lassen – West Slope



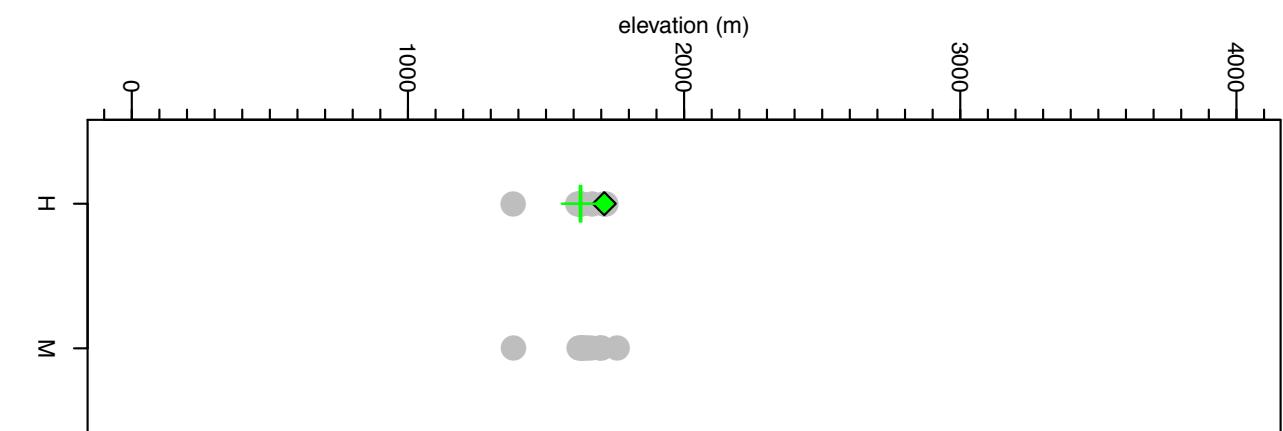
Yosemite – West Slope



Sequoia – West Slope



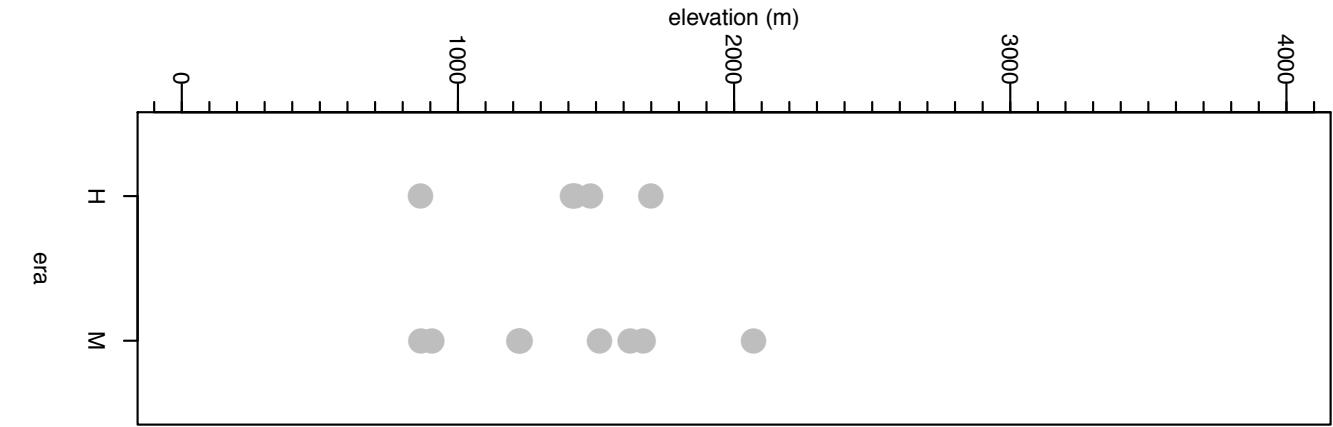
Lassen – East Slope



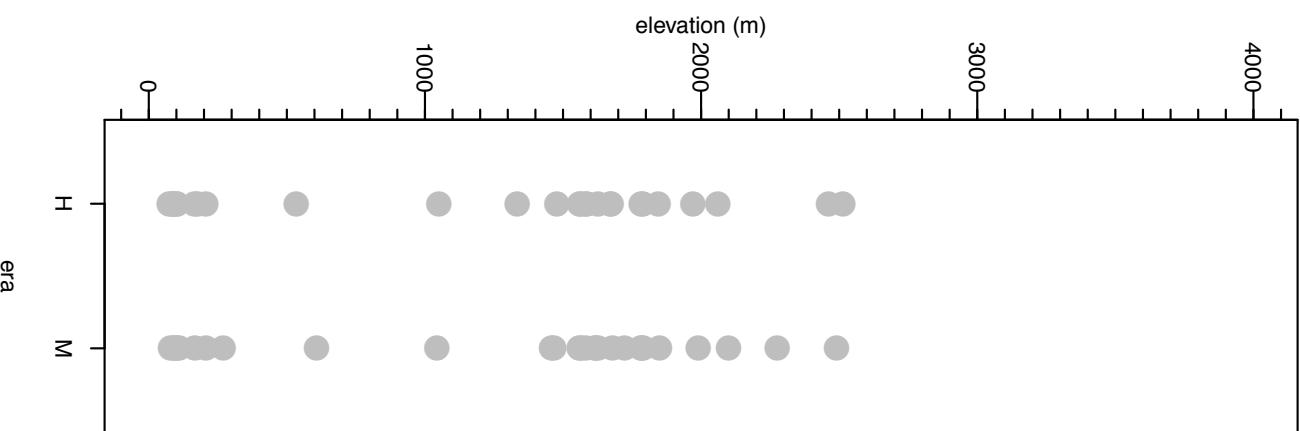
Yosemite – East Slope



Sequoia – East Slope



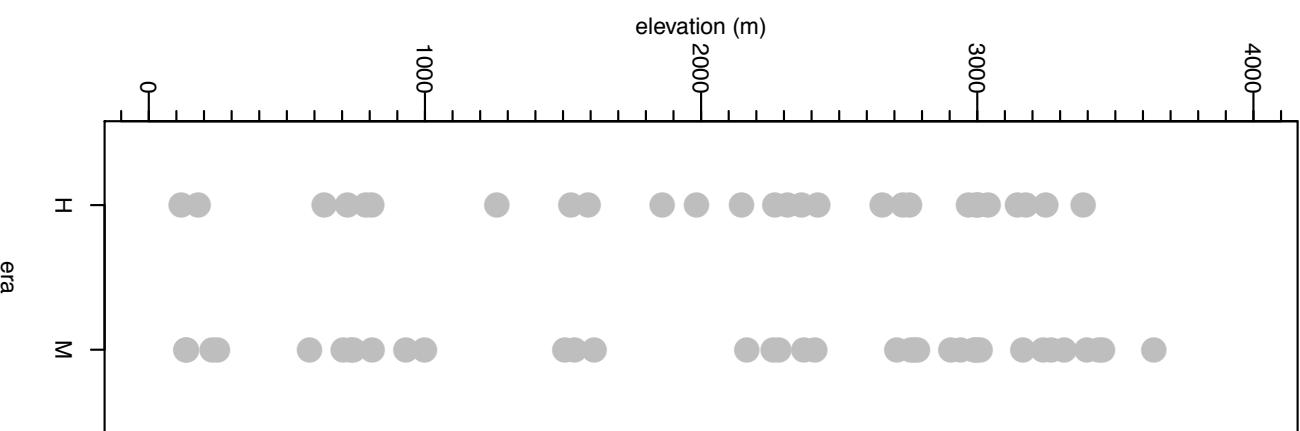
Lassen – West Slope



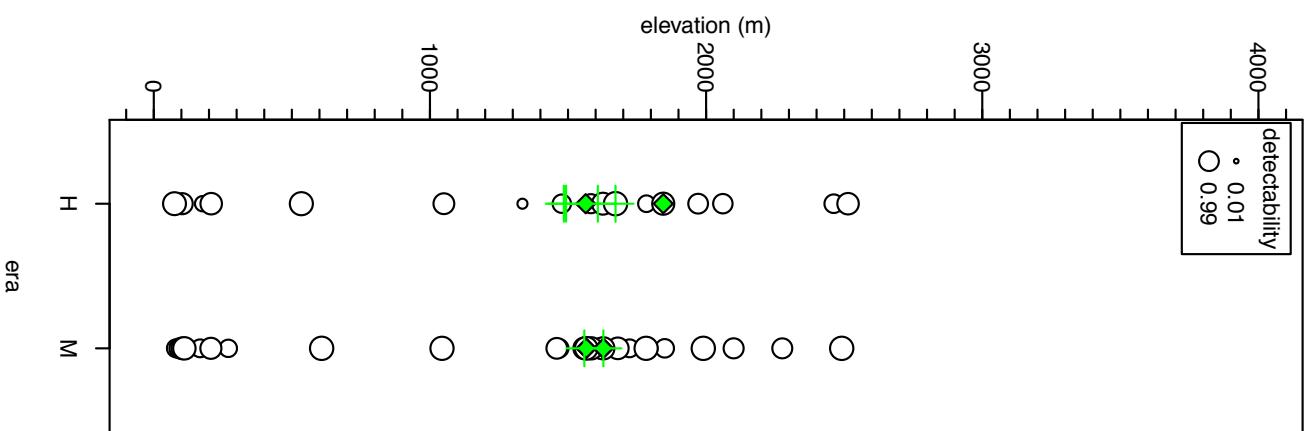
Yosemite – West Slope



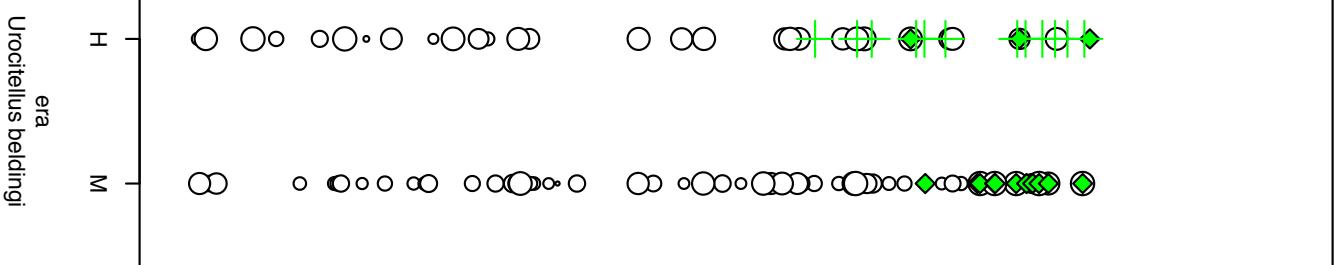
Sequoia – West Slope



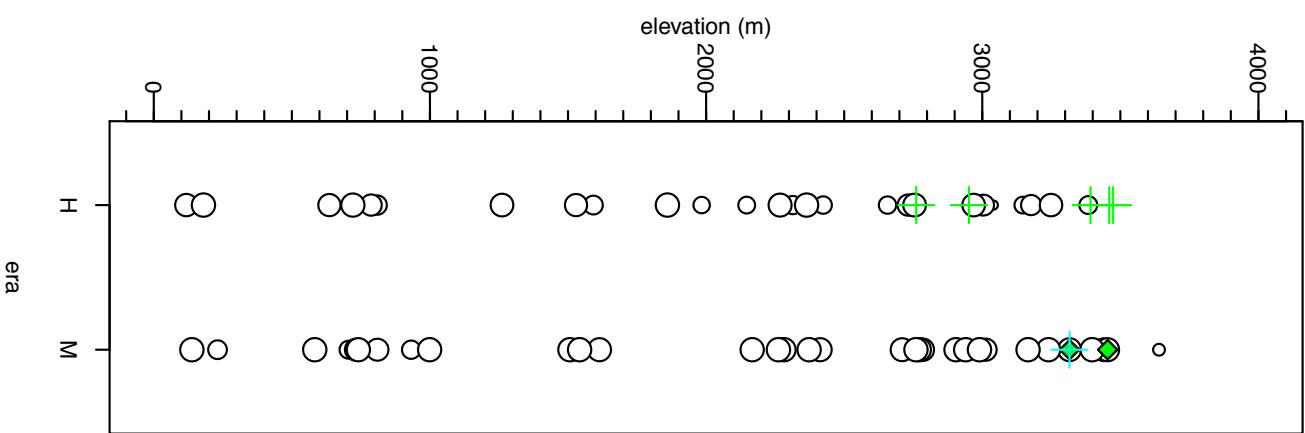
Lassen – West Slope



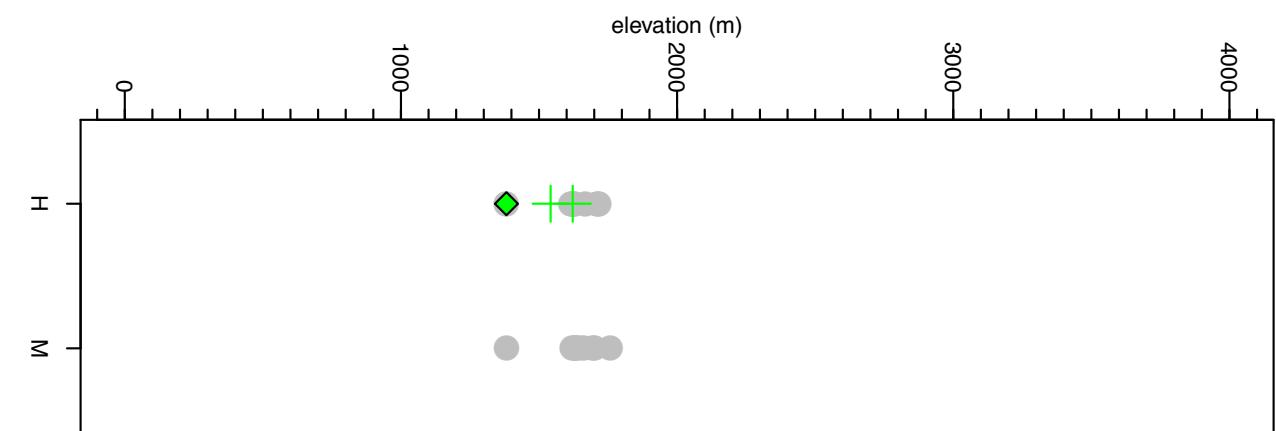
Yosemite – West Slope



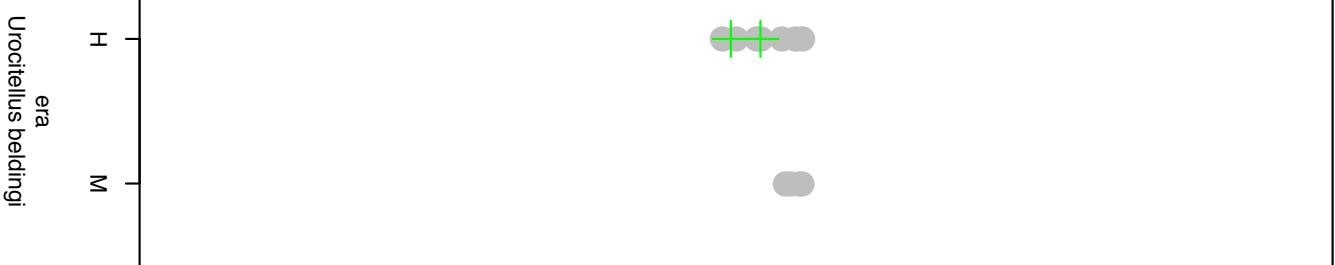
Sequoia – West Slope



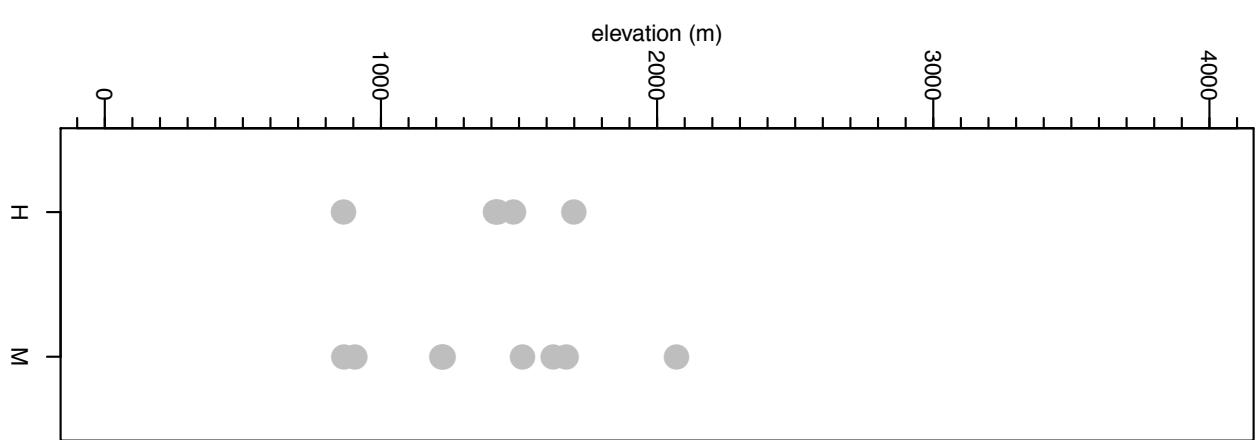
Lassen – East Slope



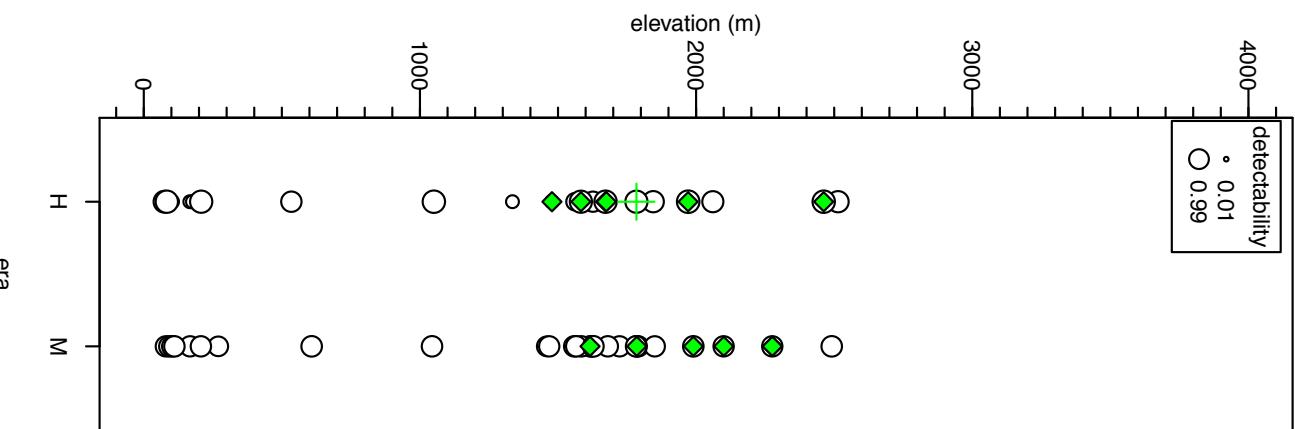
Yosemite – East Slope



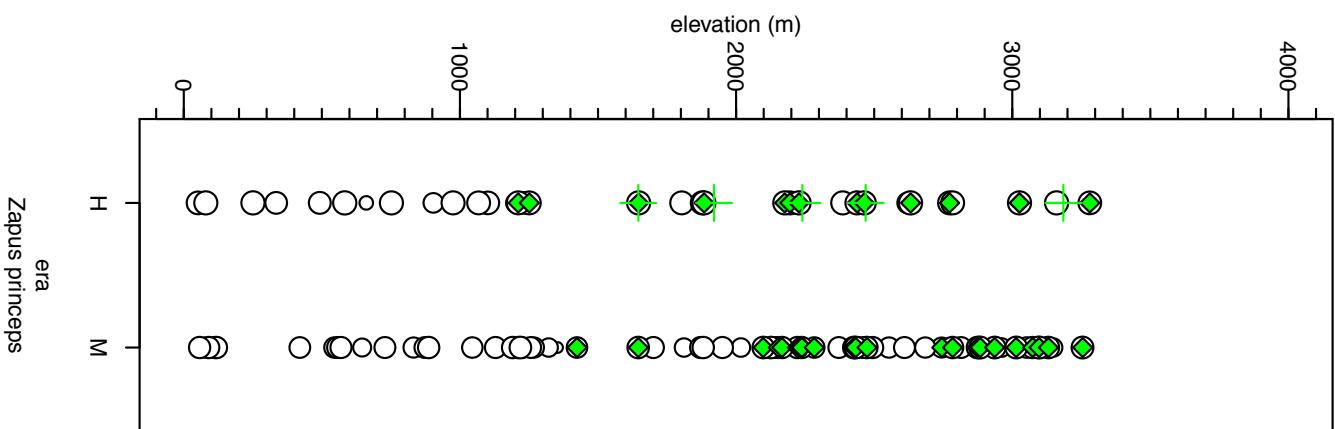
Sequoia – East Slope



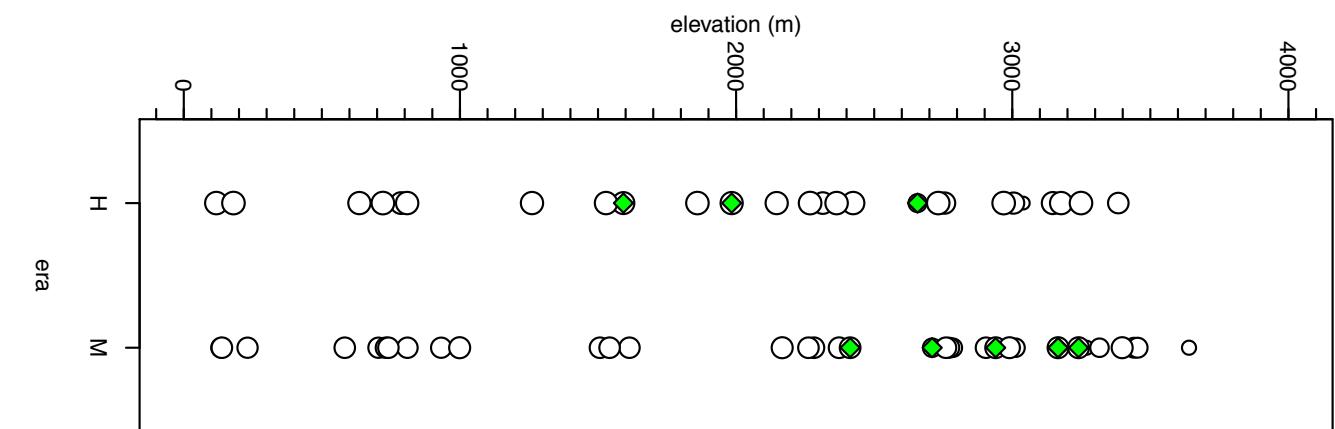
Lassen – West Slope



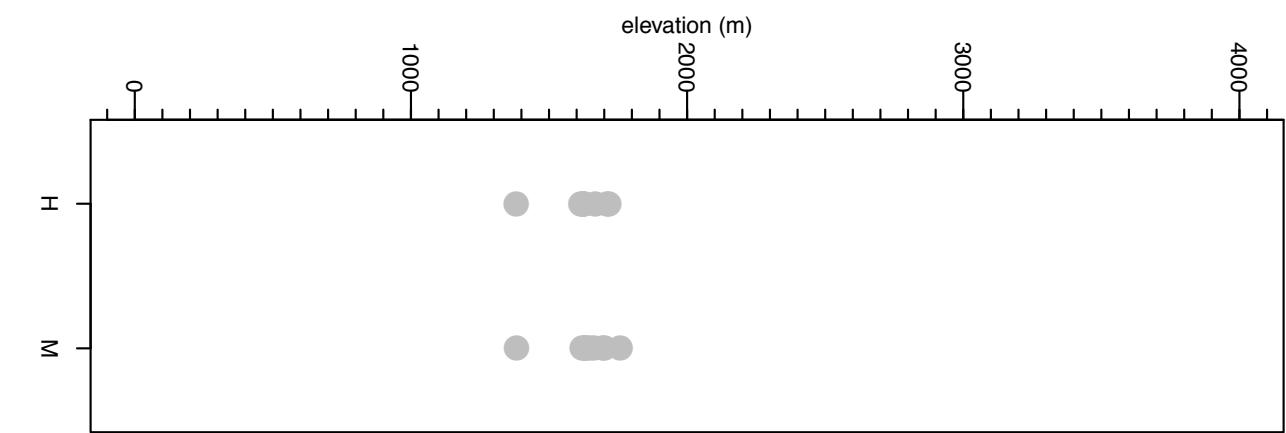
Yosemite – West Slope



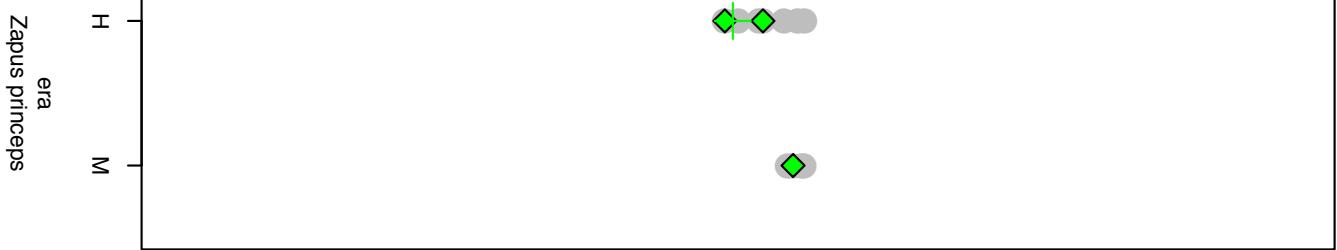
Sequoia – West Slope



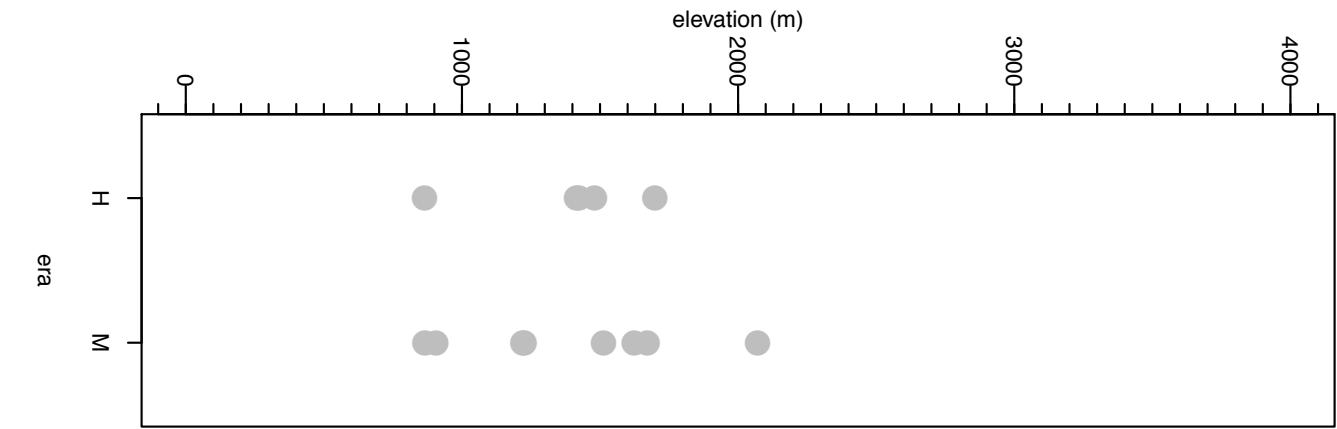
Lassen – East Slope



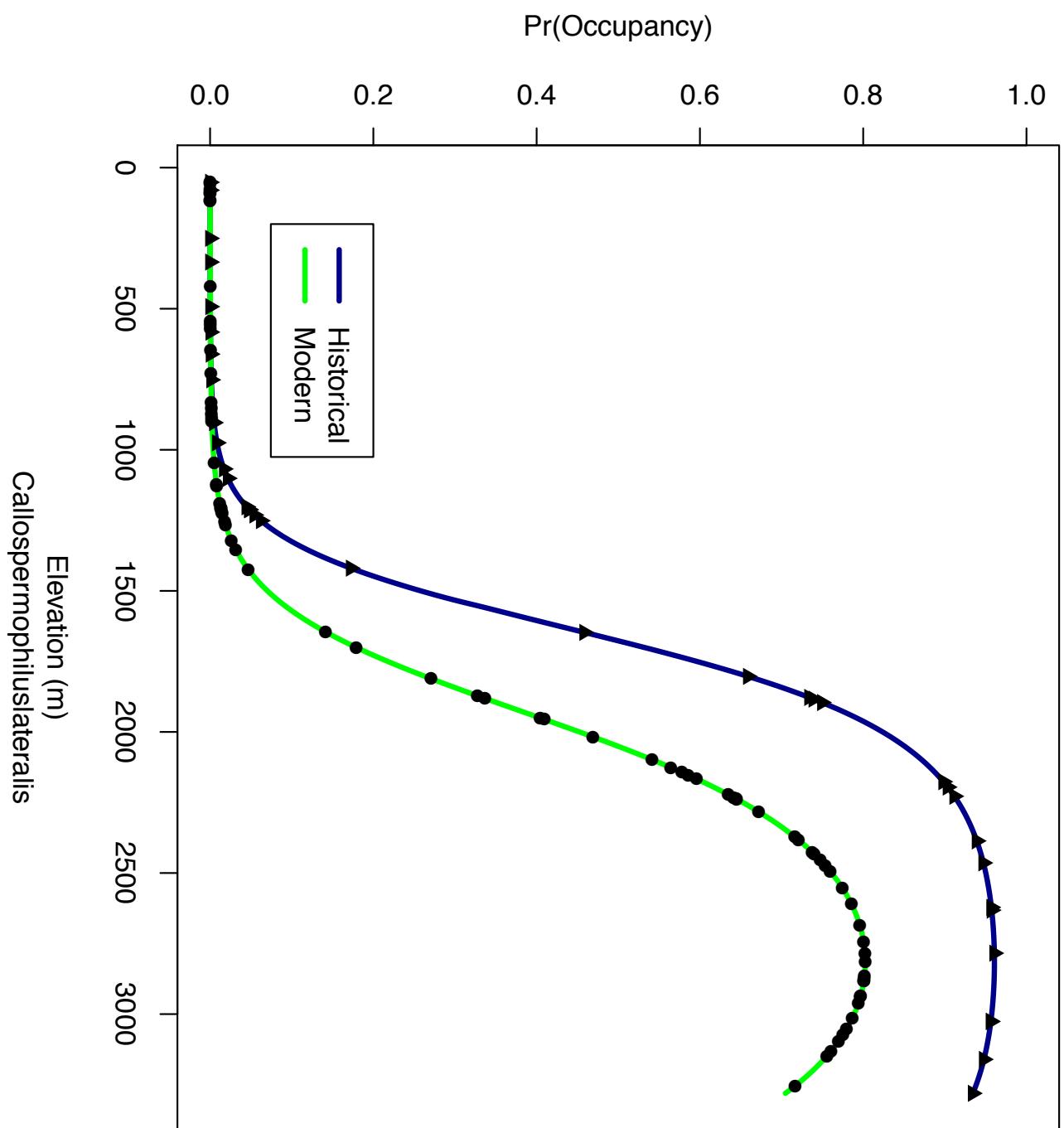
Yosemite – East Slope



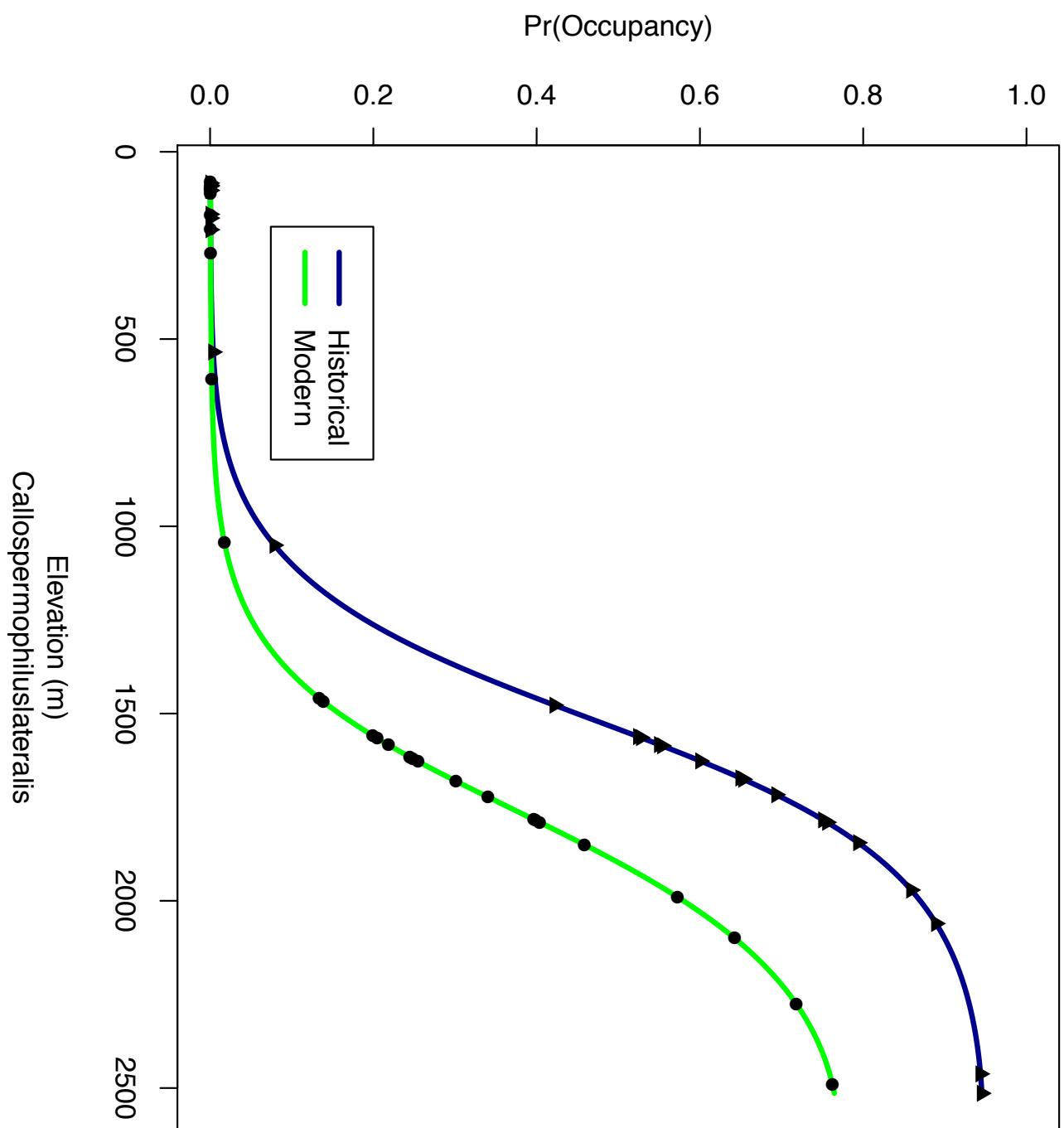
Sequoia – East Slope



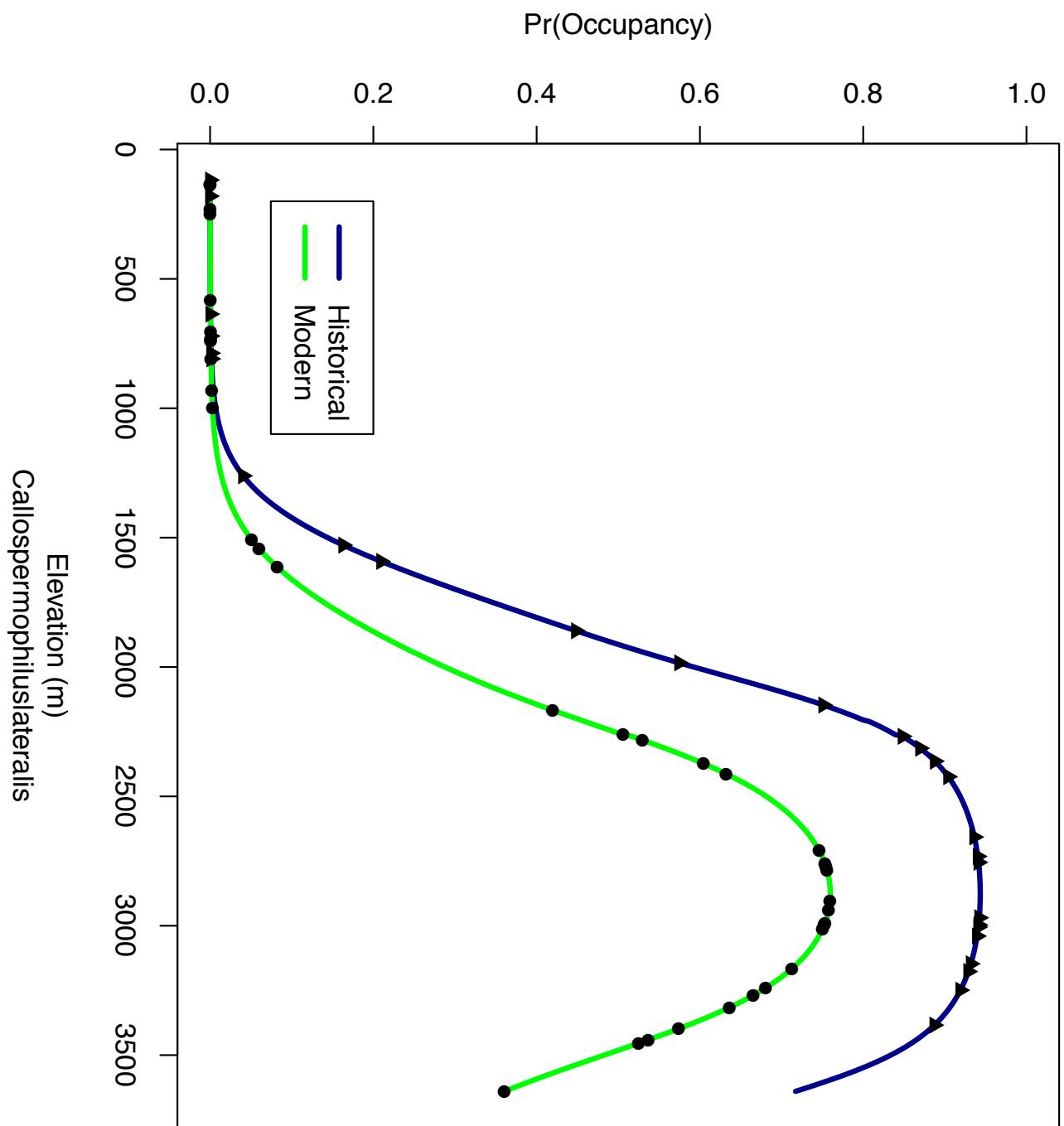
# Yosemite



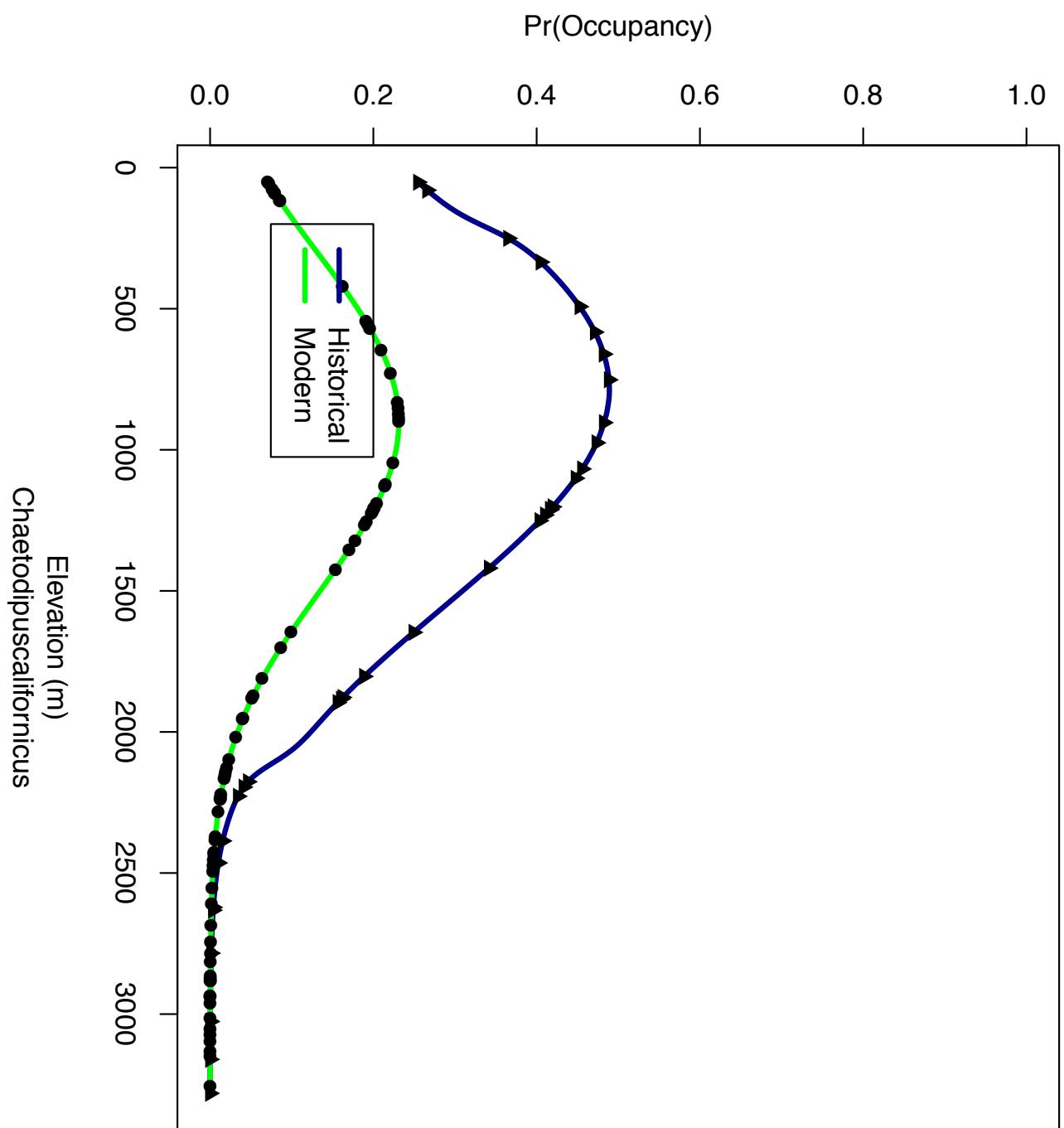
Lassen



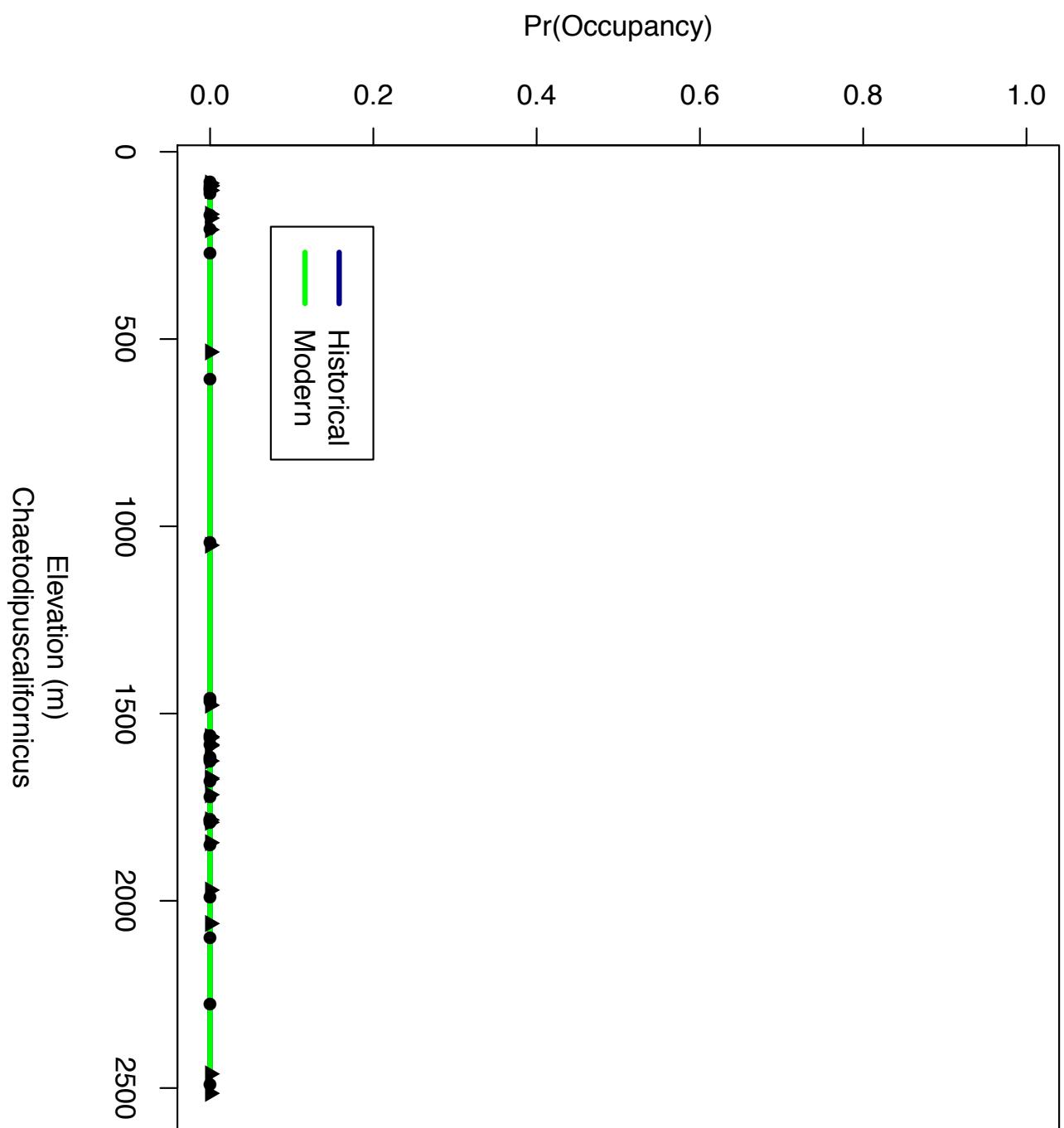
## Sequoia



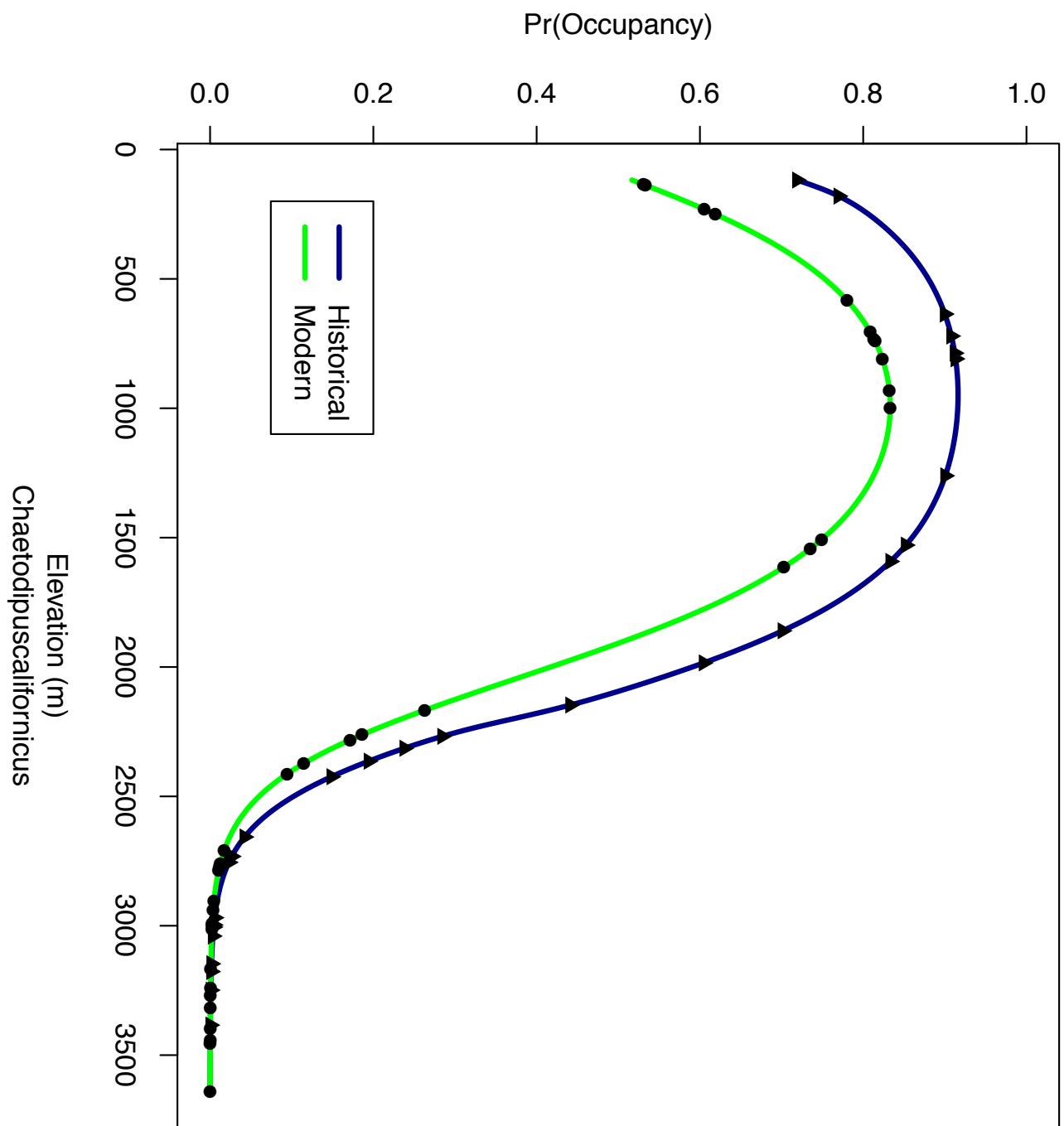
**Yosemite**



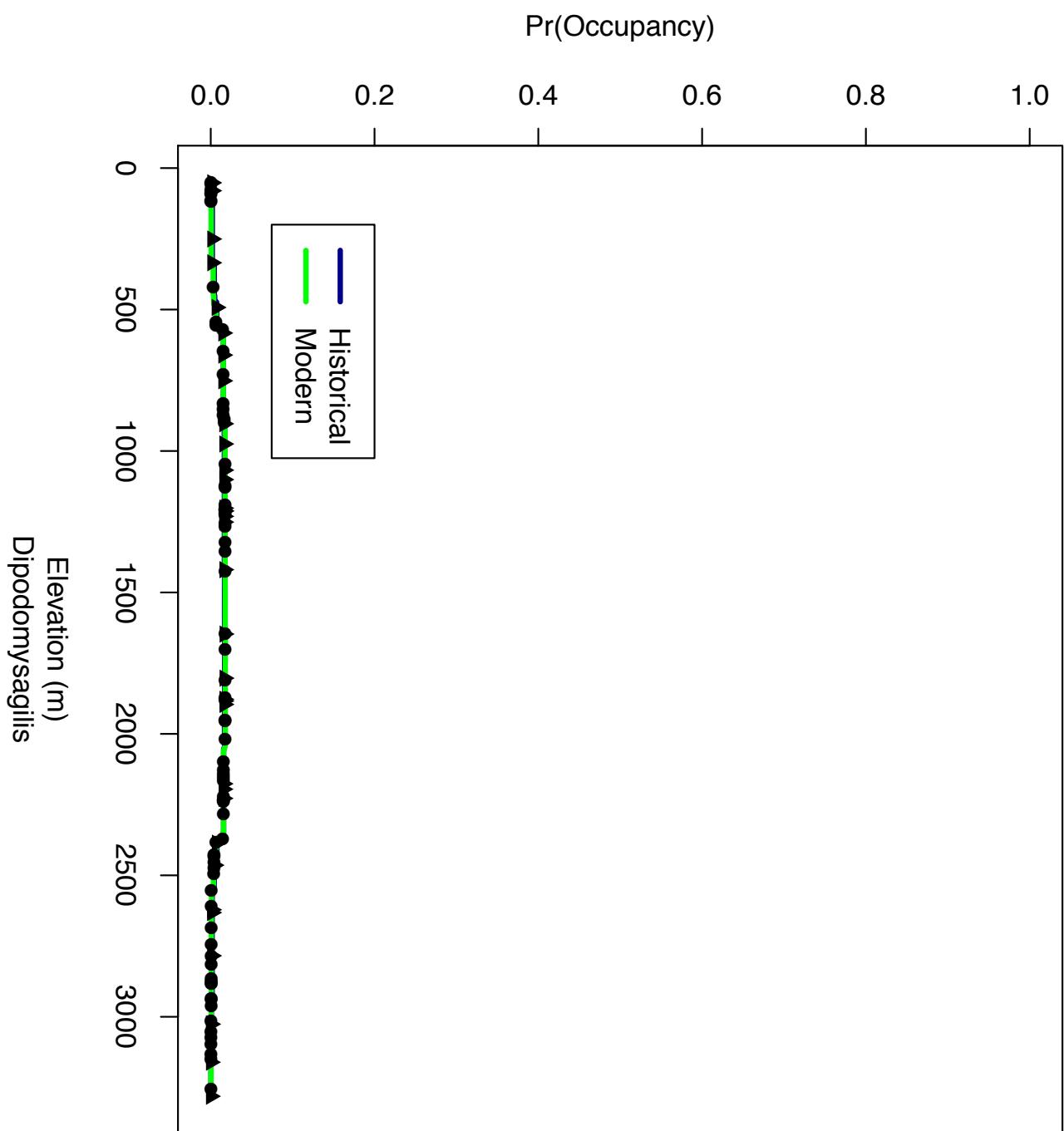
Lassen



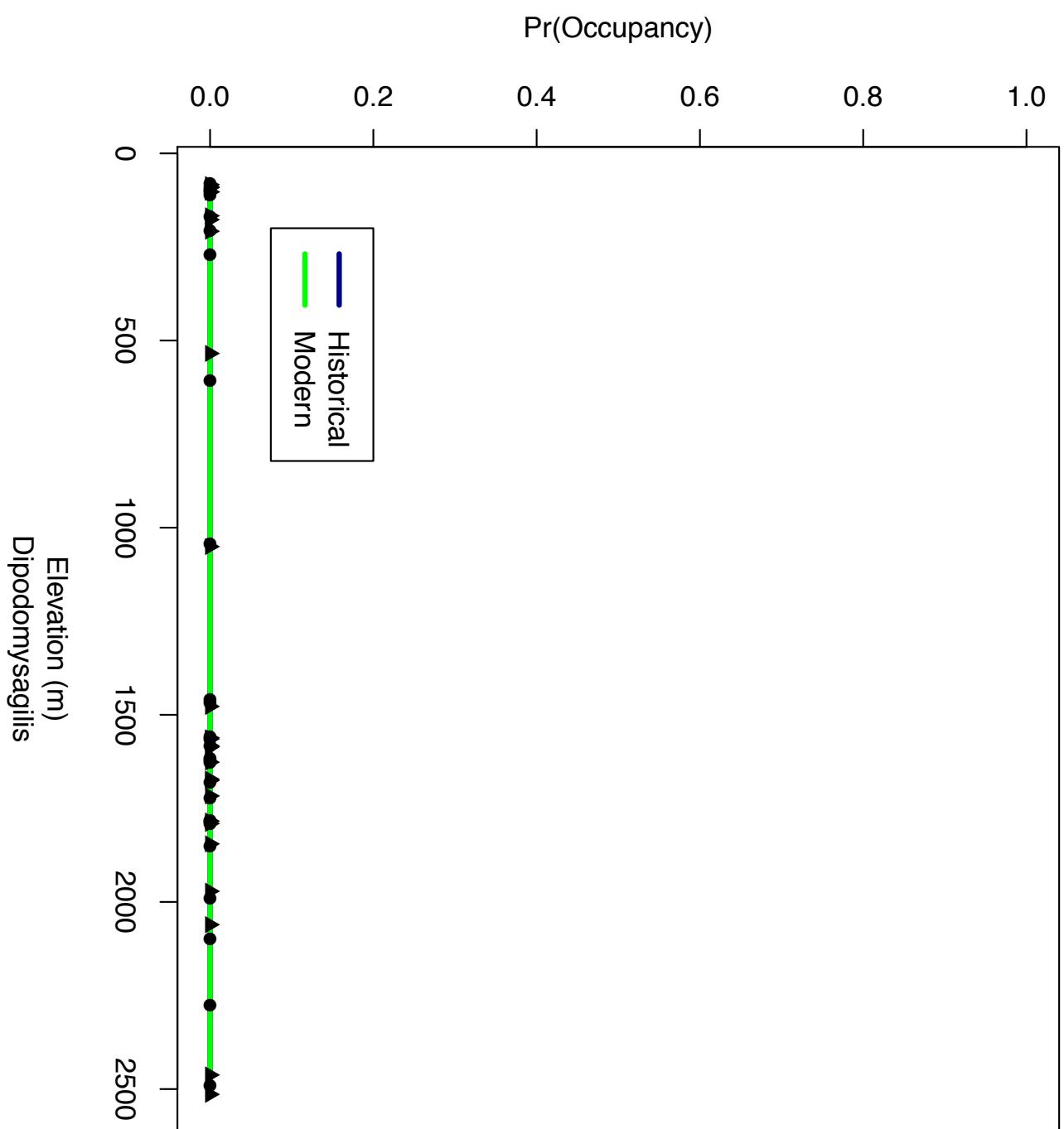
**Sequoia**

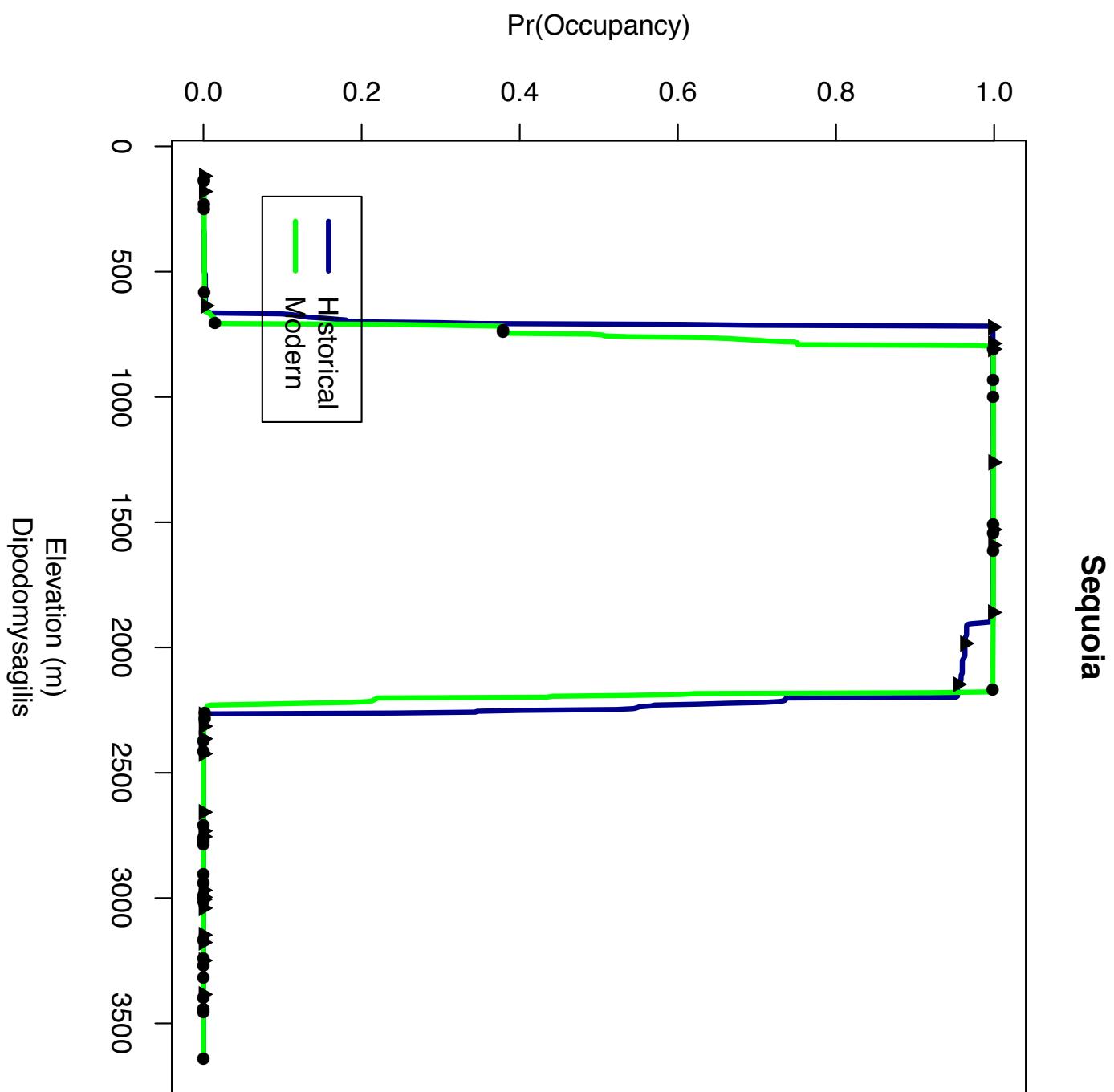


**Yosemite**

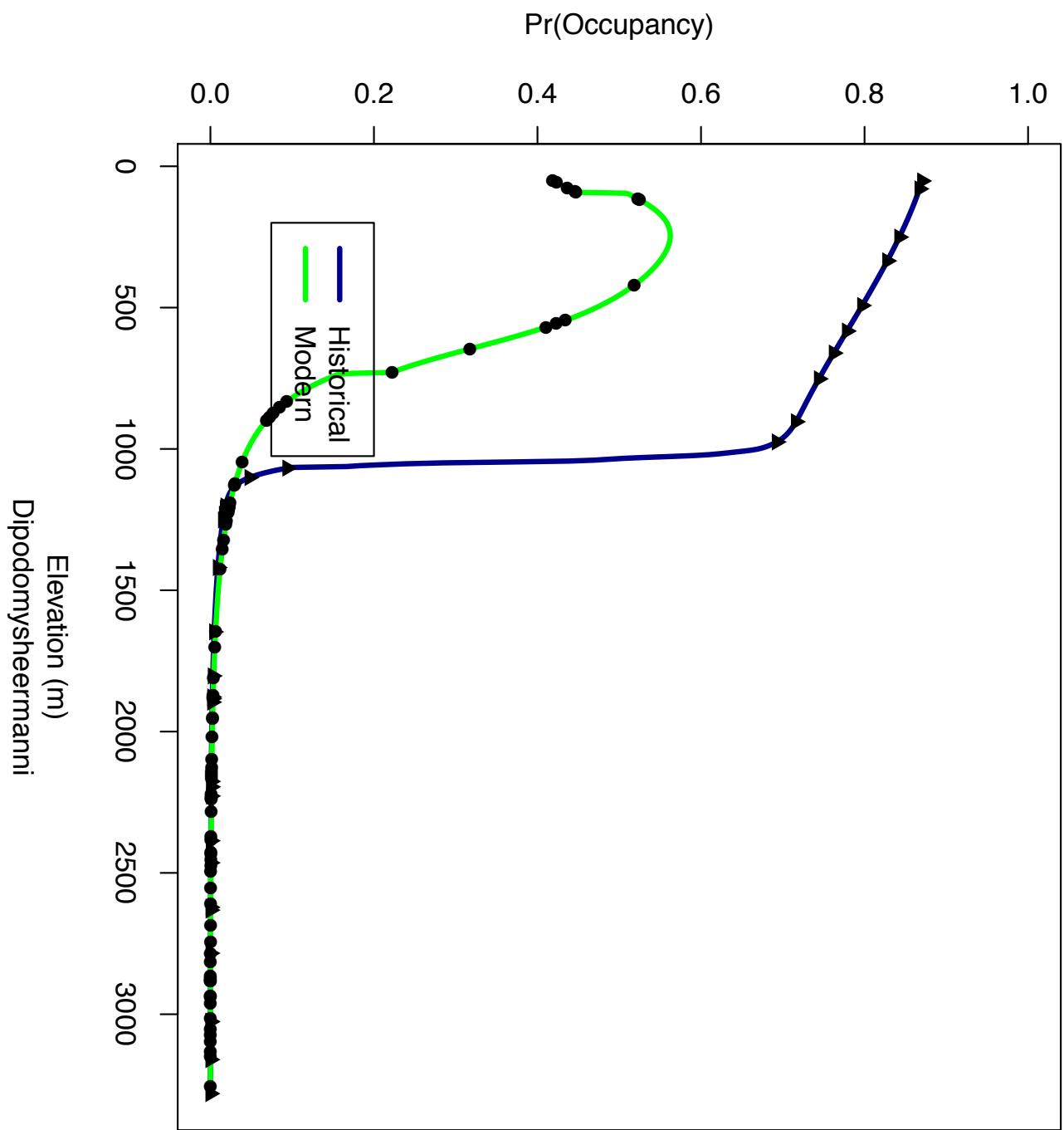


Lassen

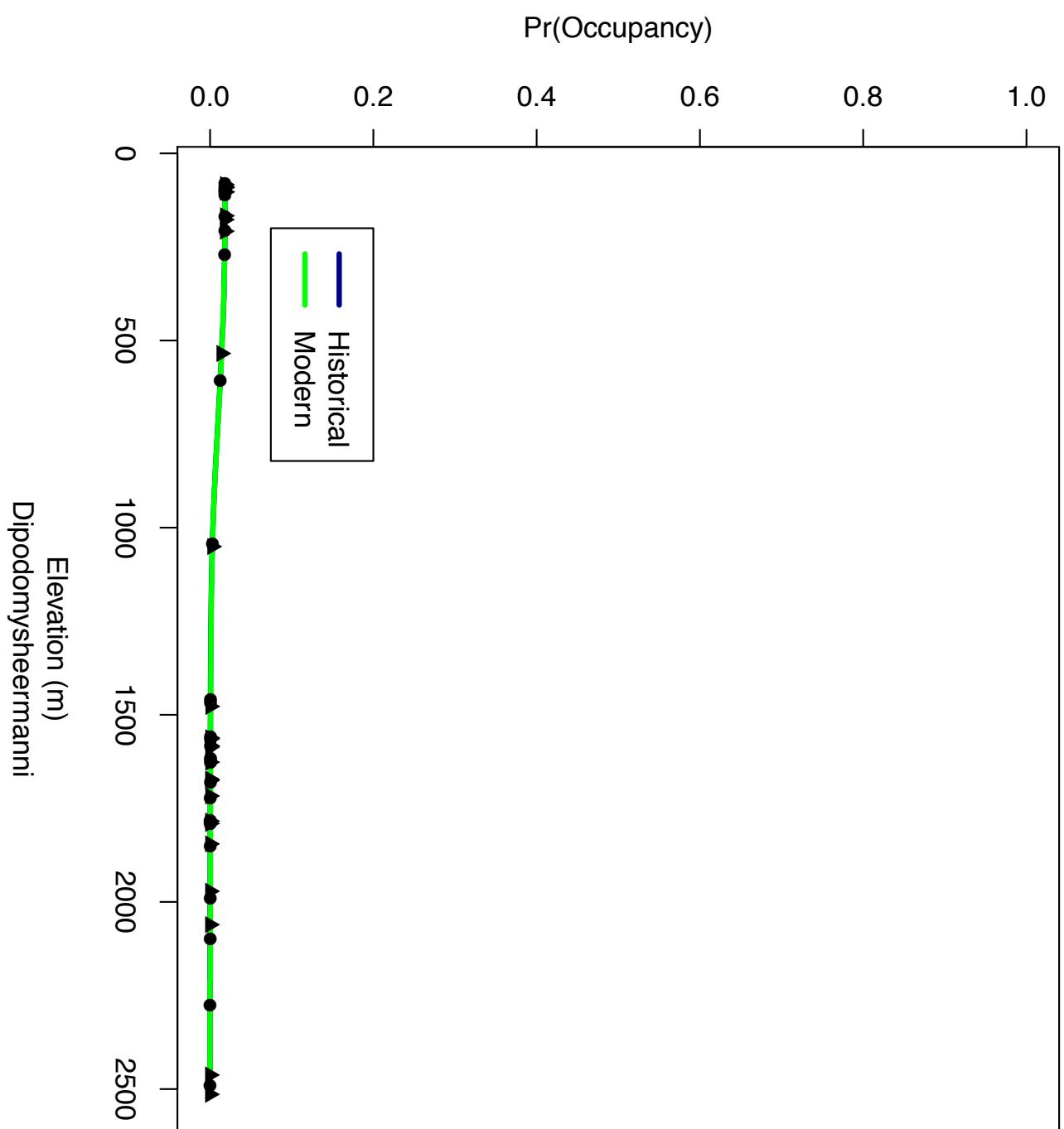


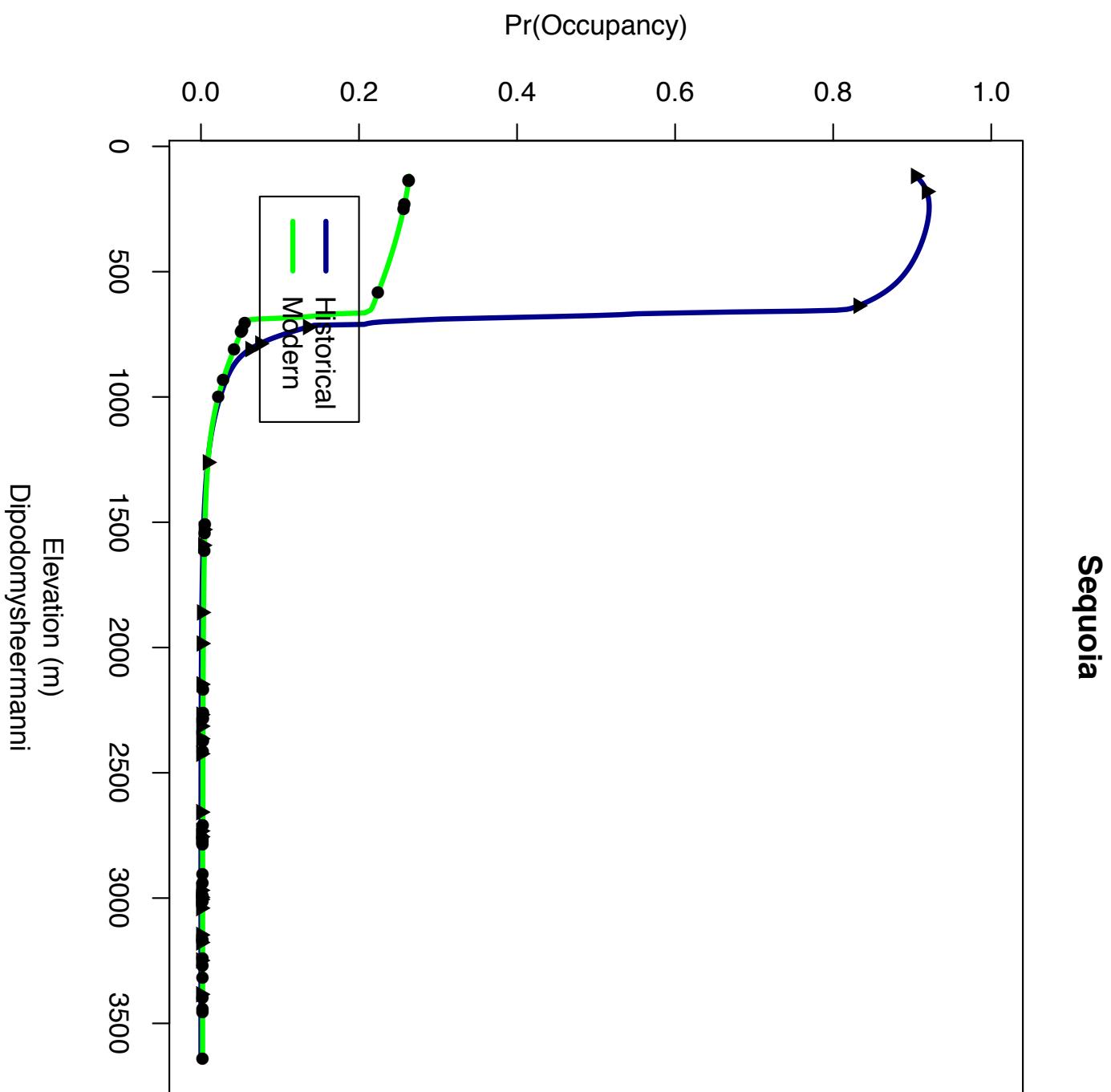


# Yosemite

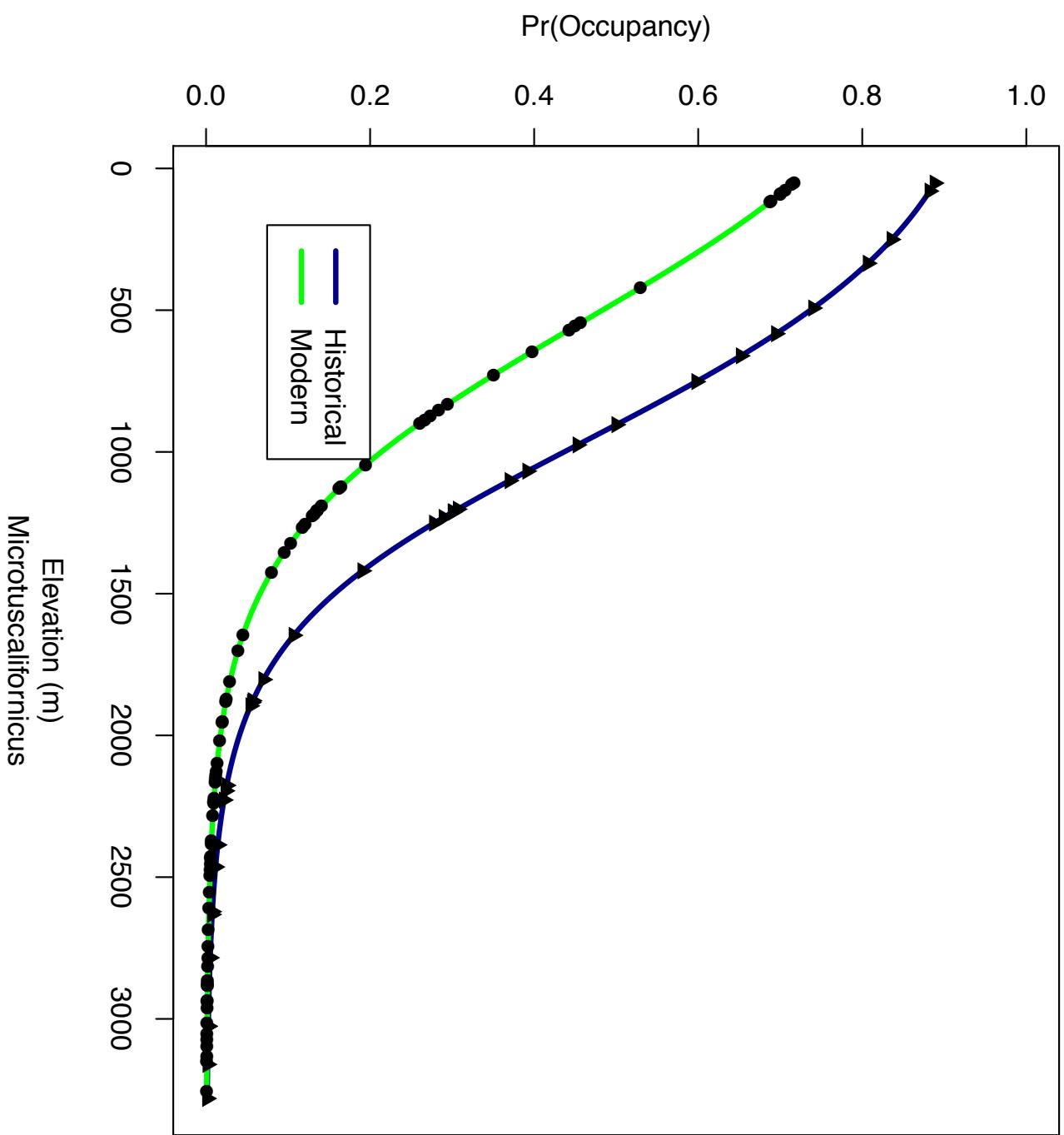


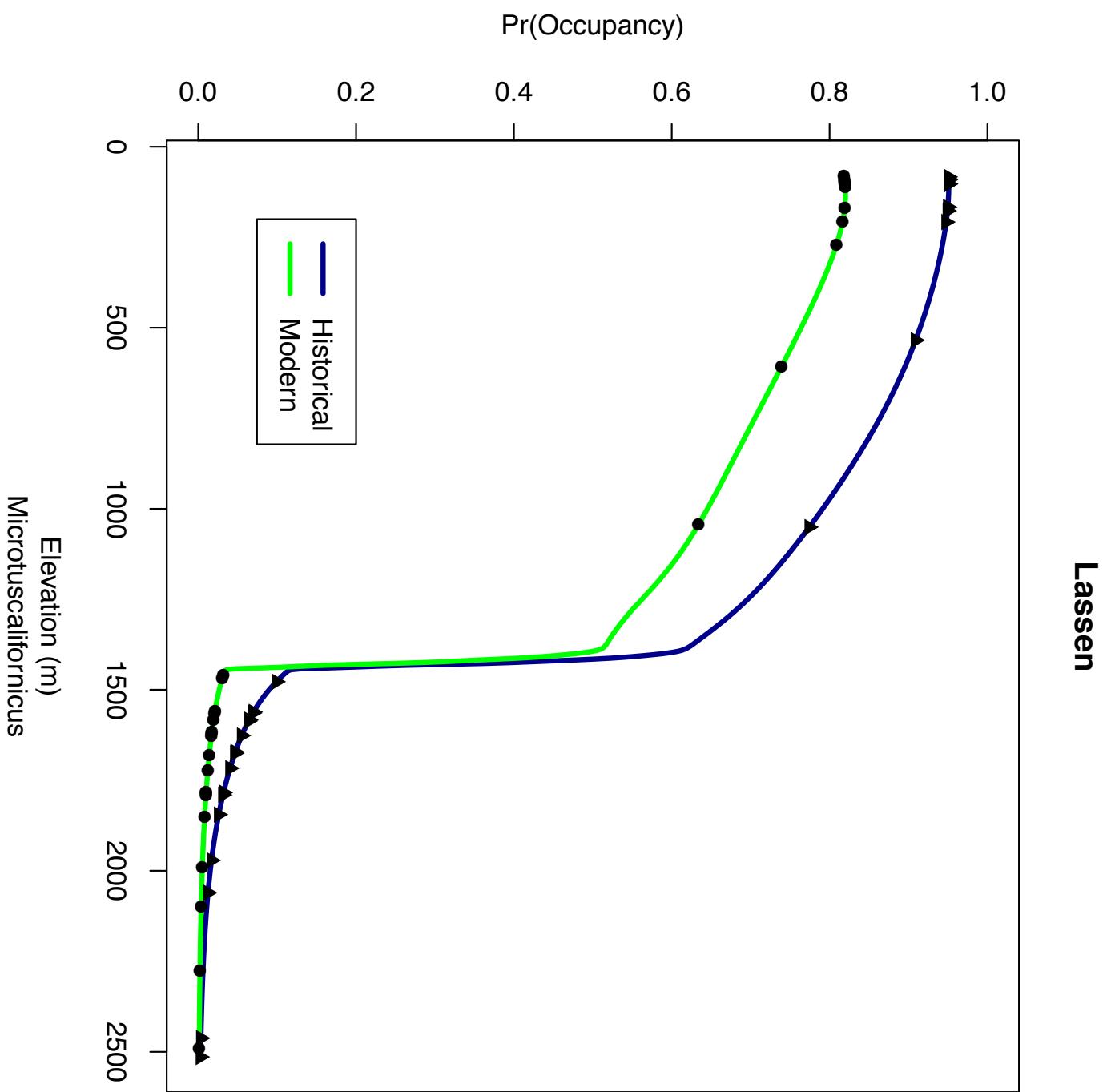
Lassen



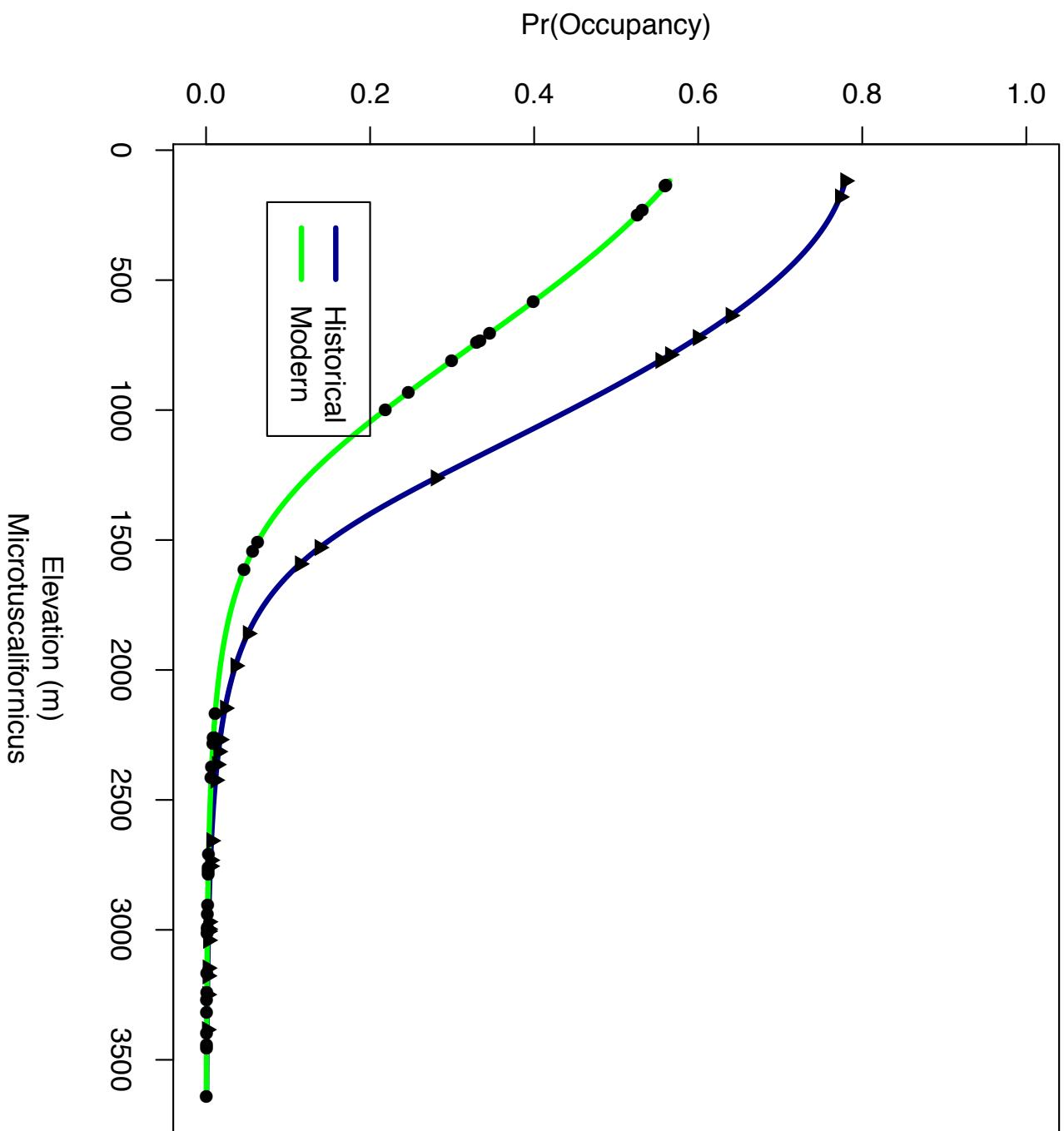


**Yosemite**

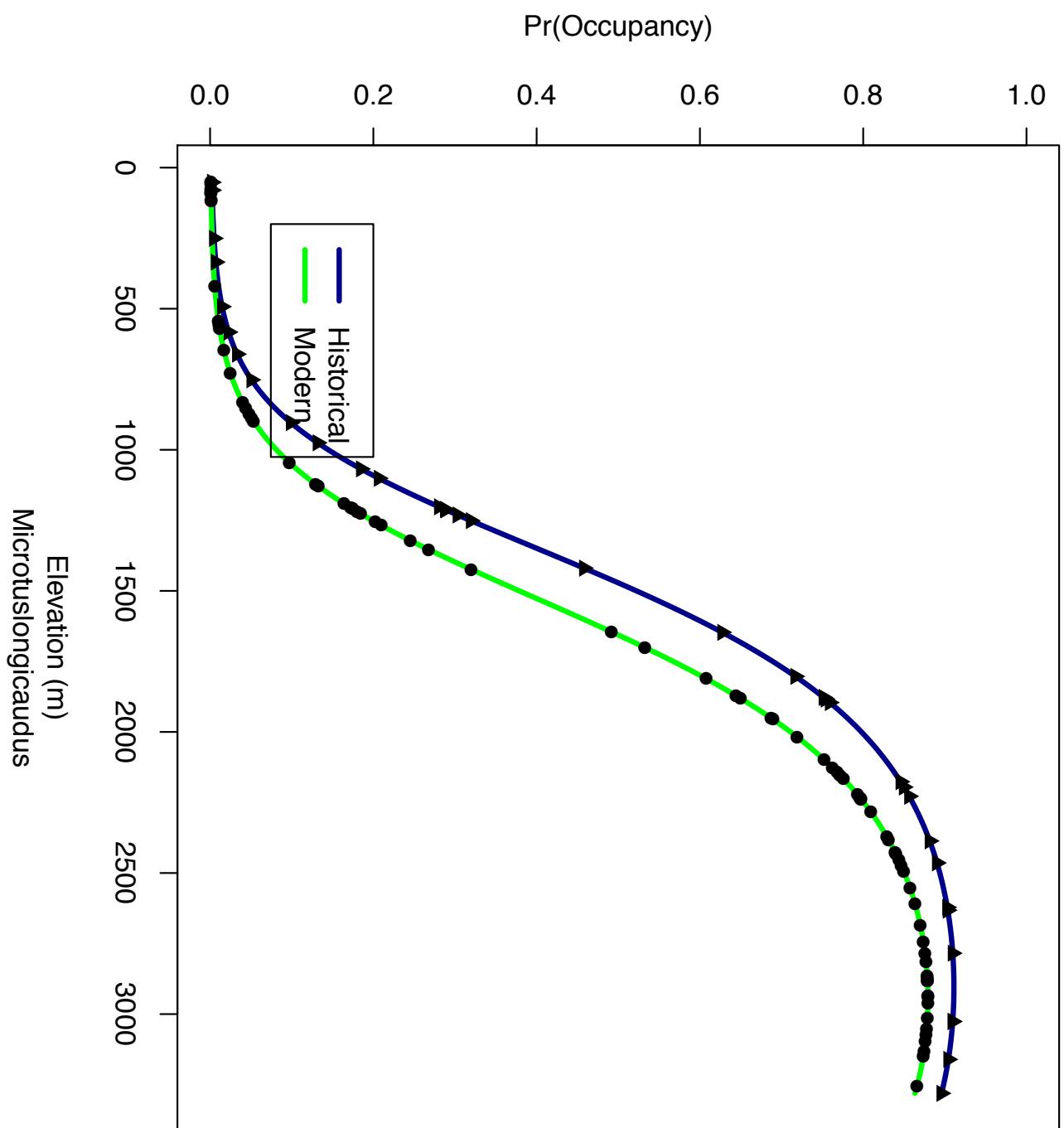




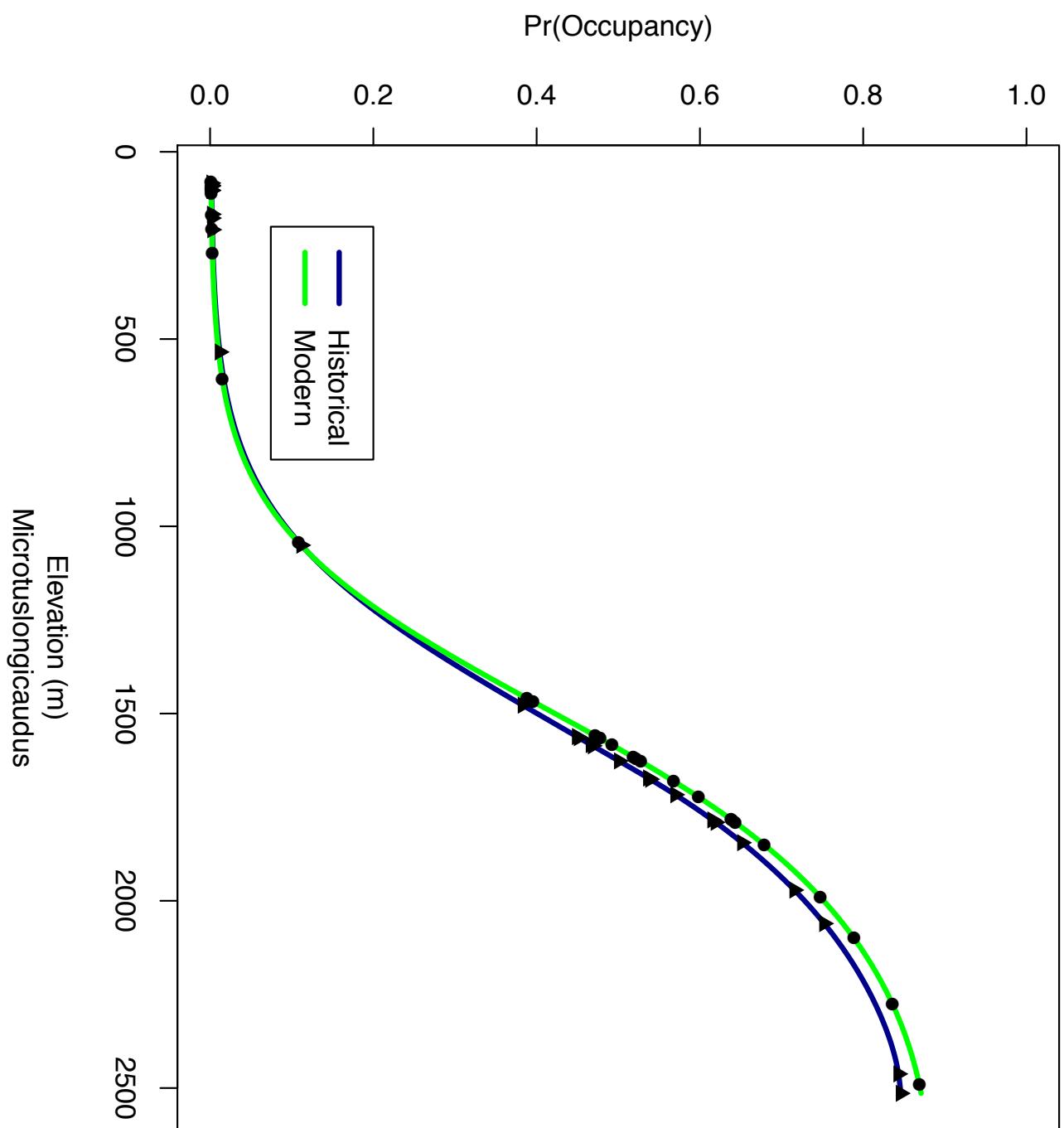
## **Sequoia**



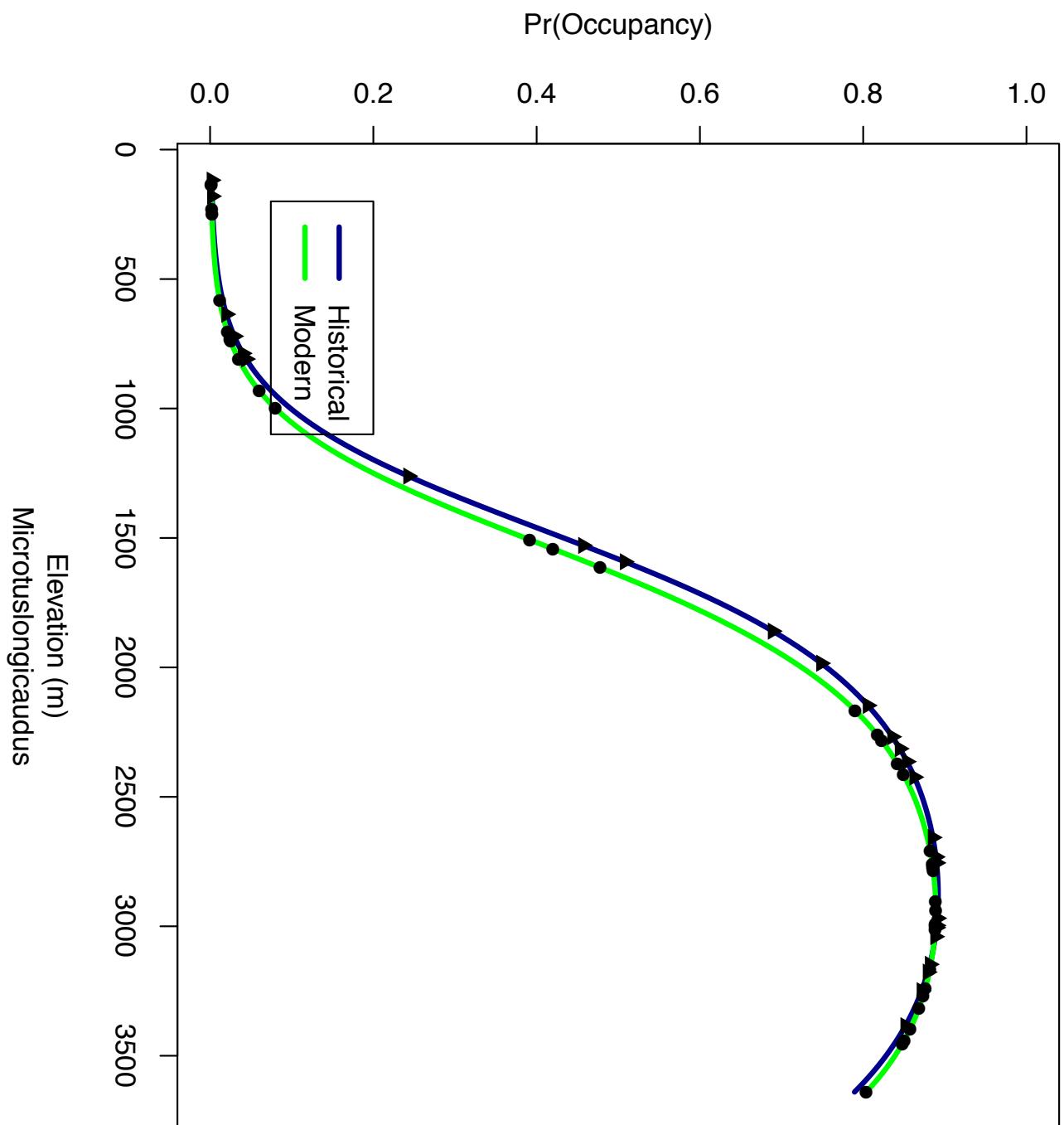
## Yosemite



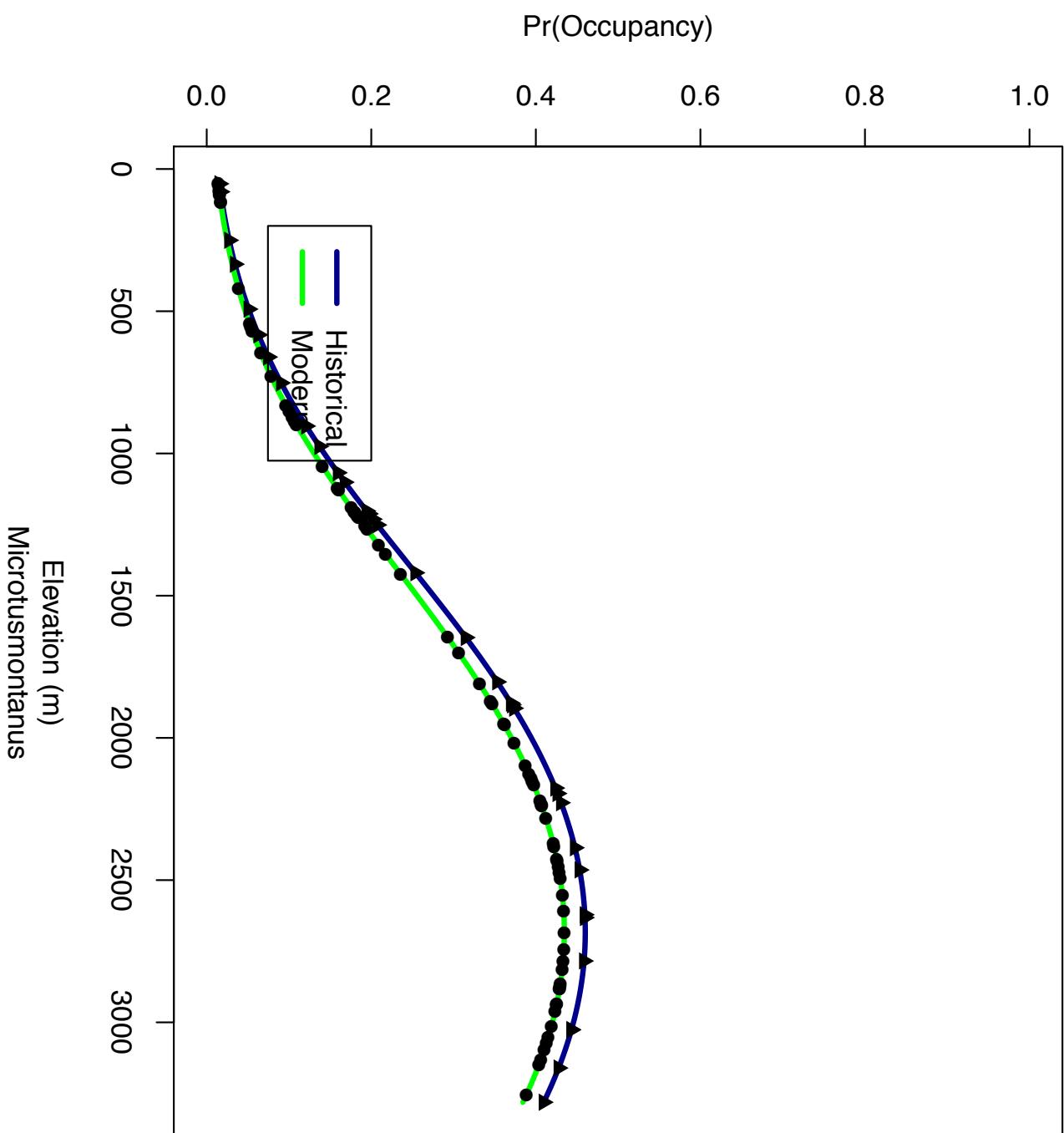
Lassen



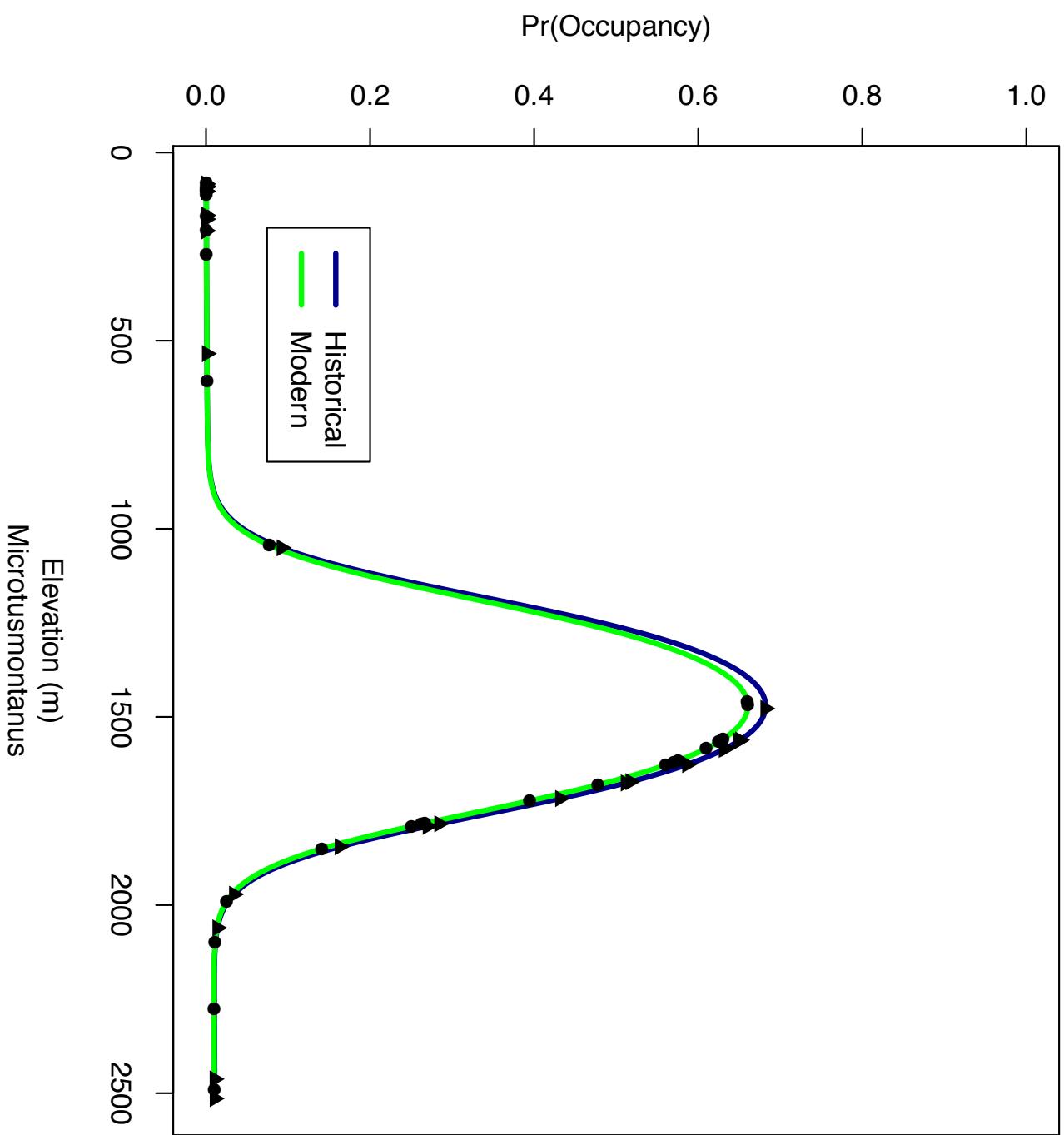
**Sequoia**



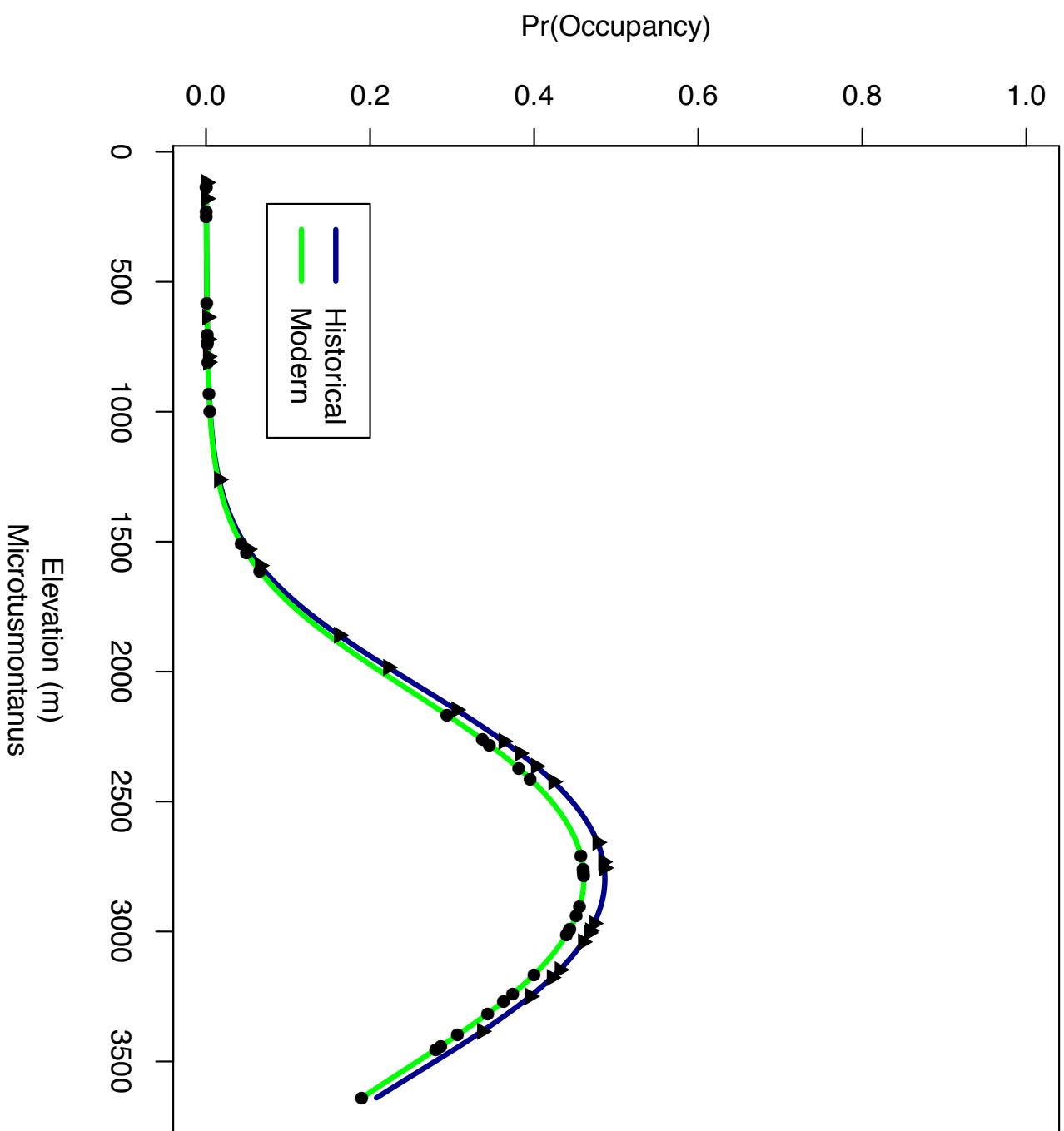
**Yosemite**



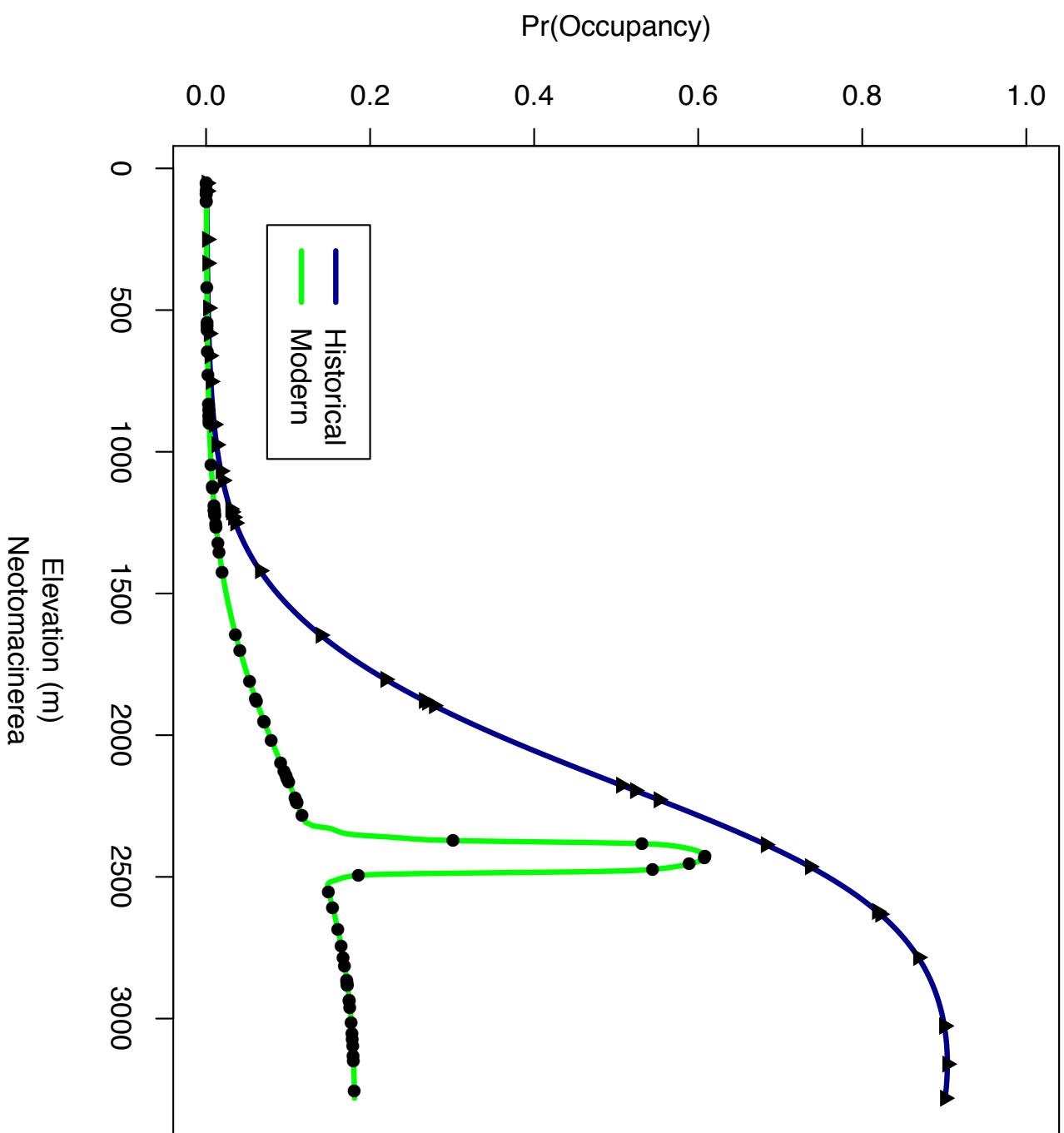
Lassen



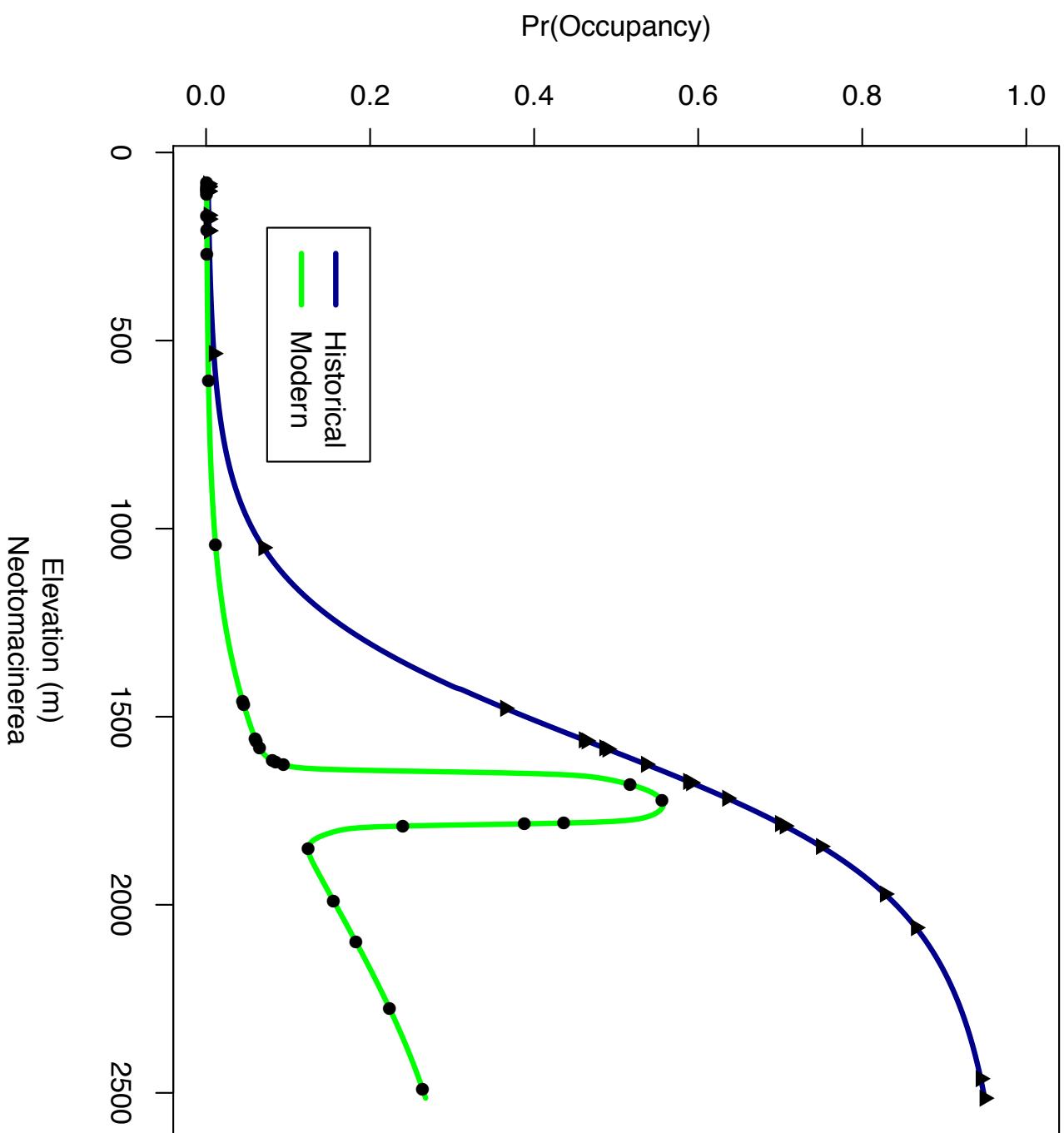
**Sequoia**



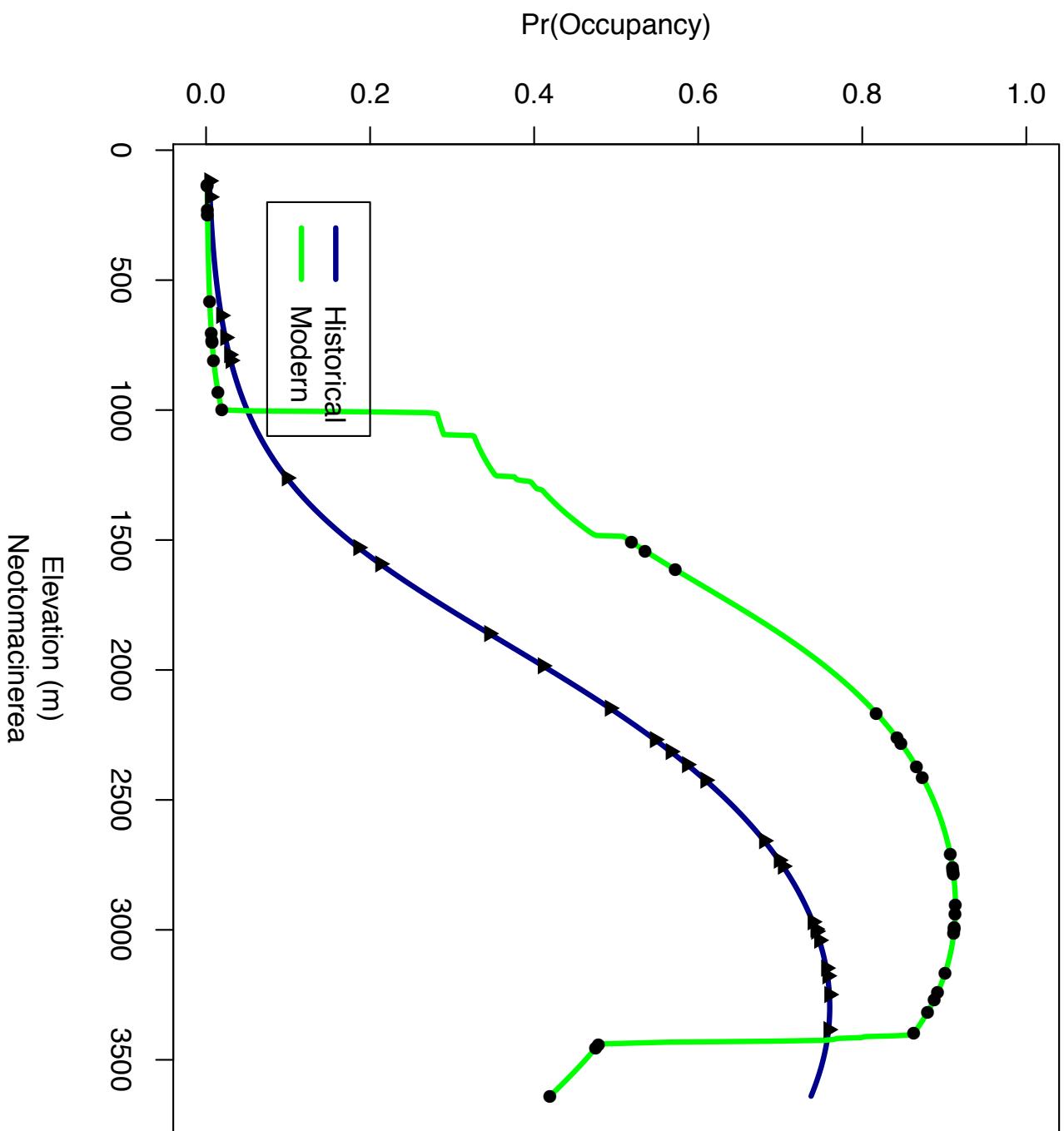
## Yosemite



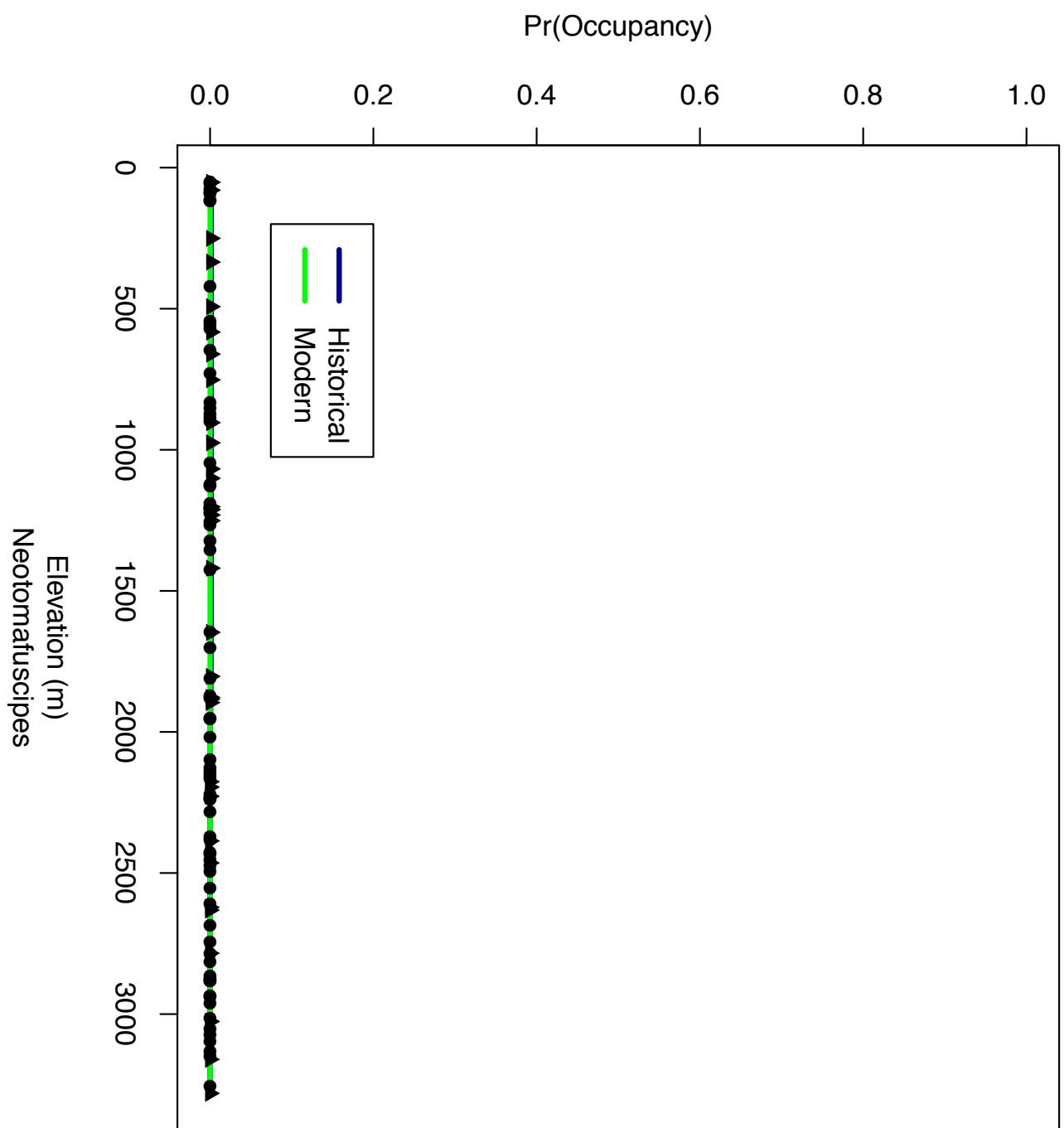
Lassen



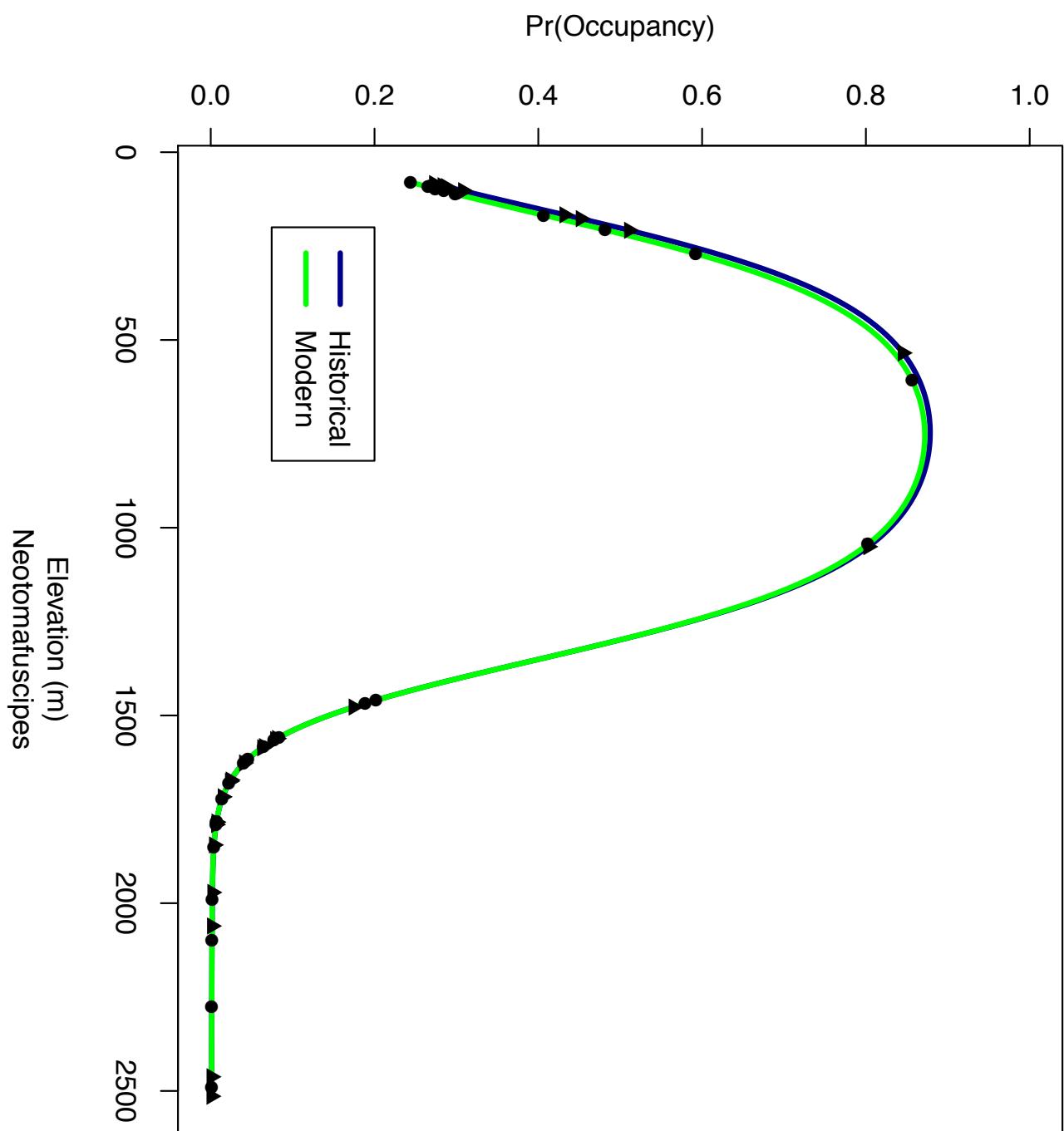
# Sequoia



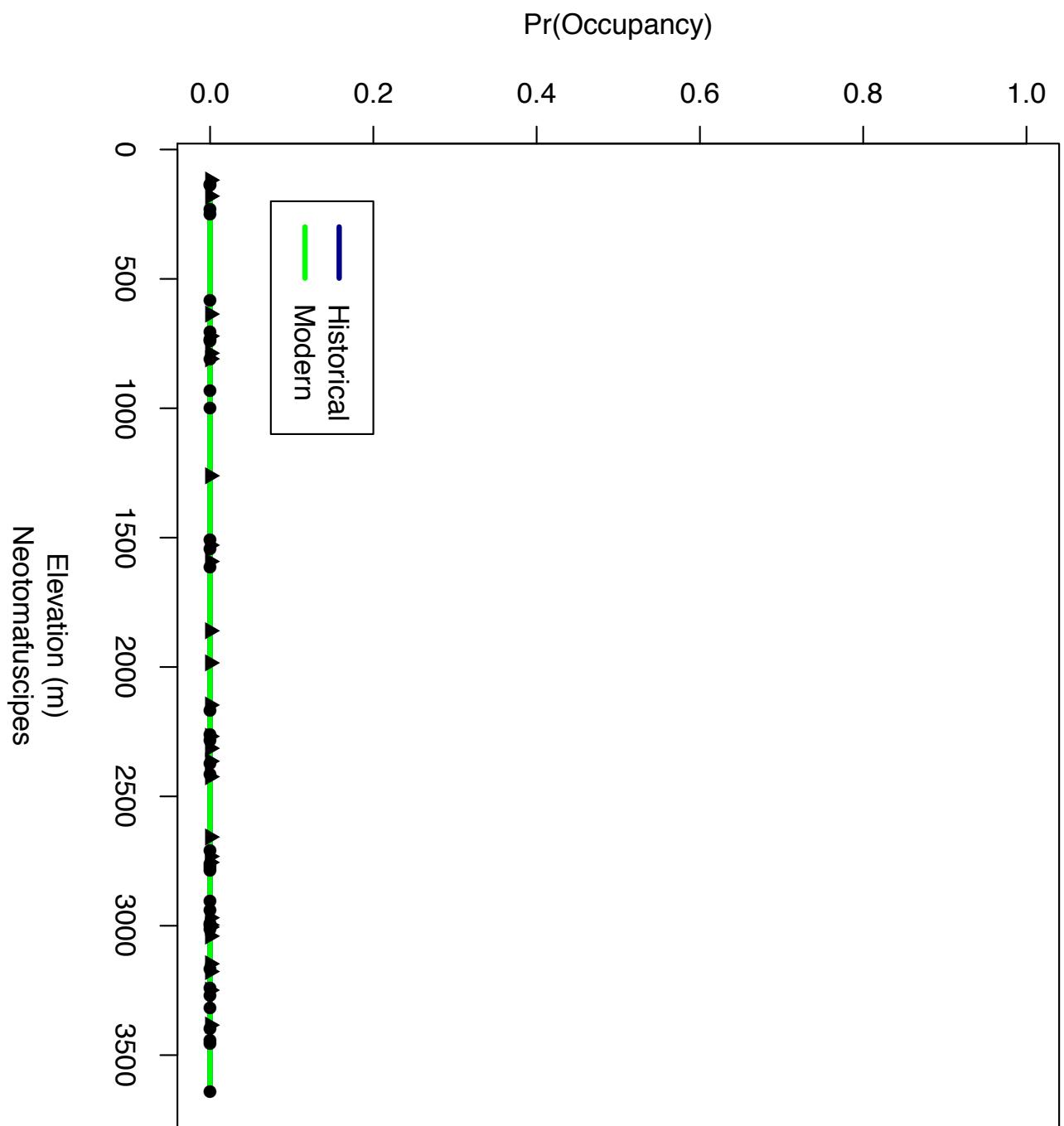
# **Yosemite**



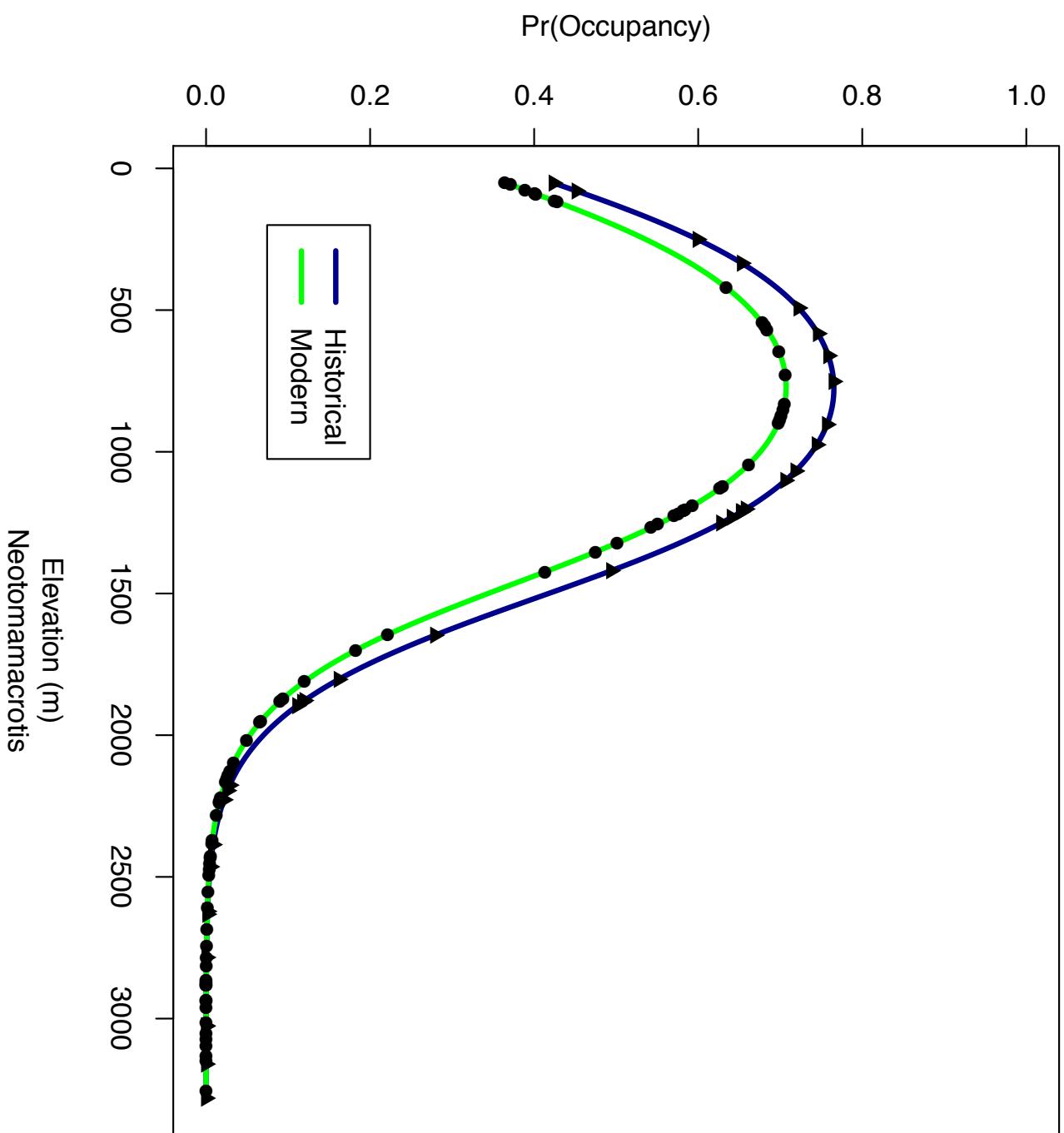
Lassen



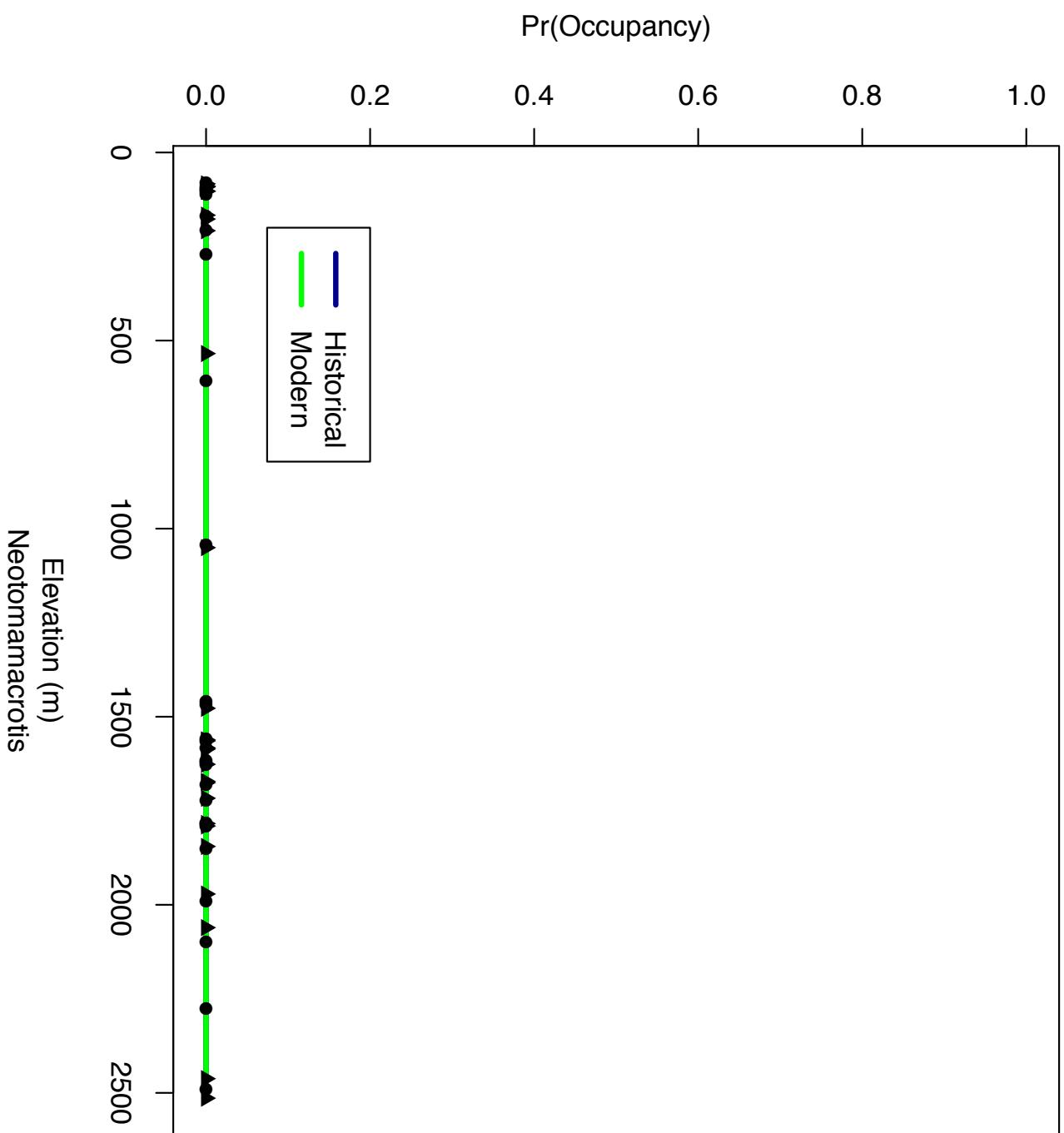
## **Sequoia**



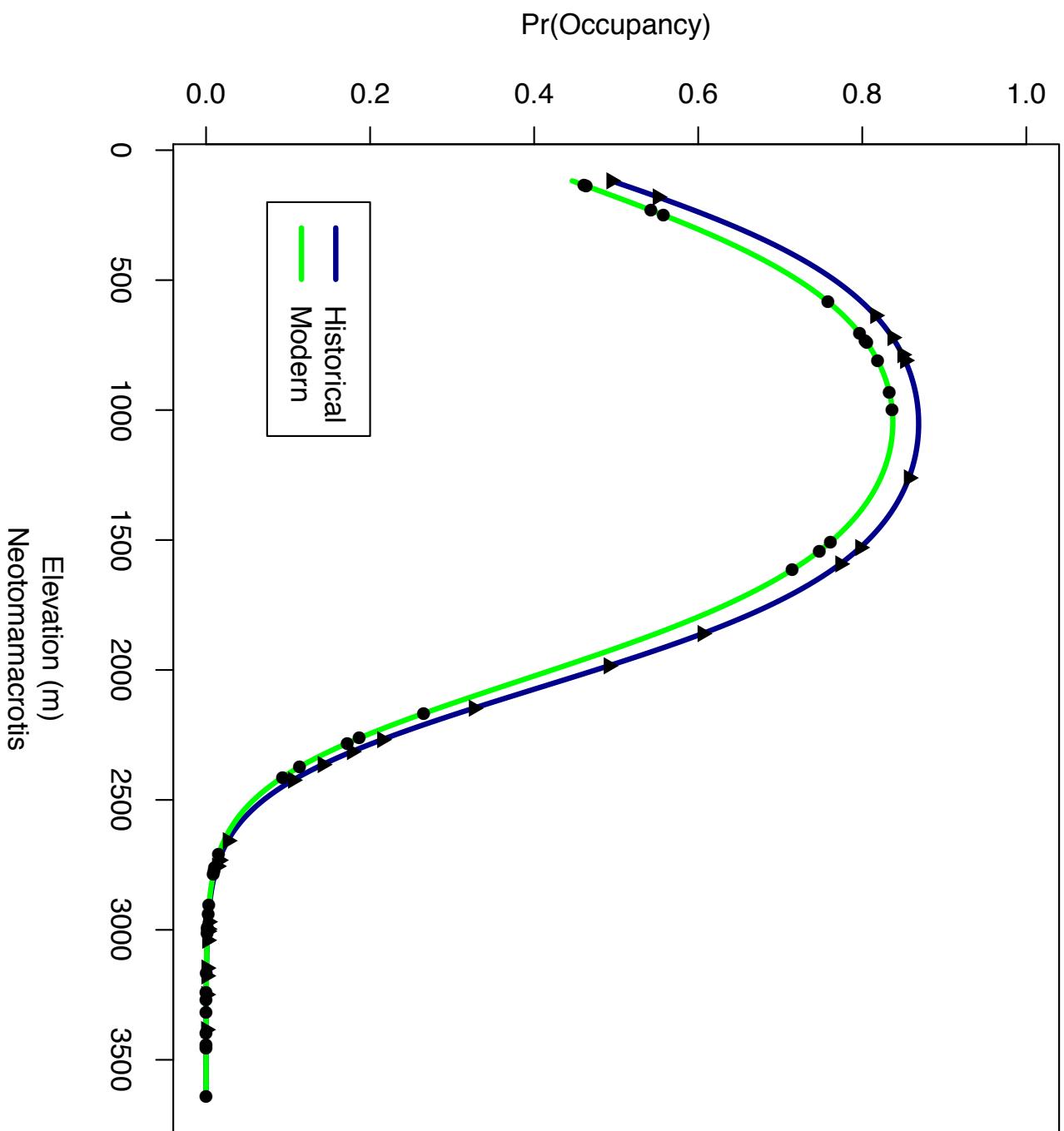
**Yosemite**



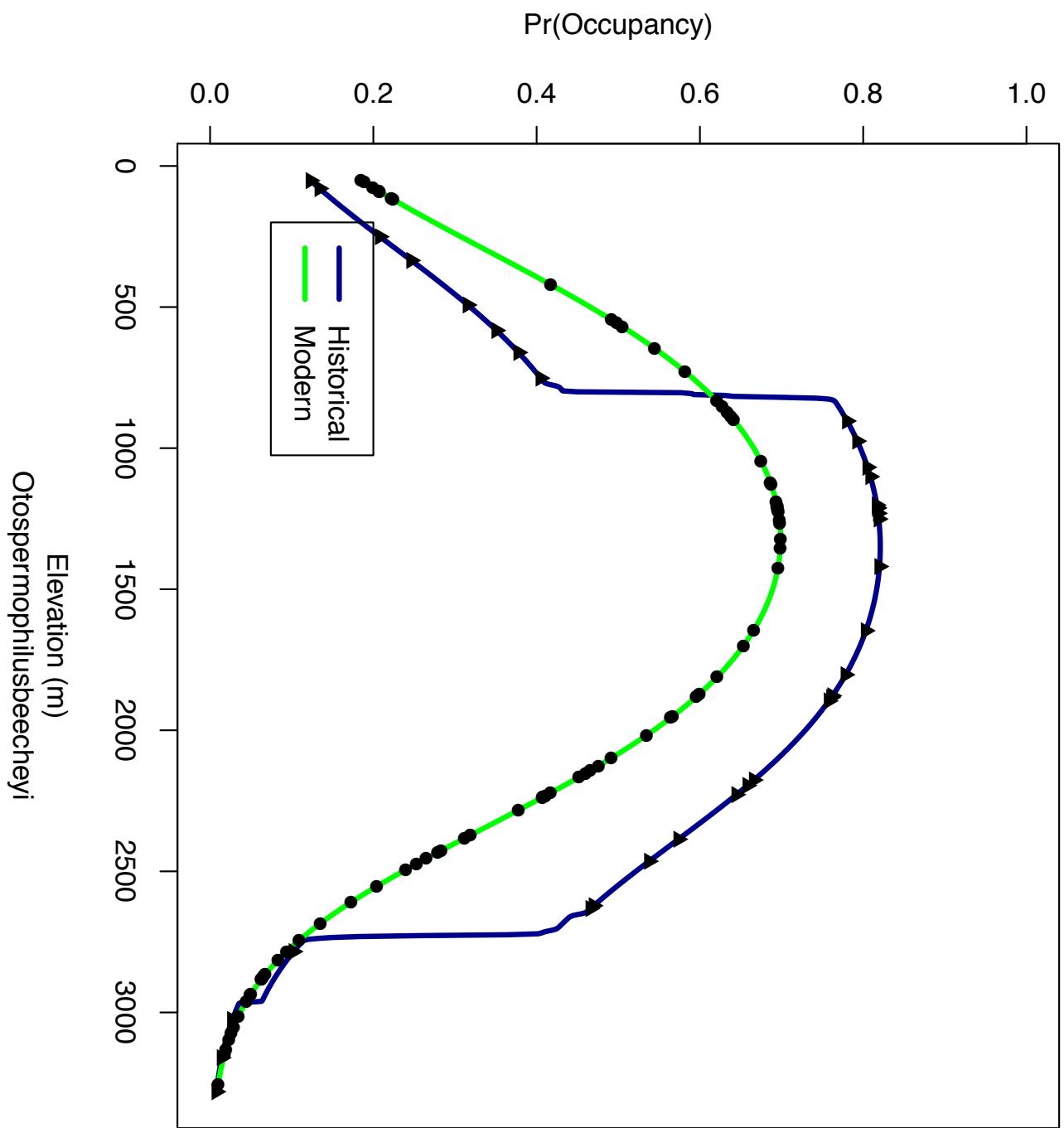
Lassen

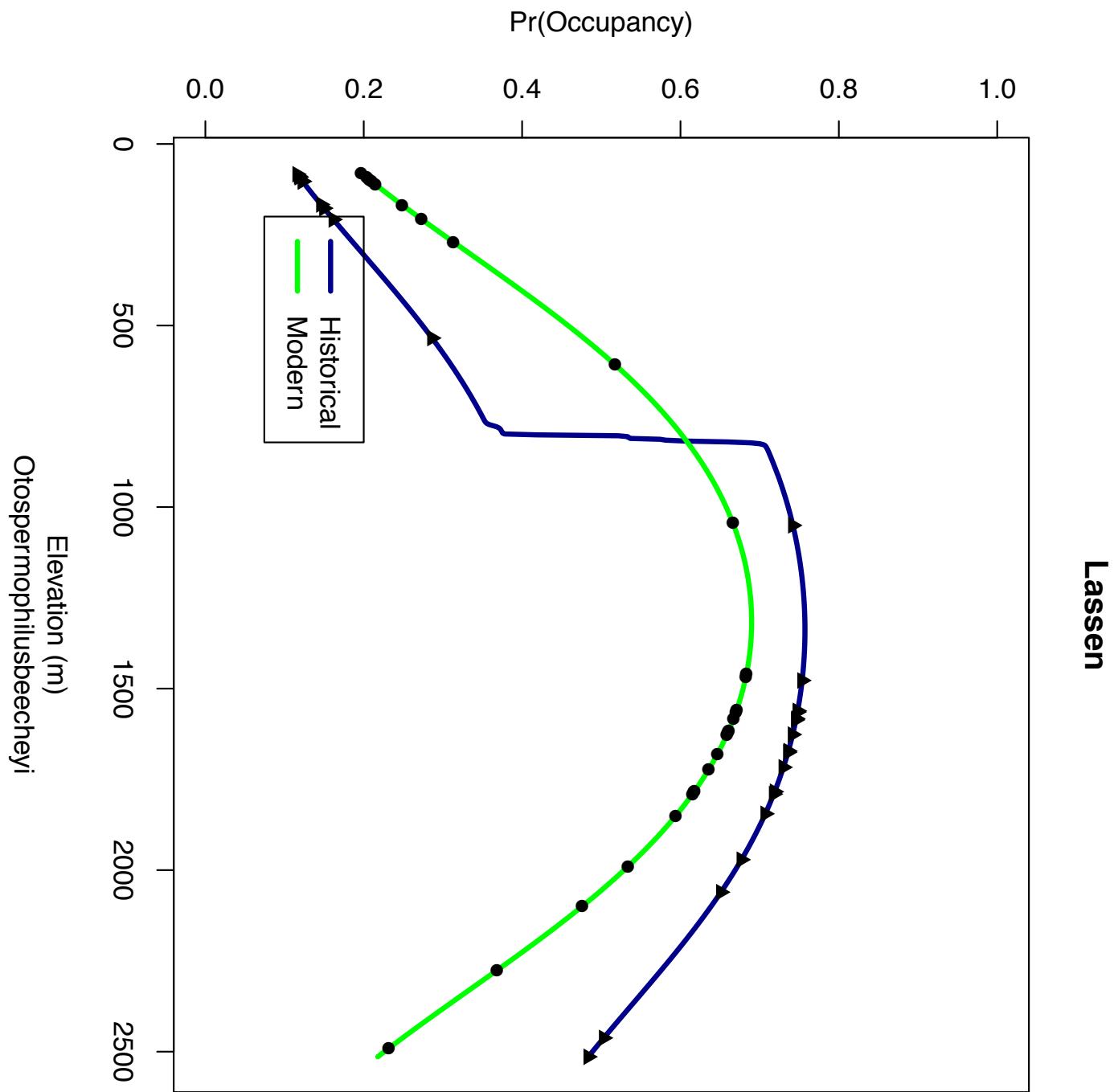


## Sequoia

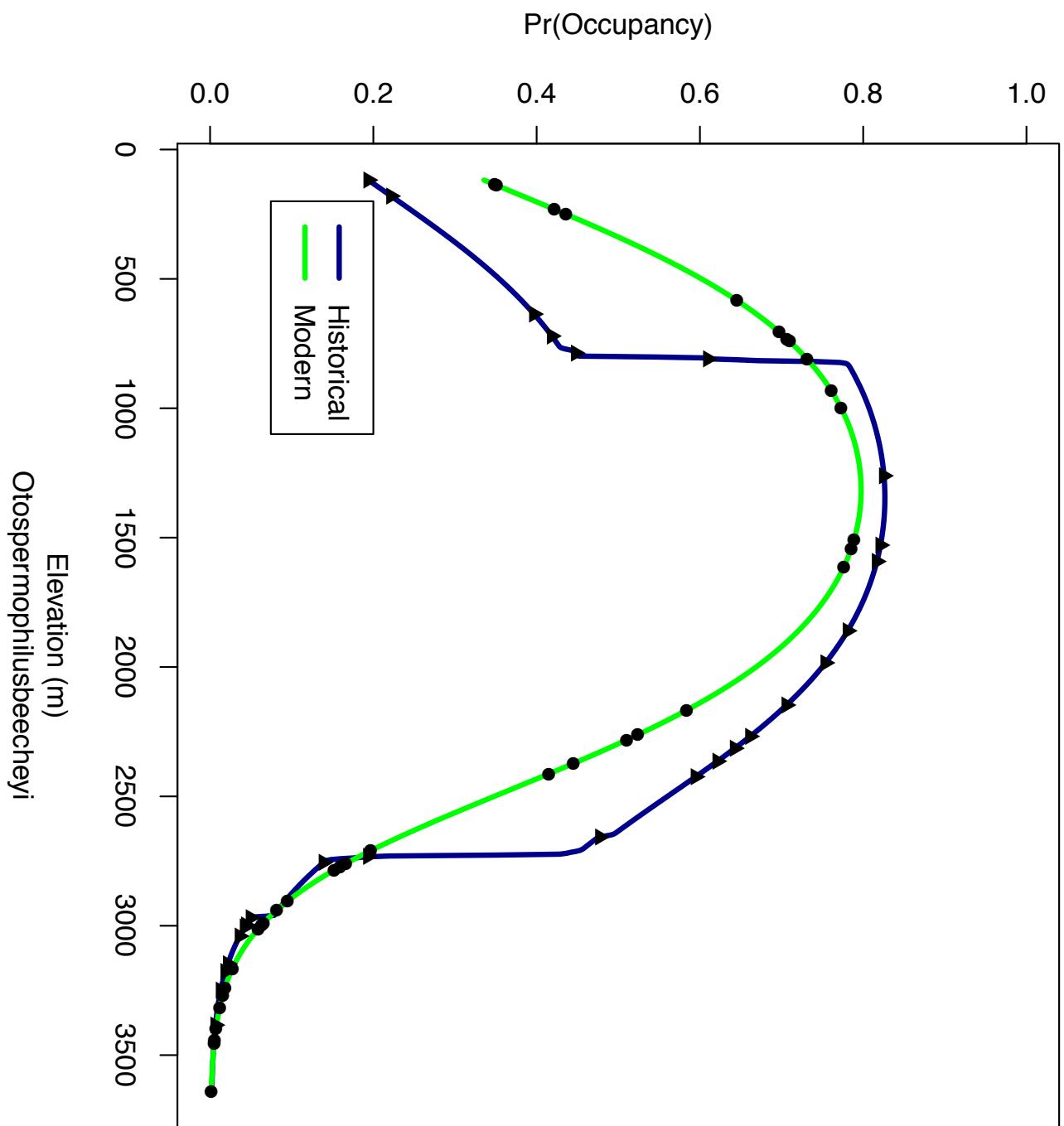


# Yosemite

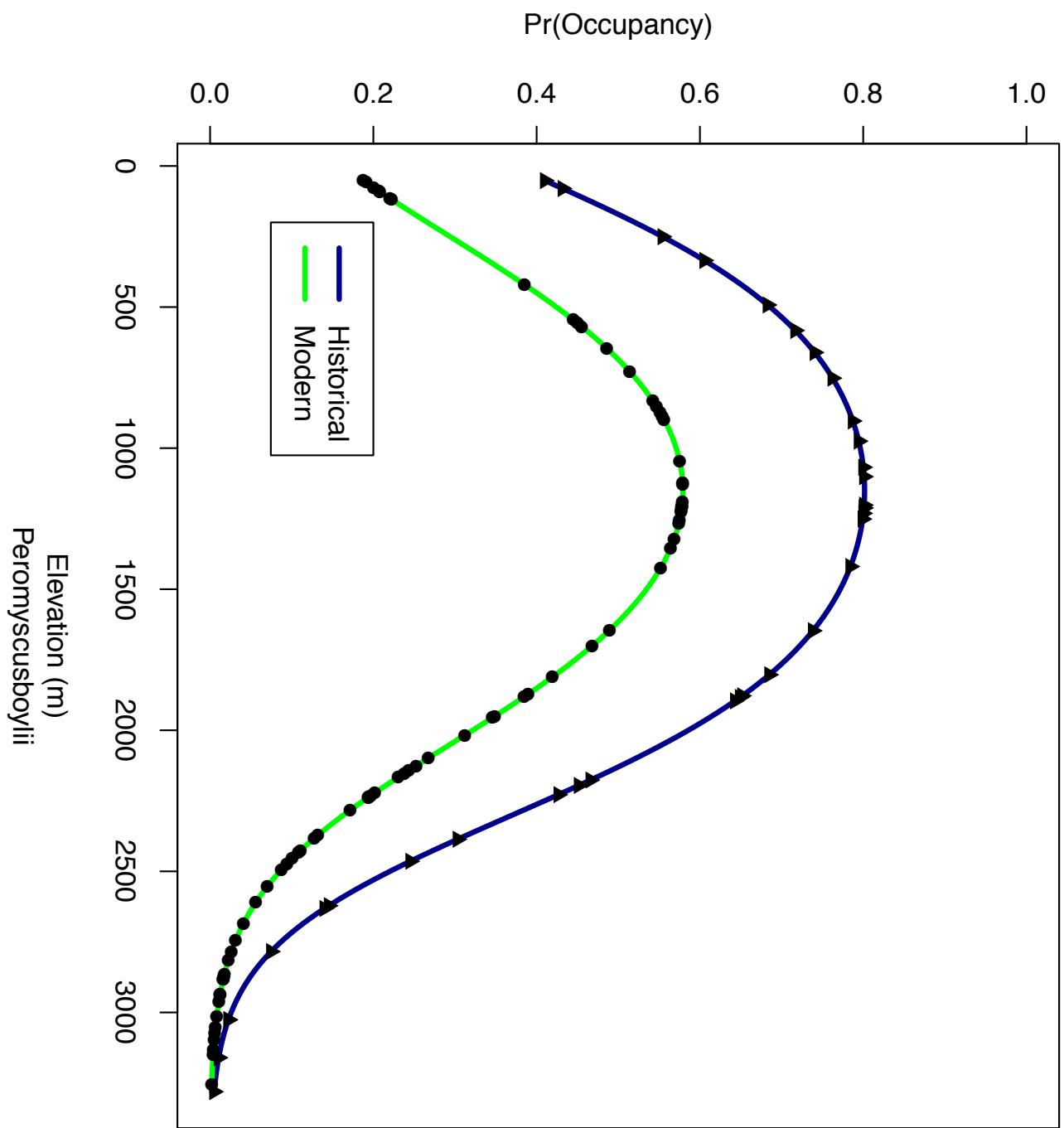


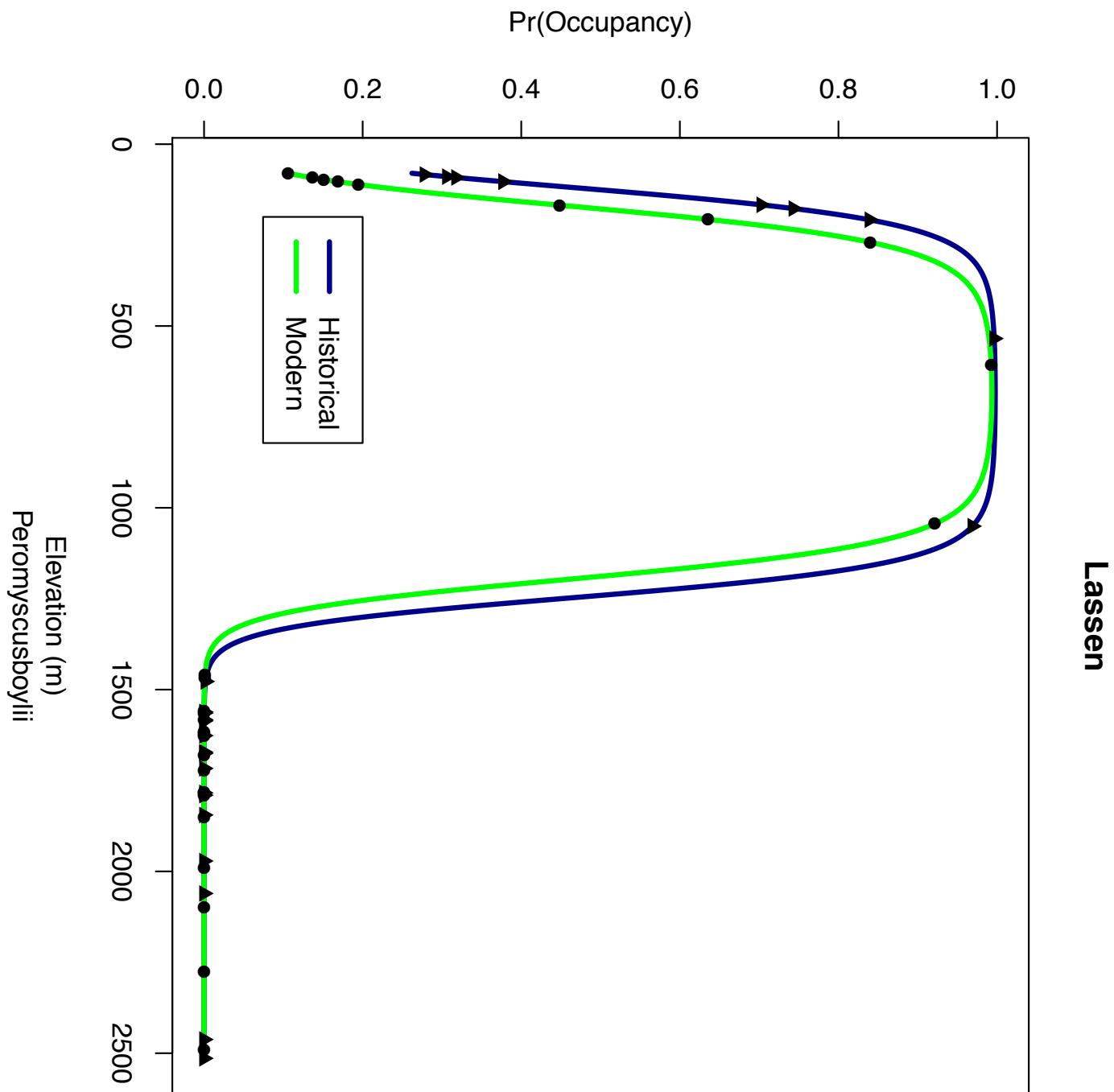


**Sequoia**

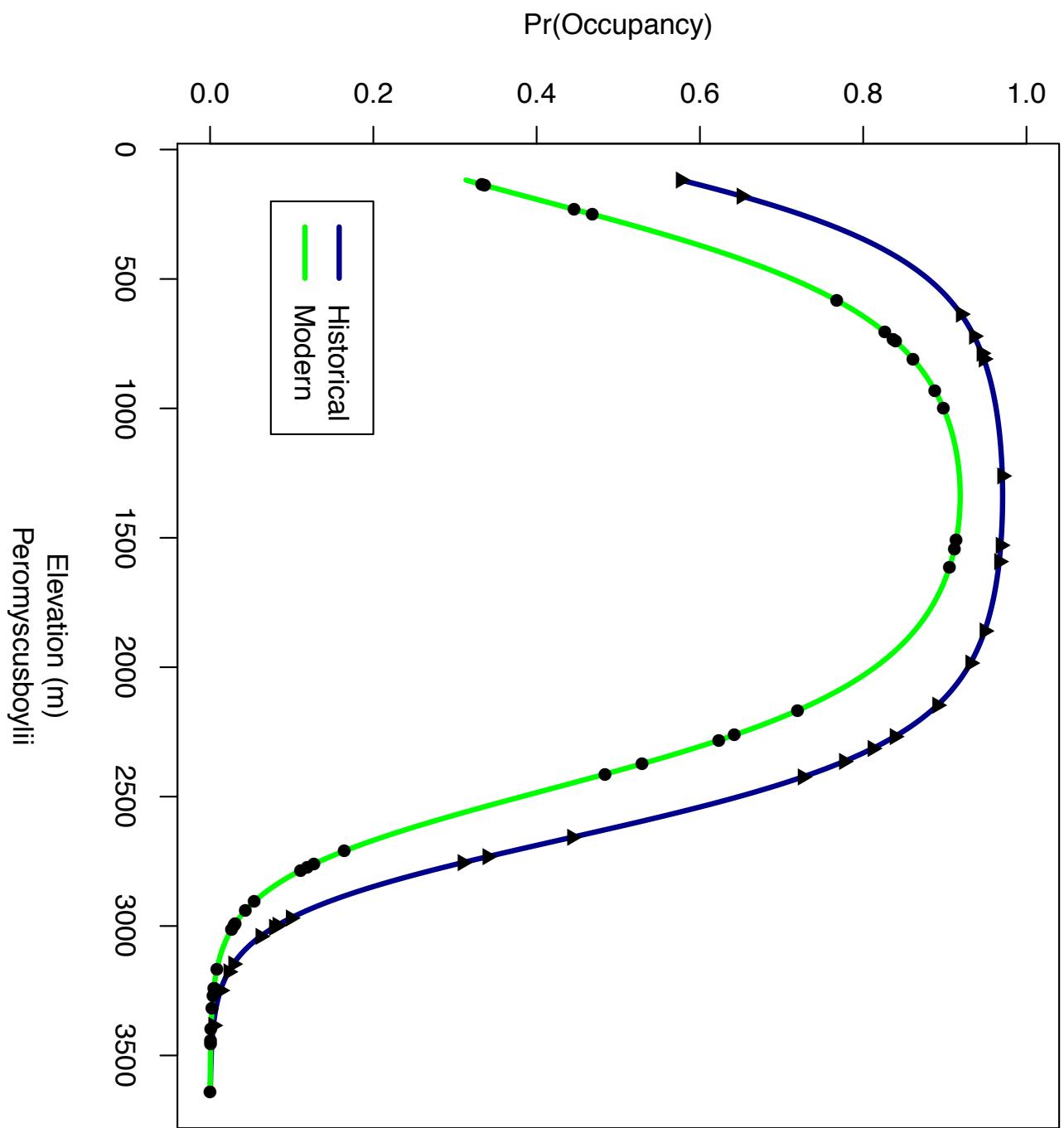


**Yosemite**

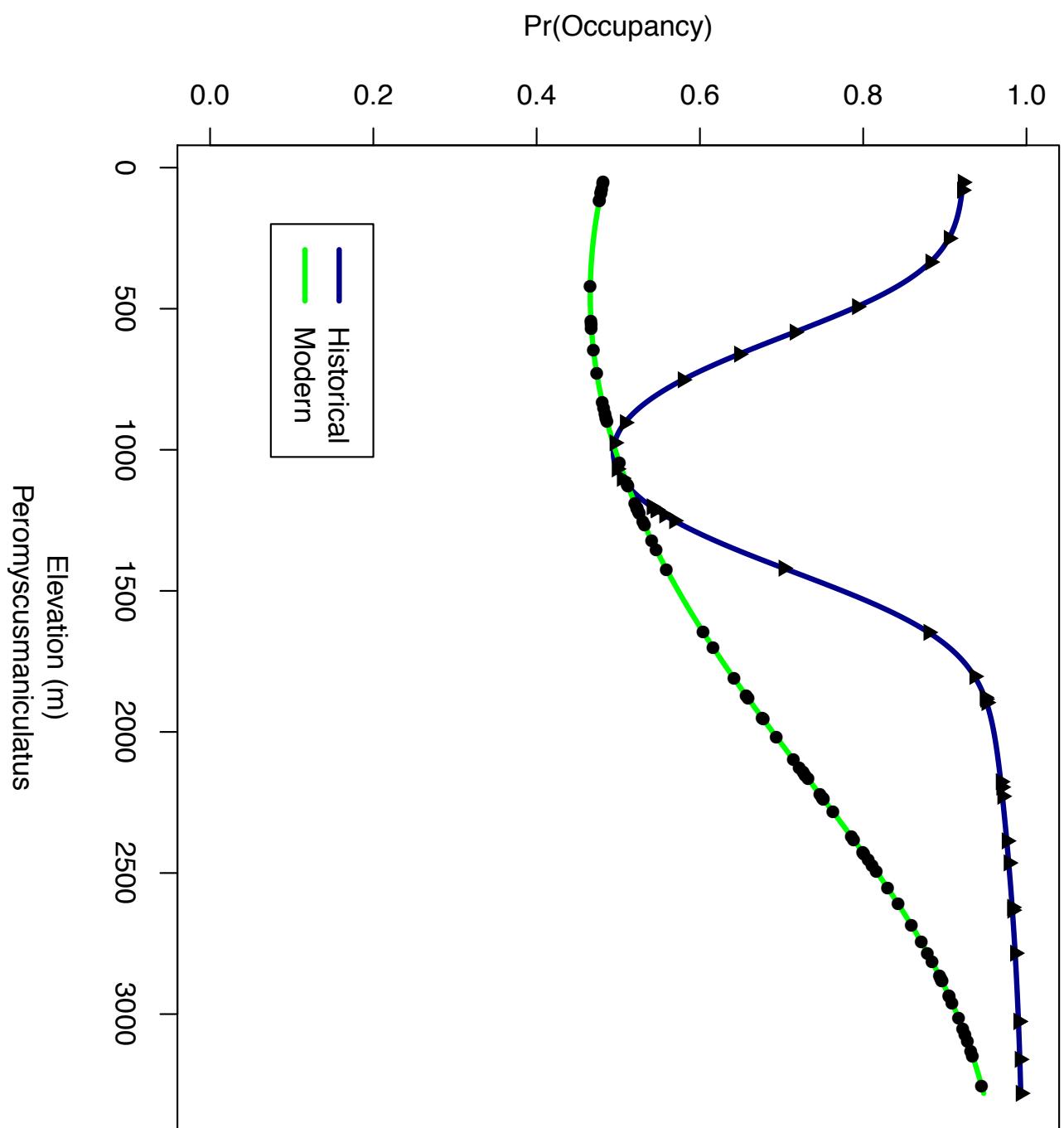


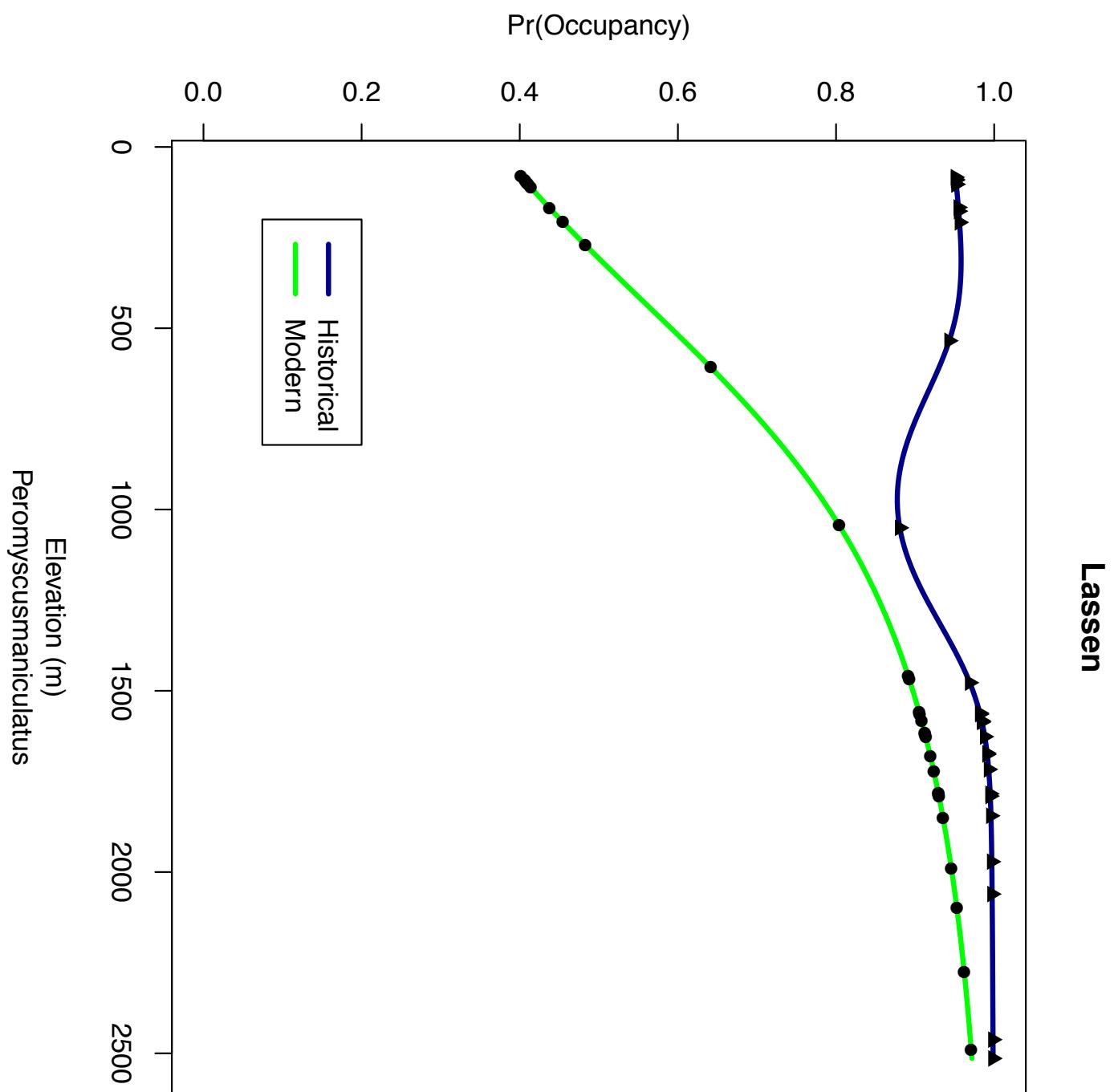


**Sequoia**

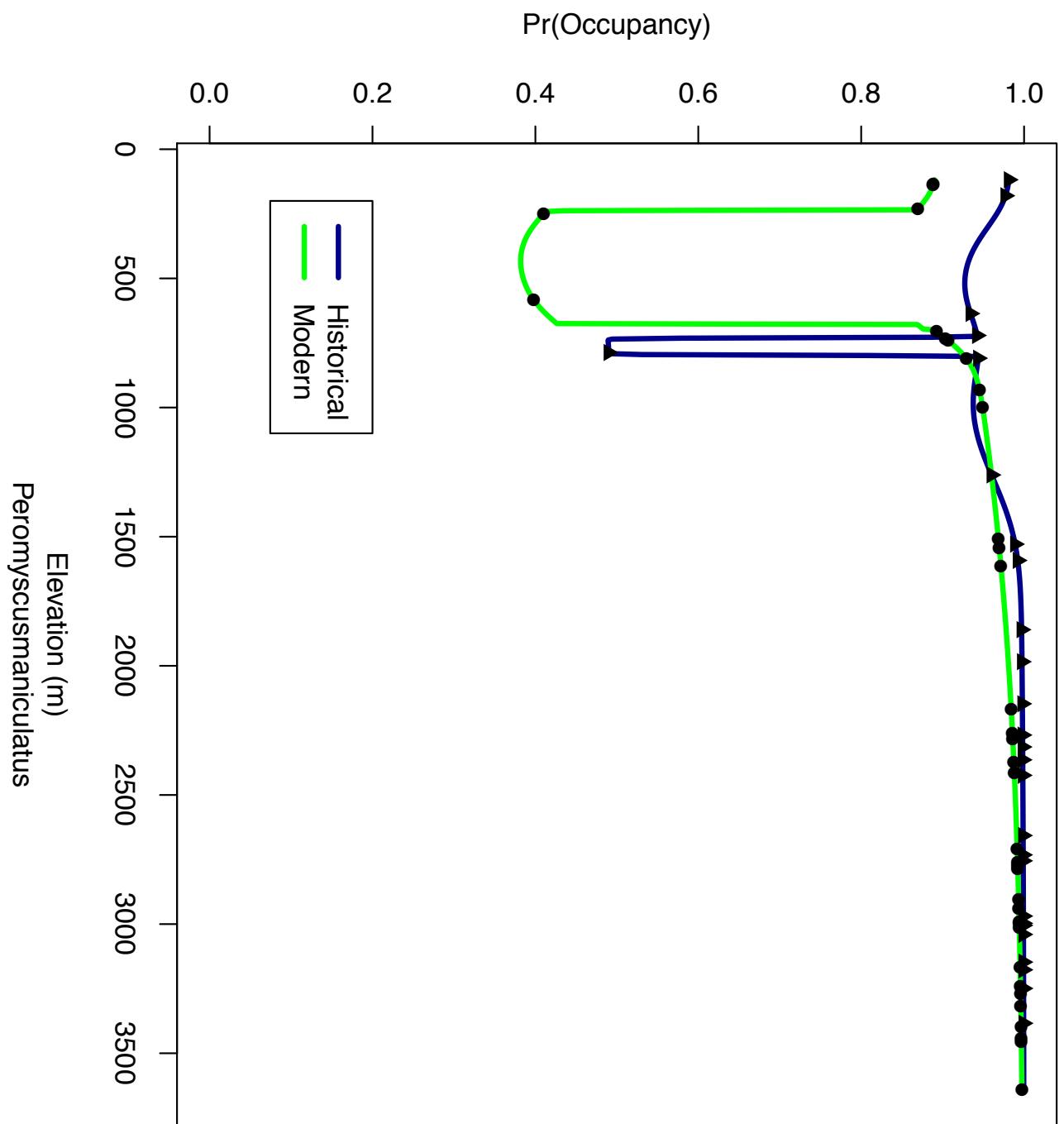


**Yosemite**

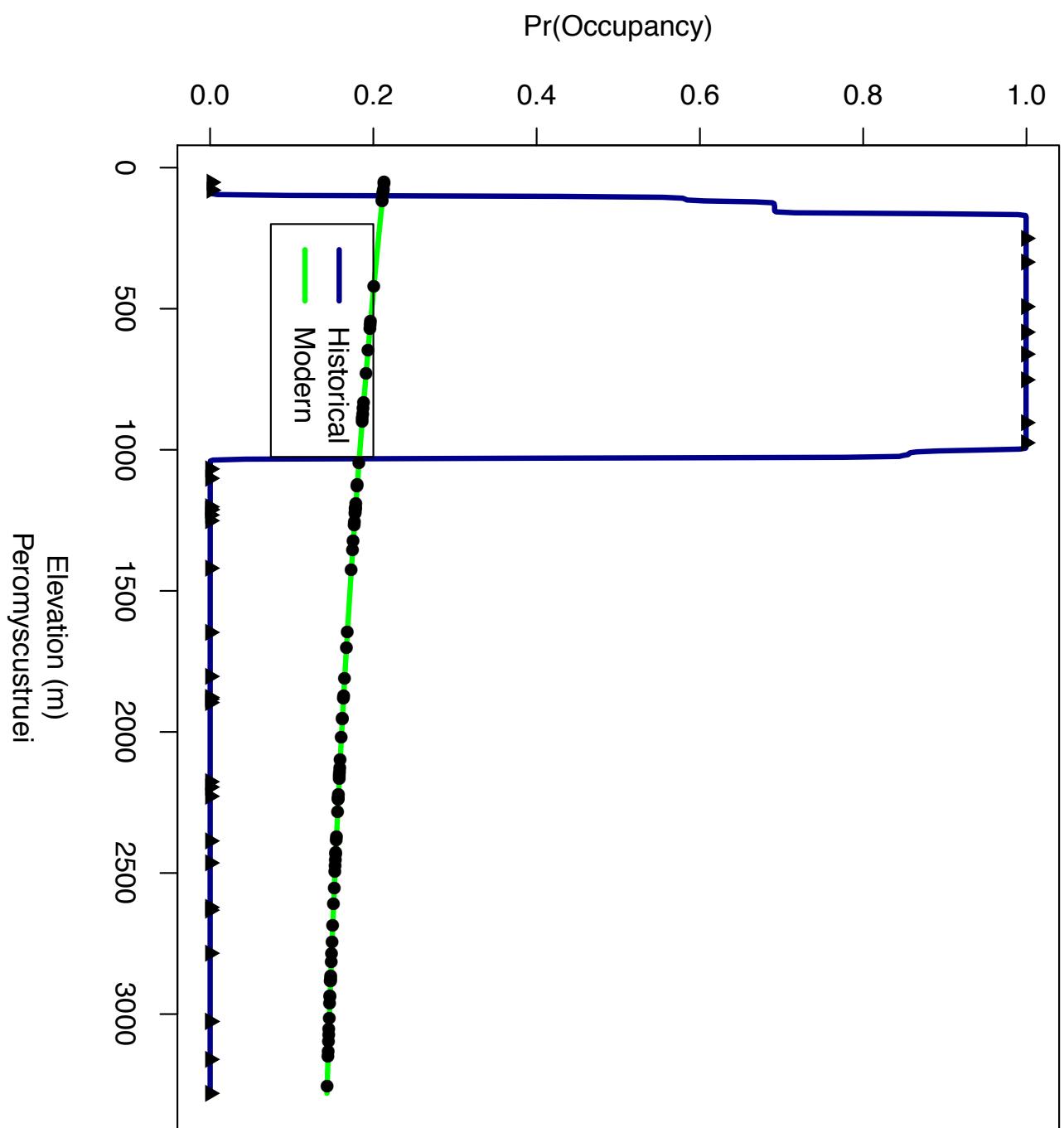


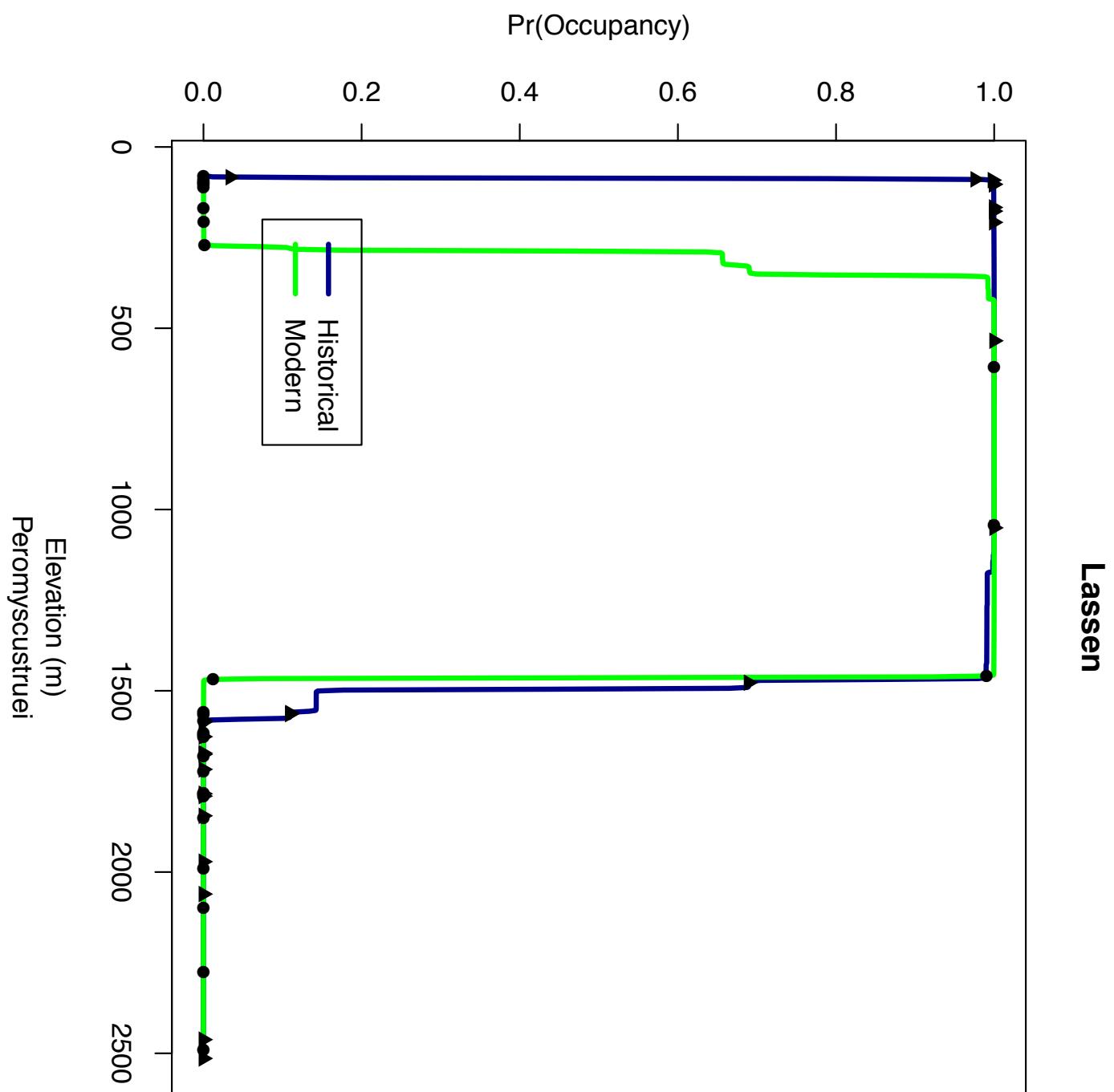


**Sequoia**

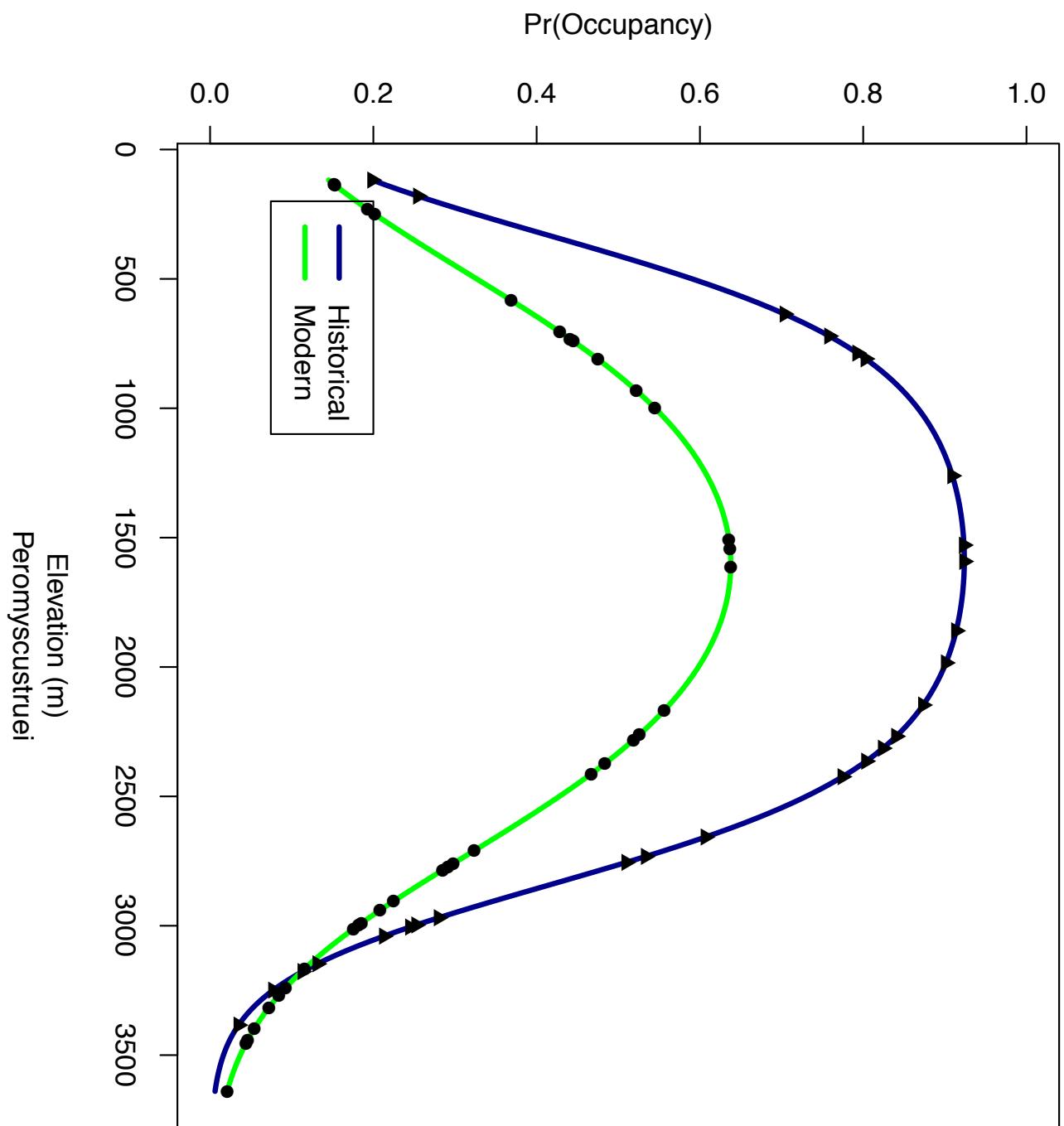


## Yosemite

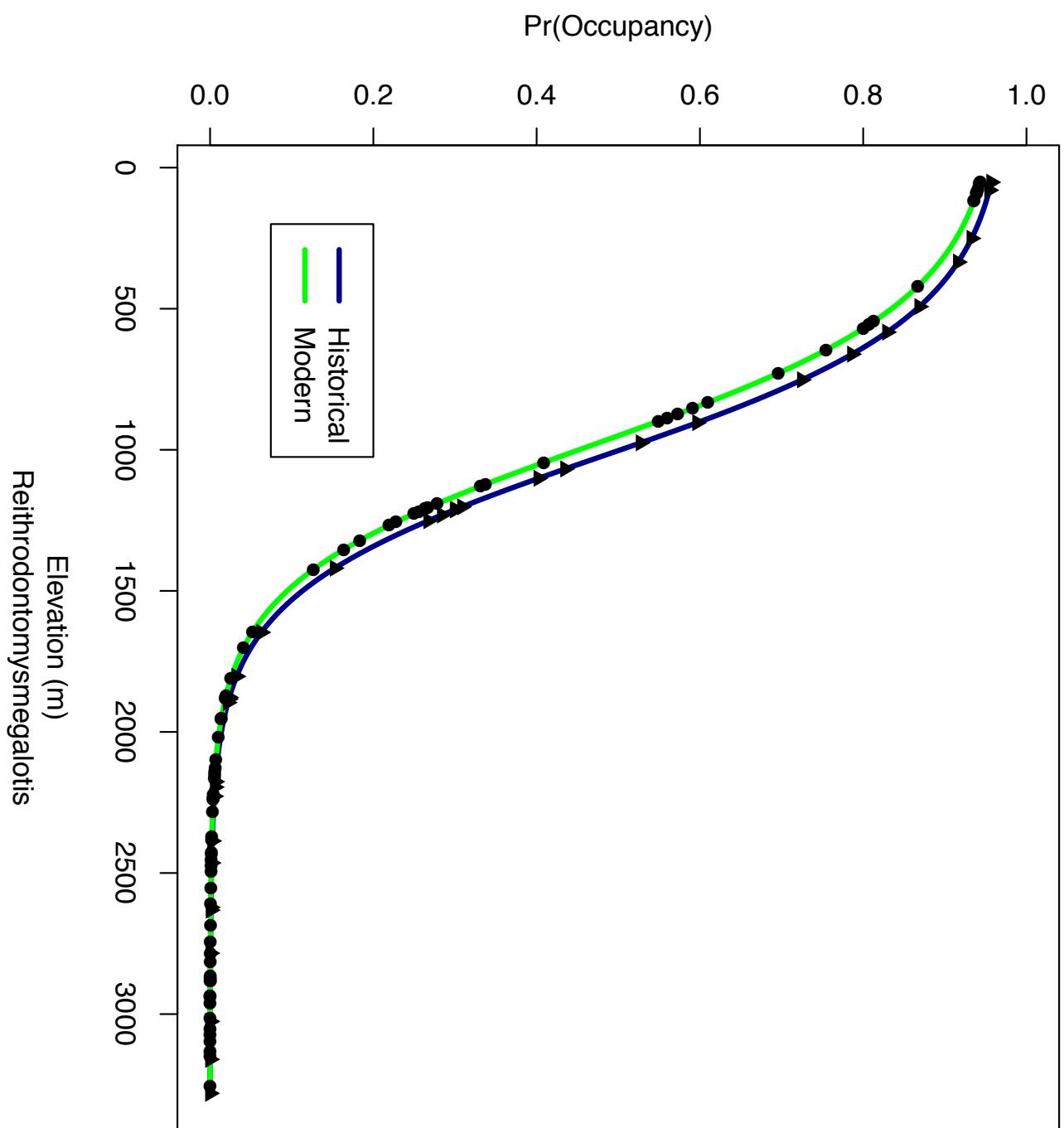


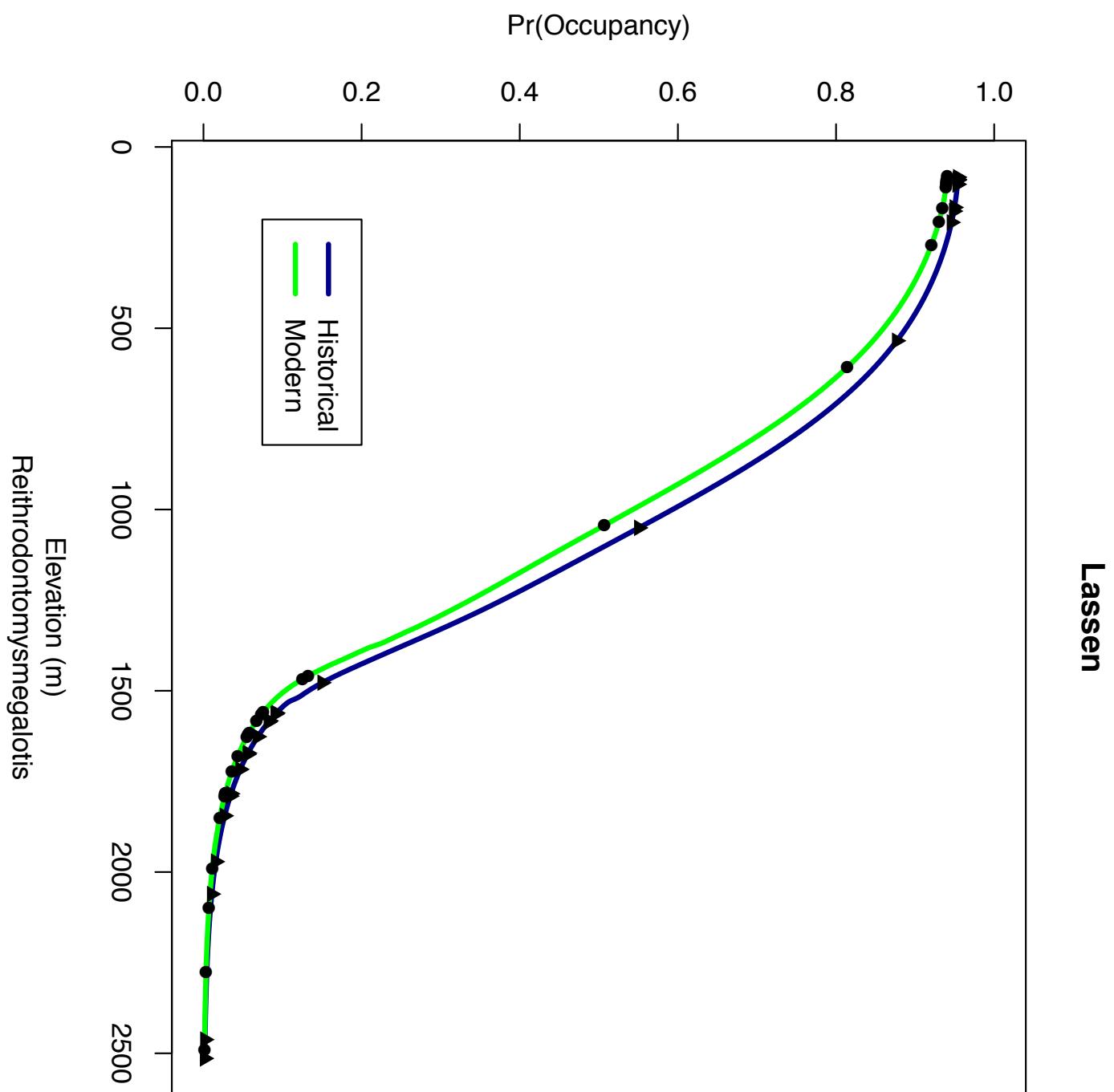


## Sequoia

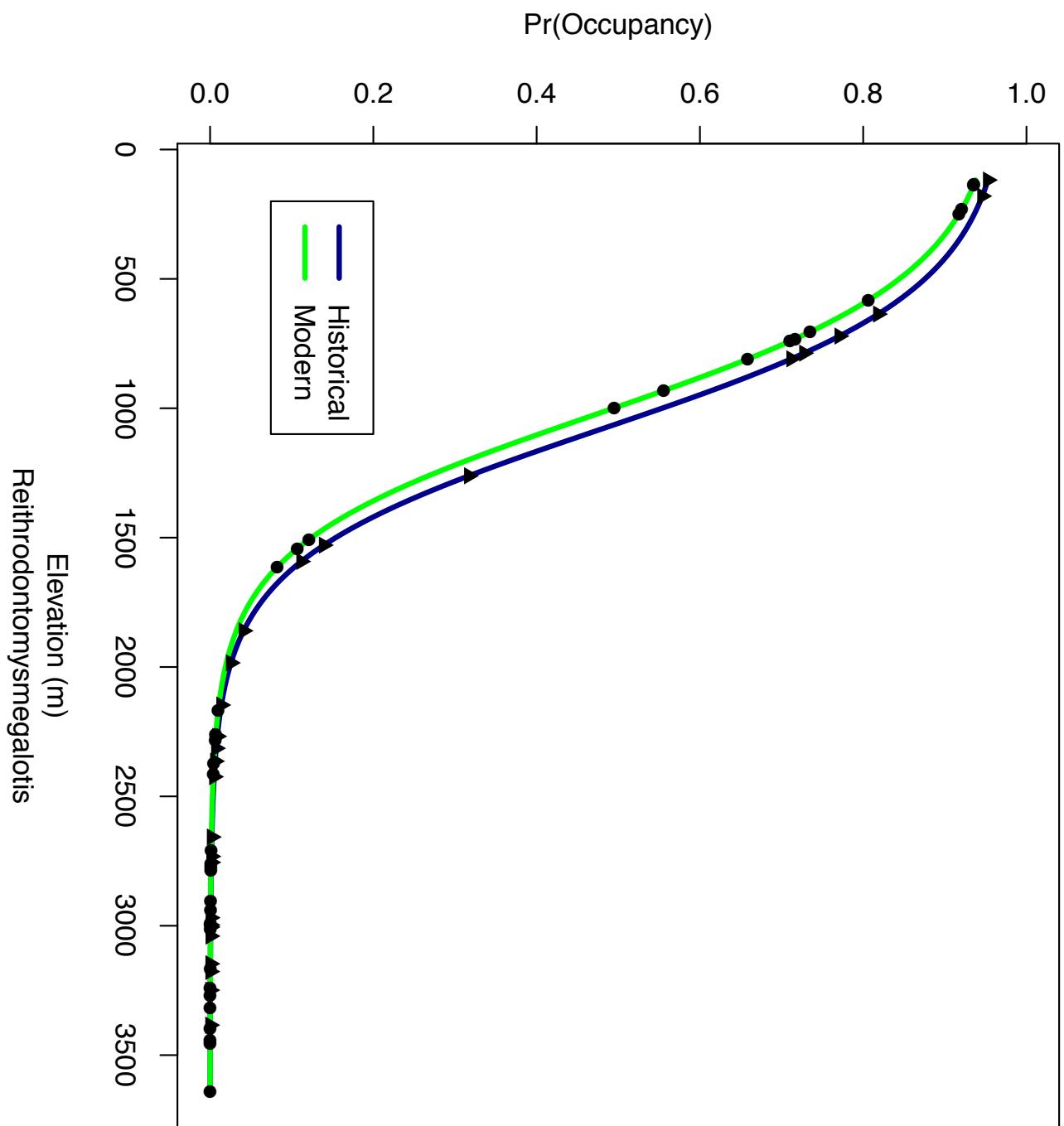


**Yosemite**

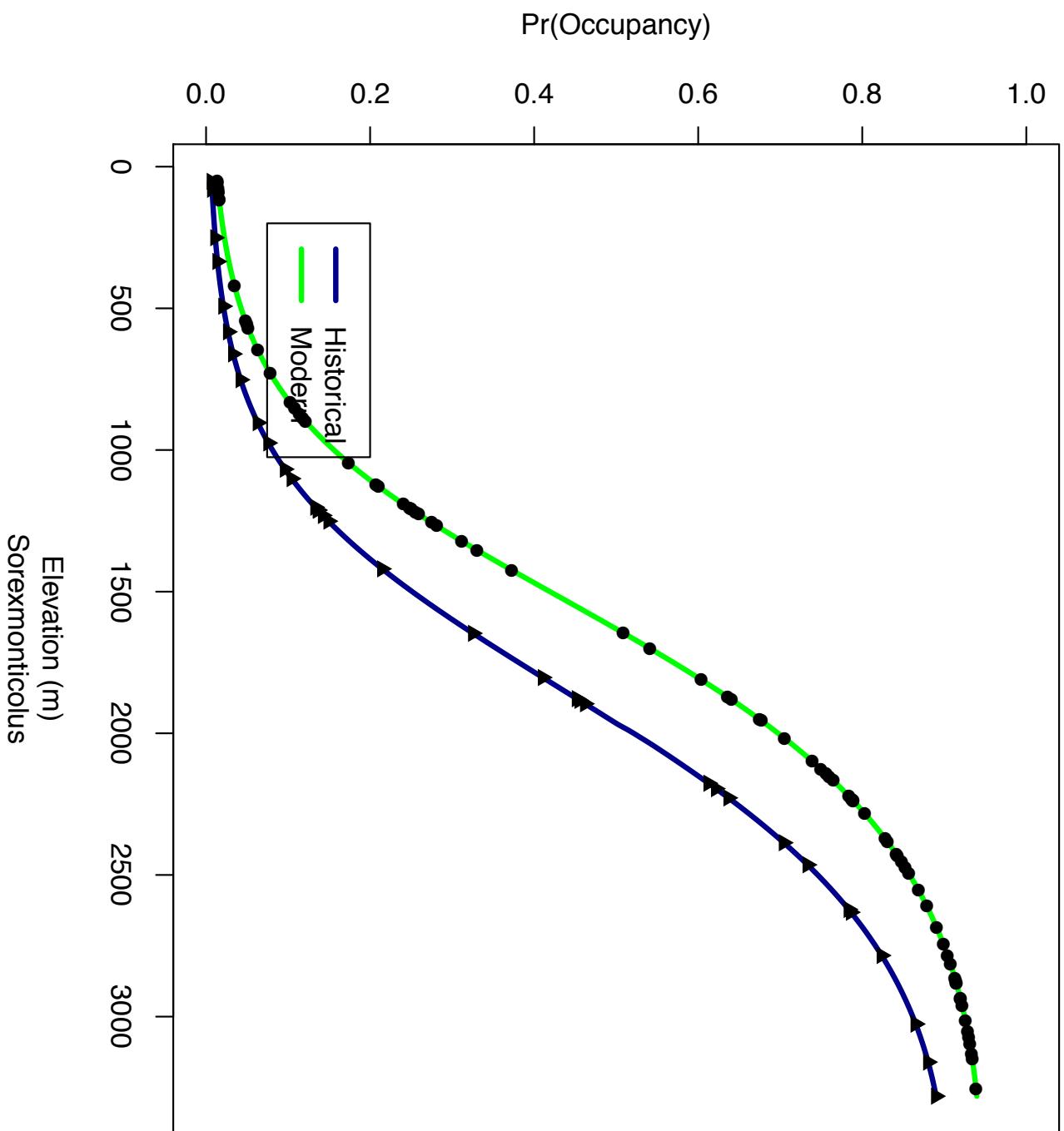




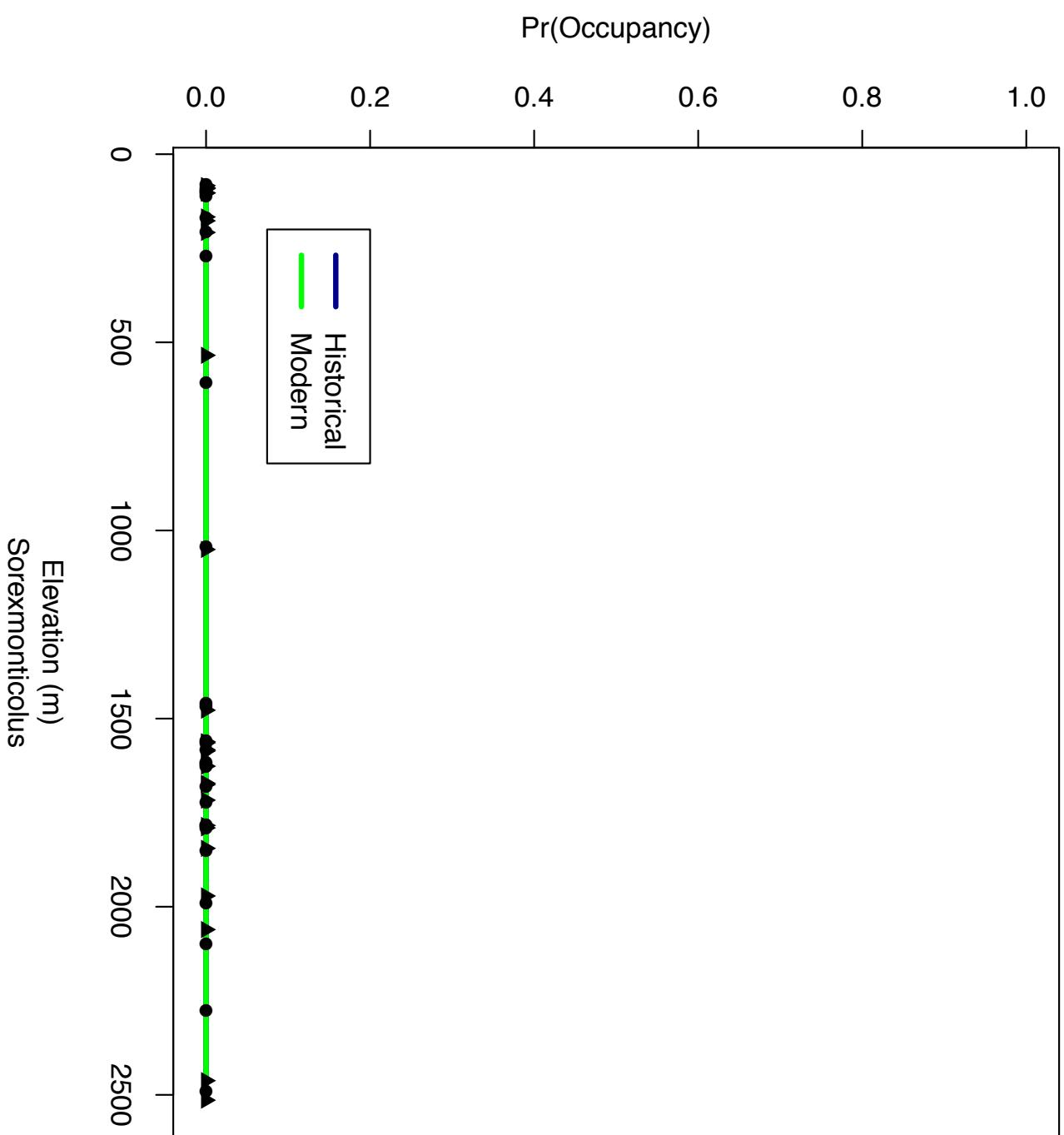
**Sequoia**



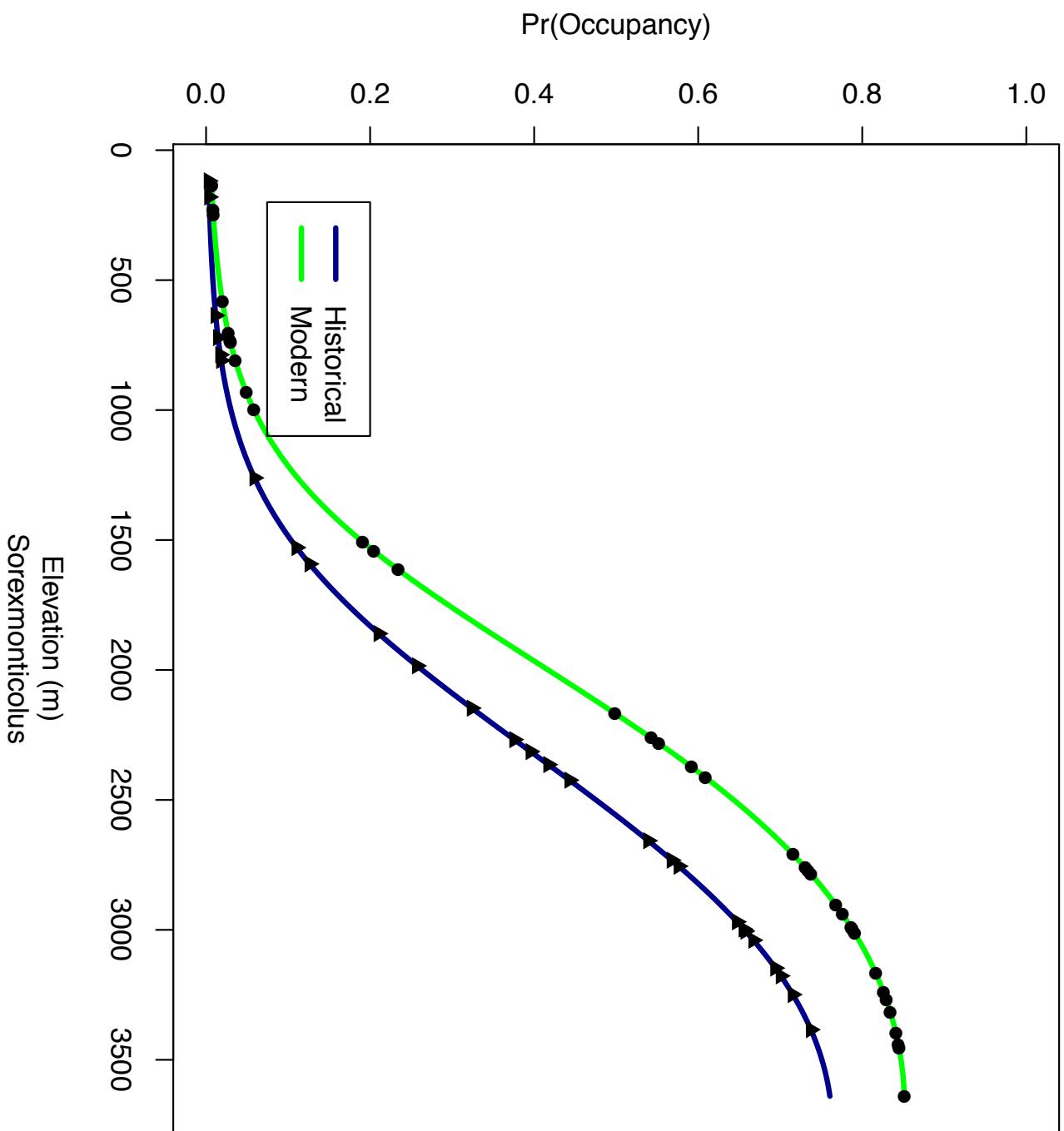
# Yosemite



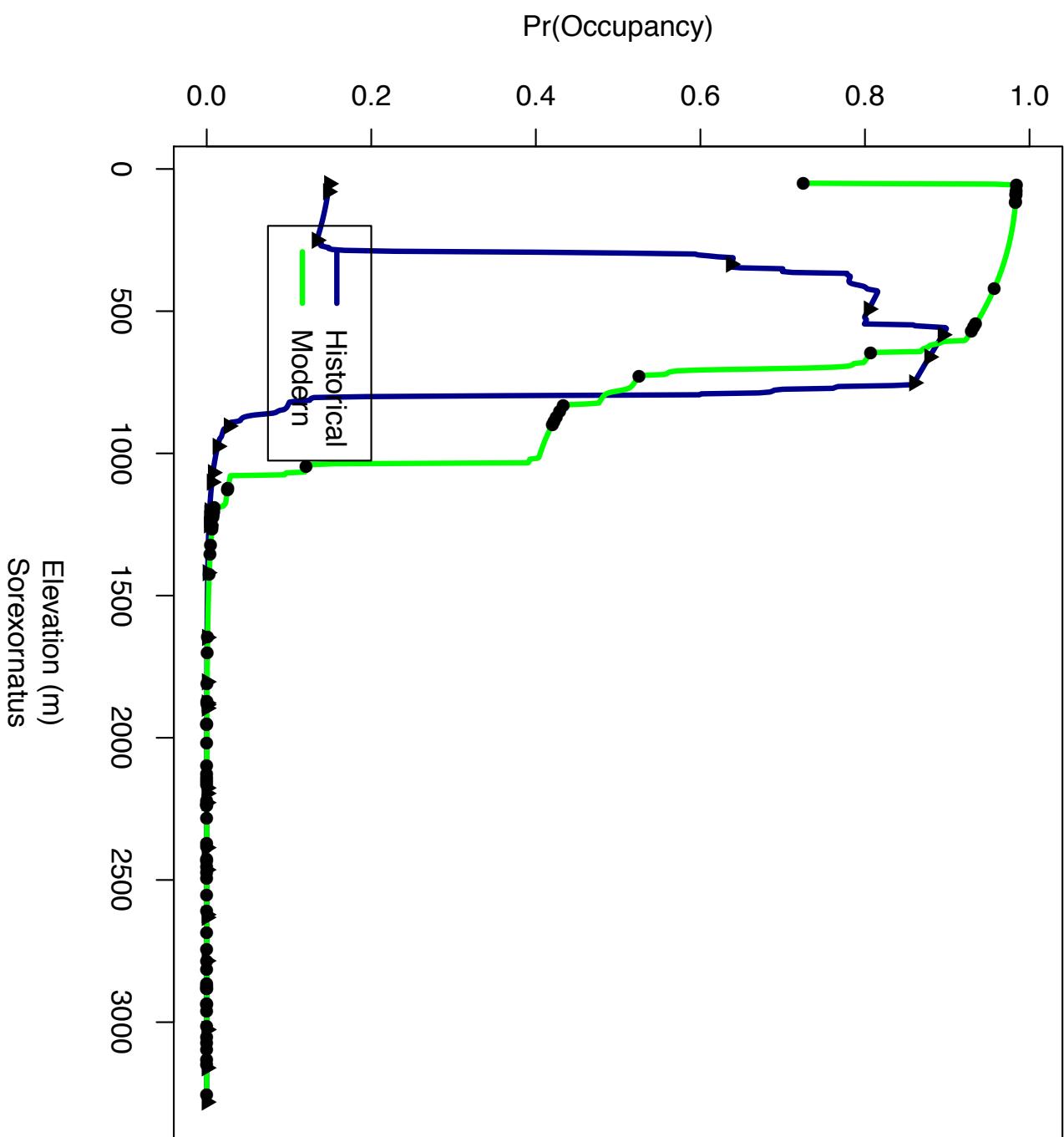
Lassen



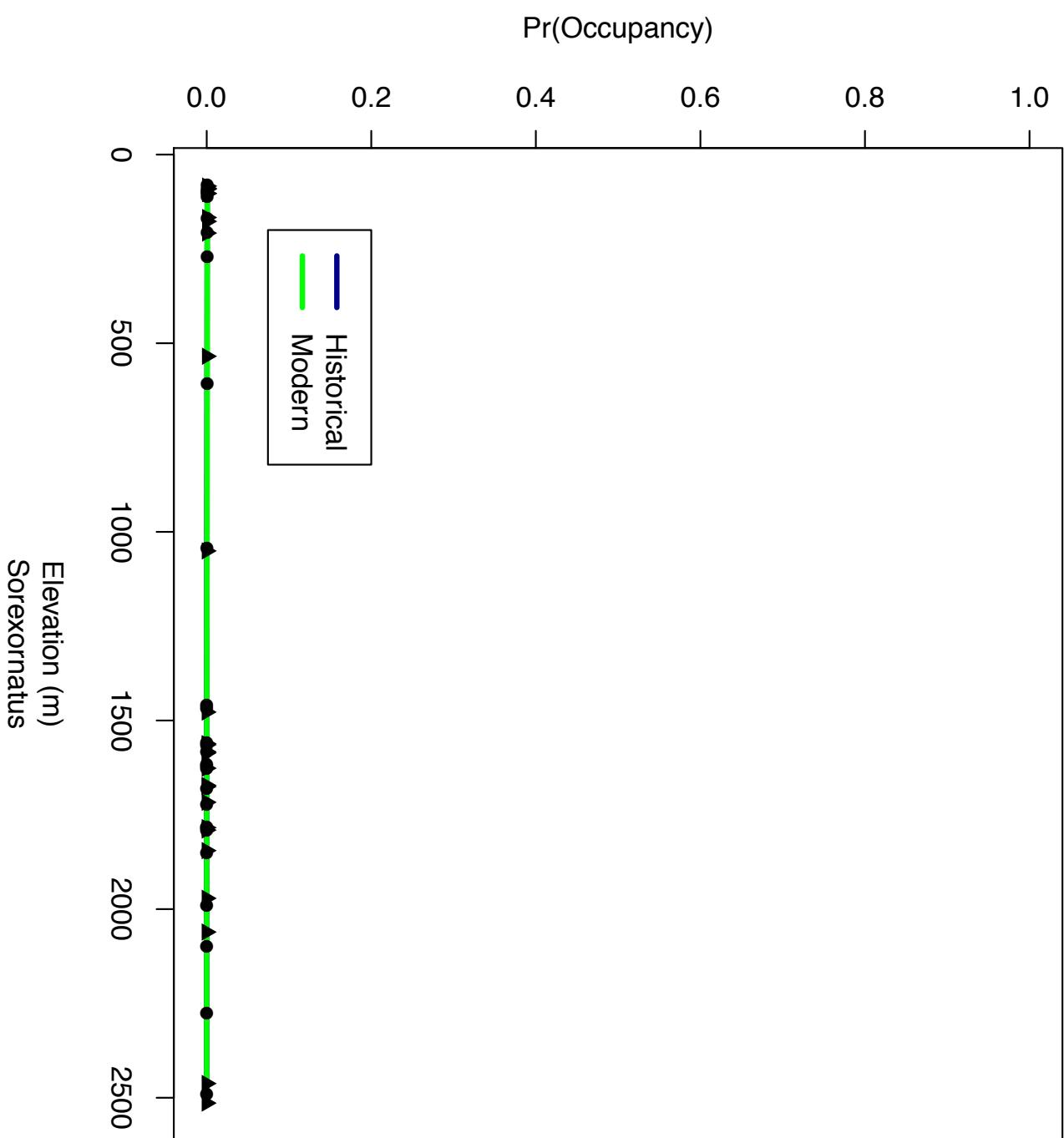
## **Sequoia**



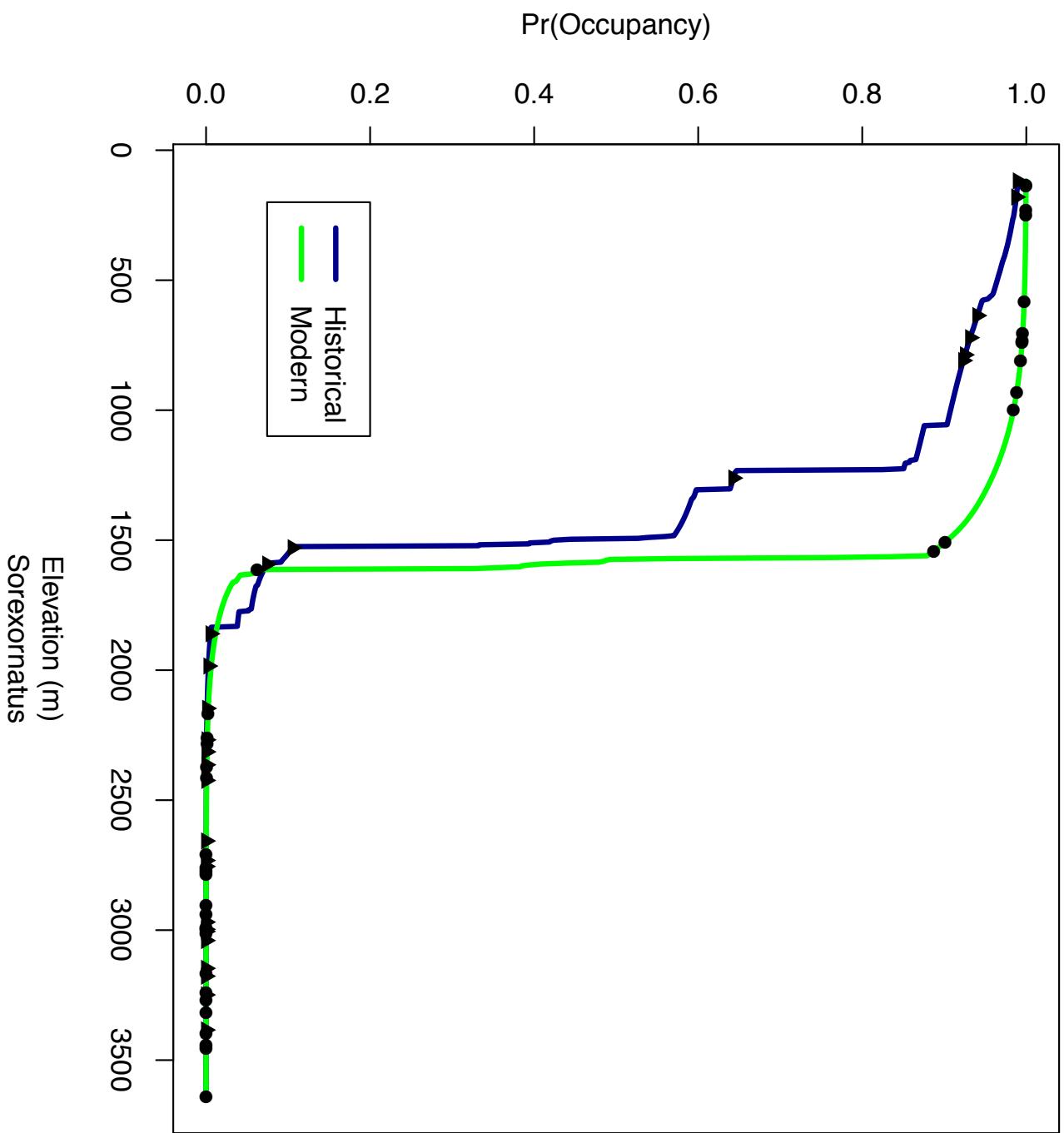
# **Yosemite**



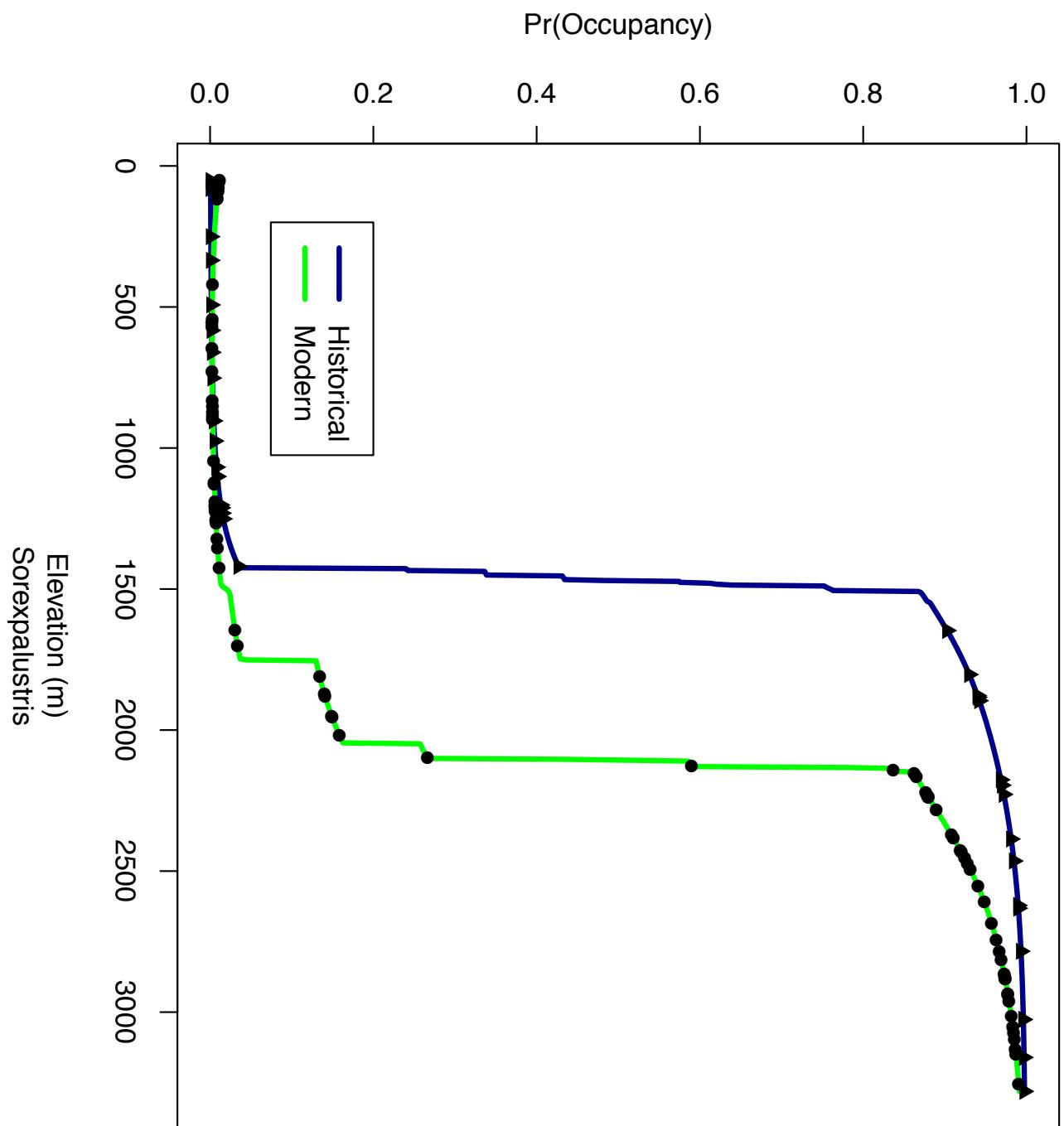
Lassen



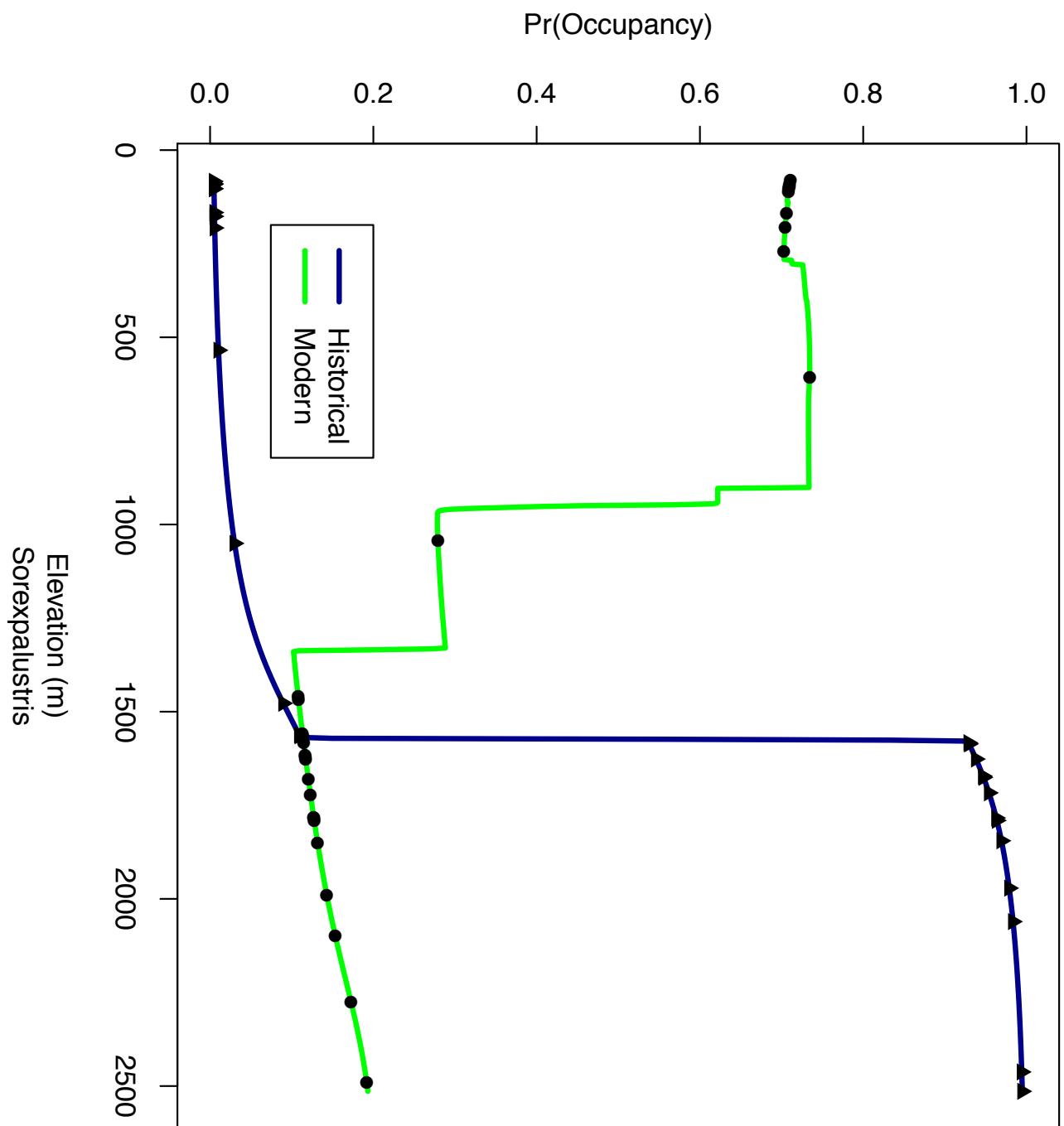
**Sequoia**



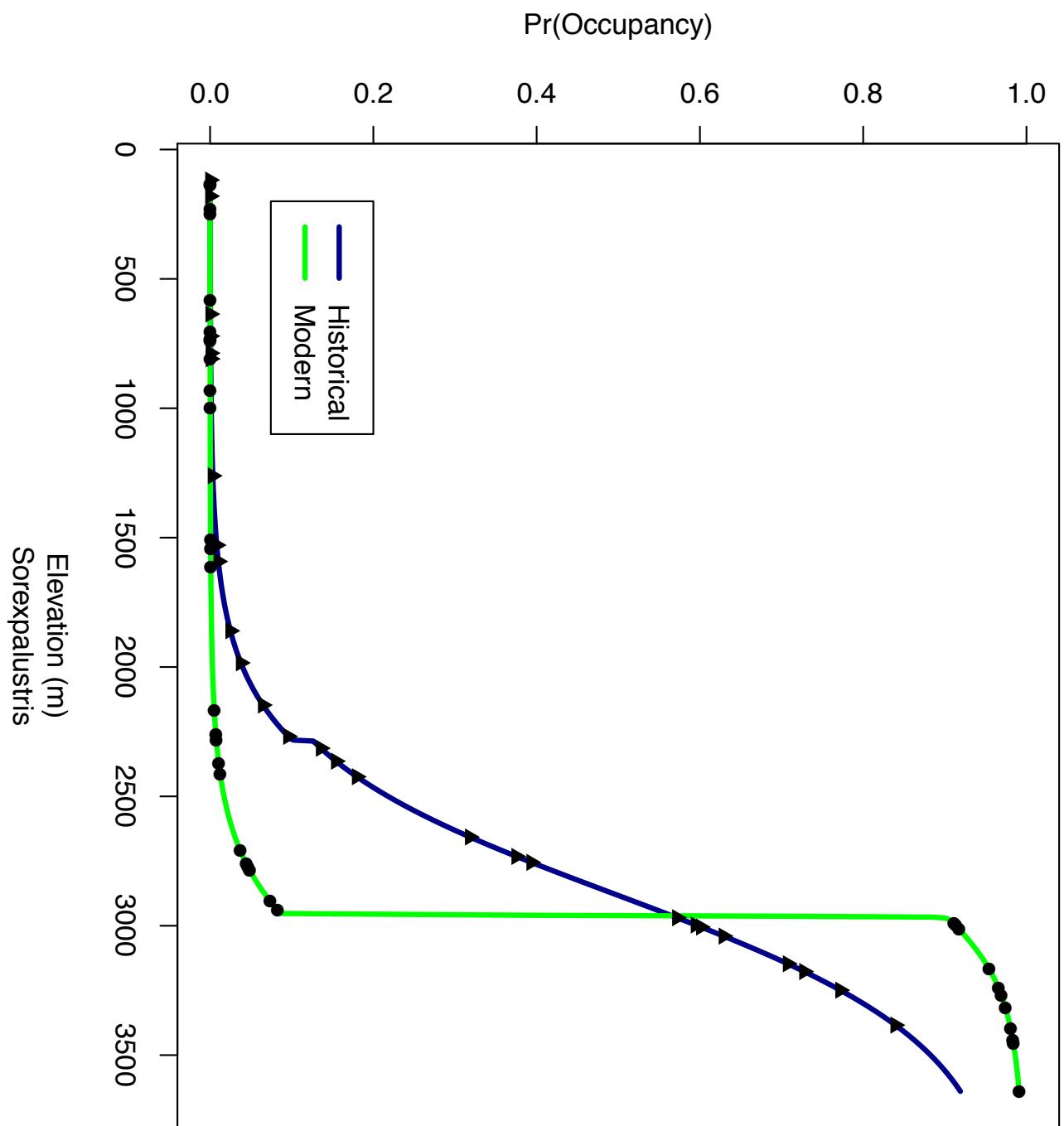
# Yosemite



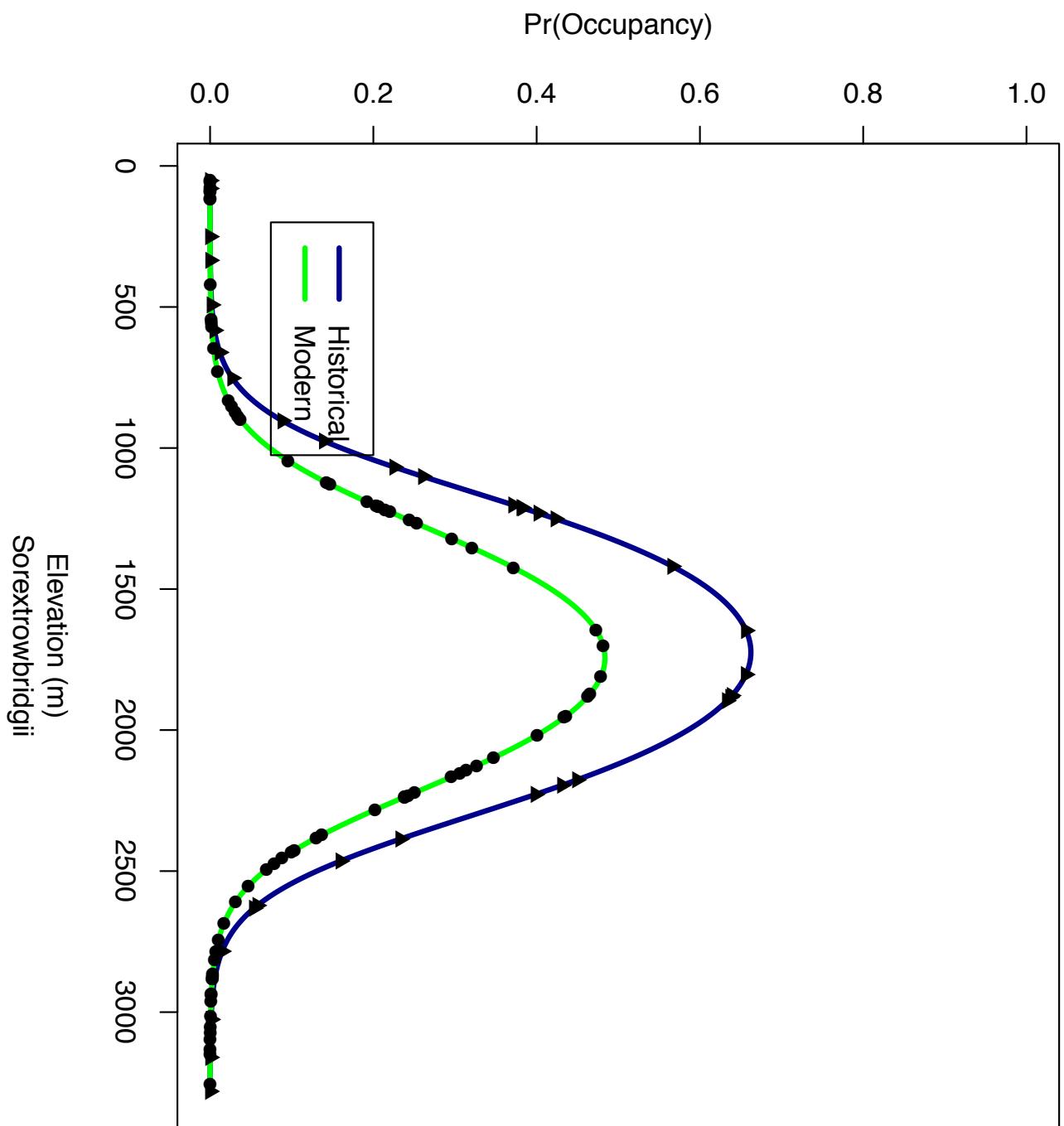
Lassen



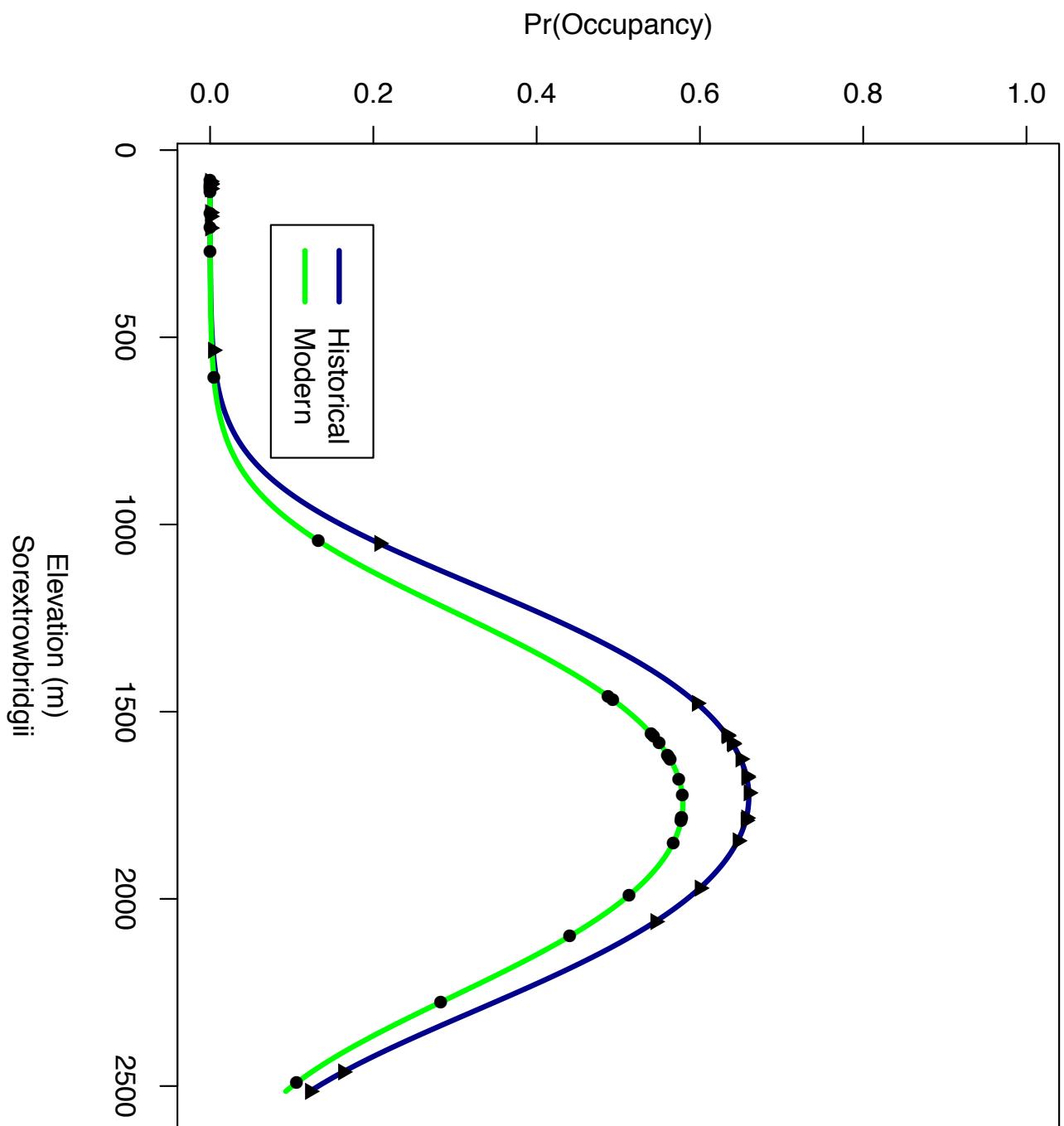
## Sequoia



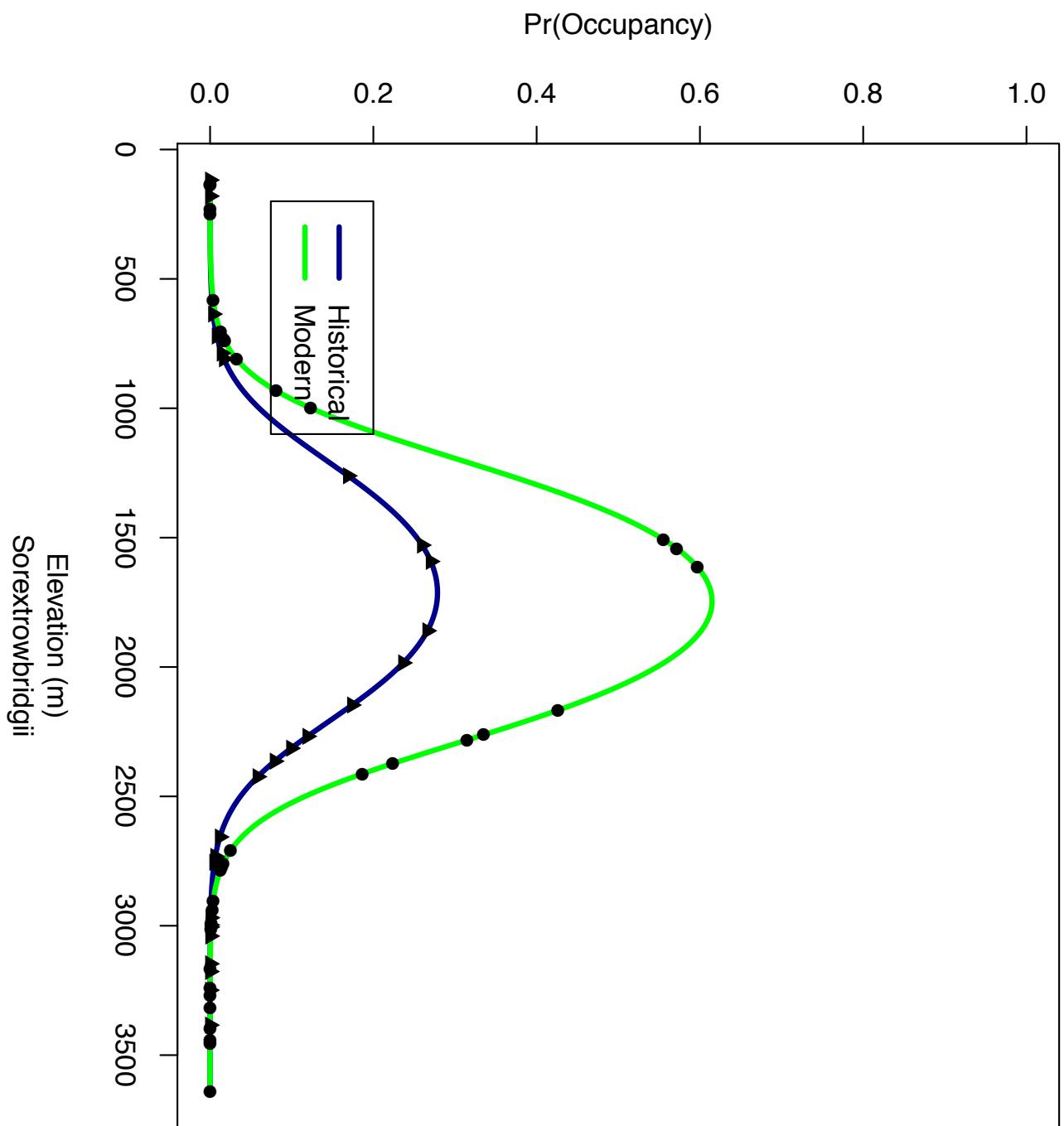
# Yosemite



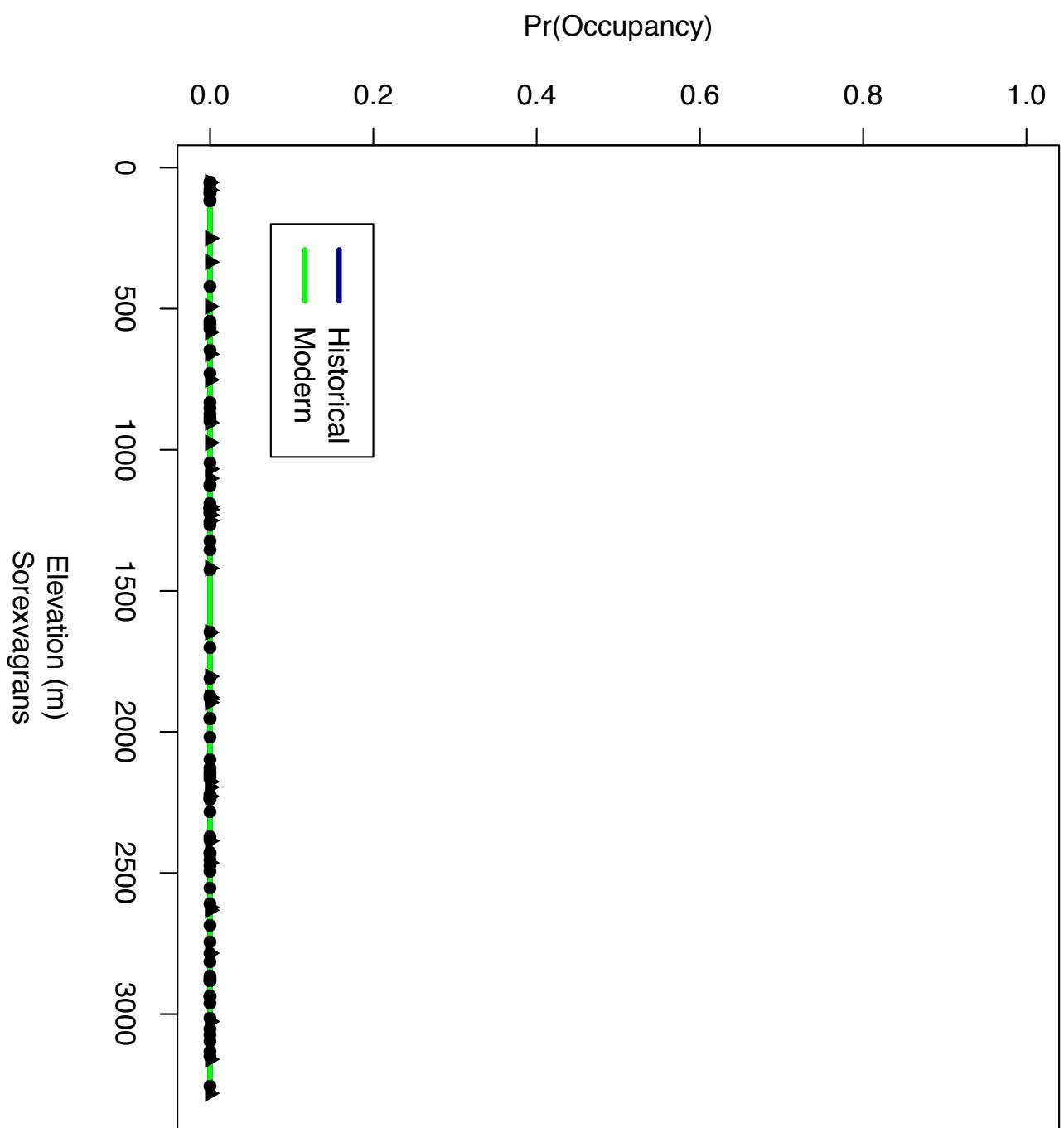
Lassen



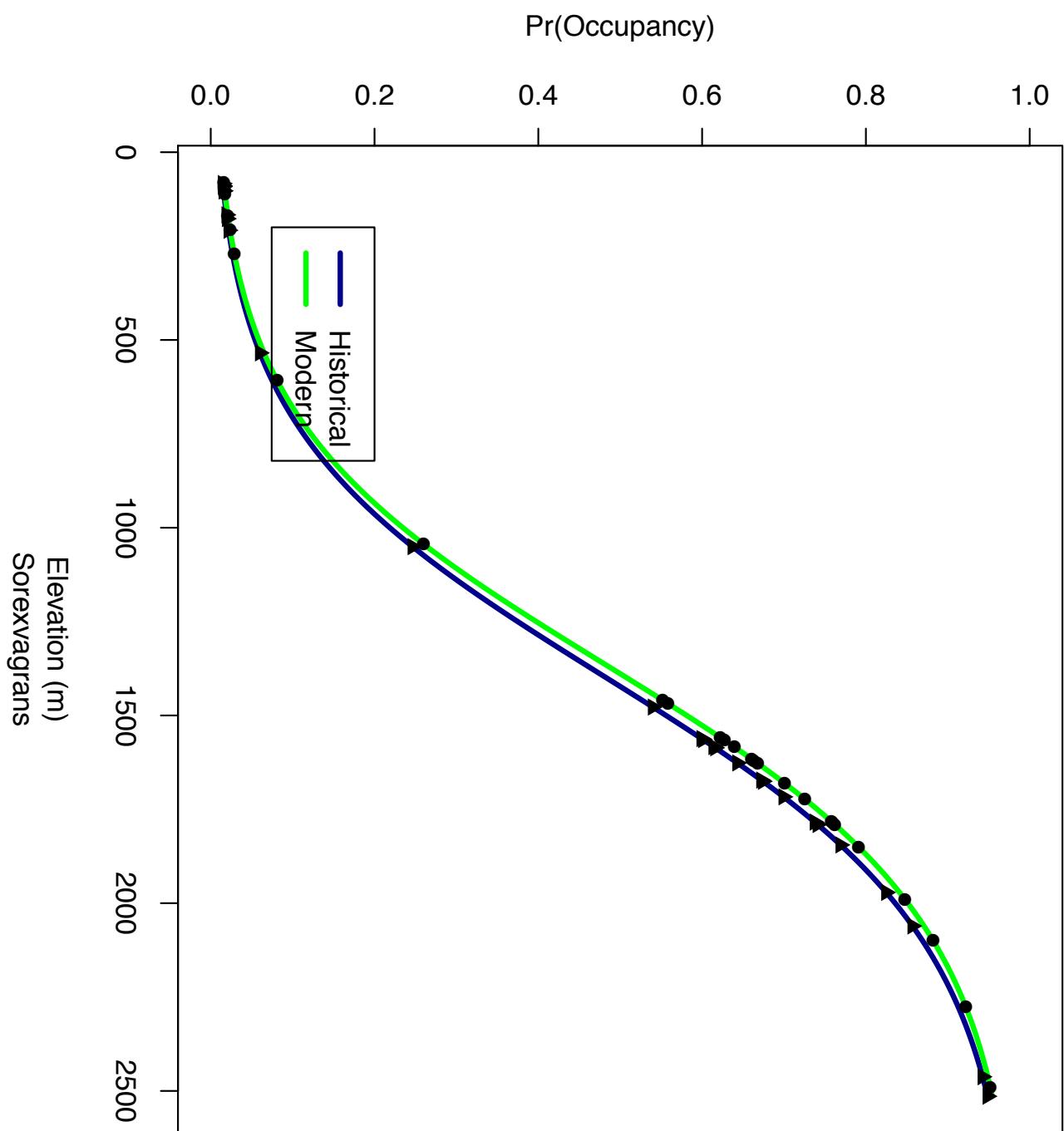
# Sequoia



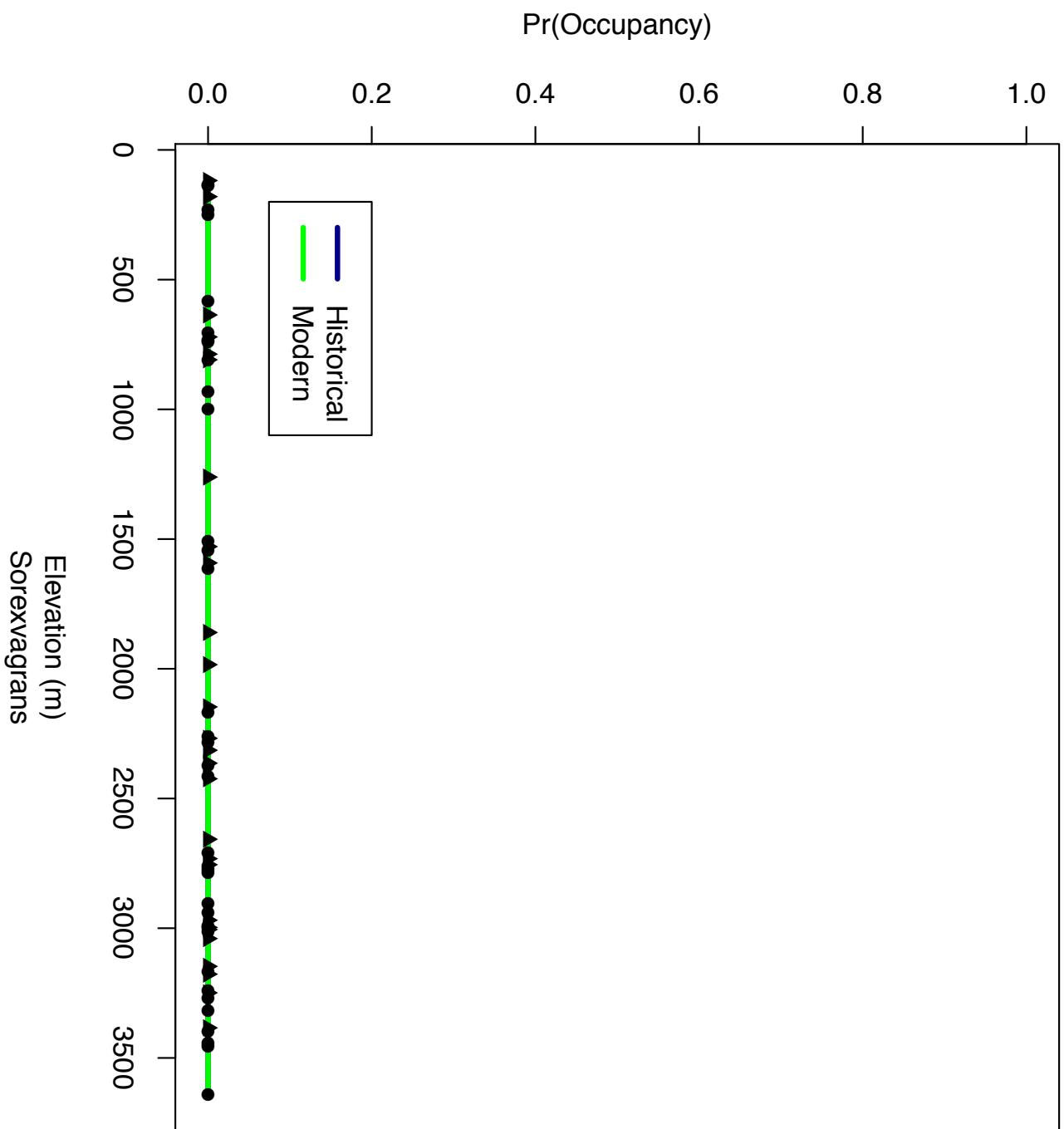
# **Yosemite**

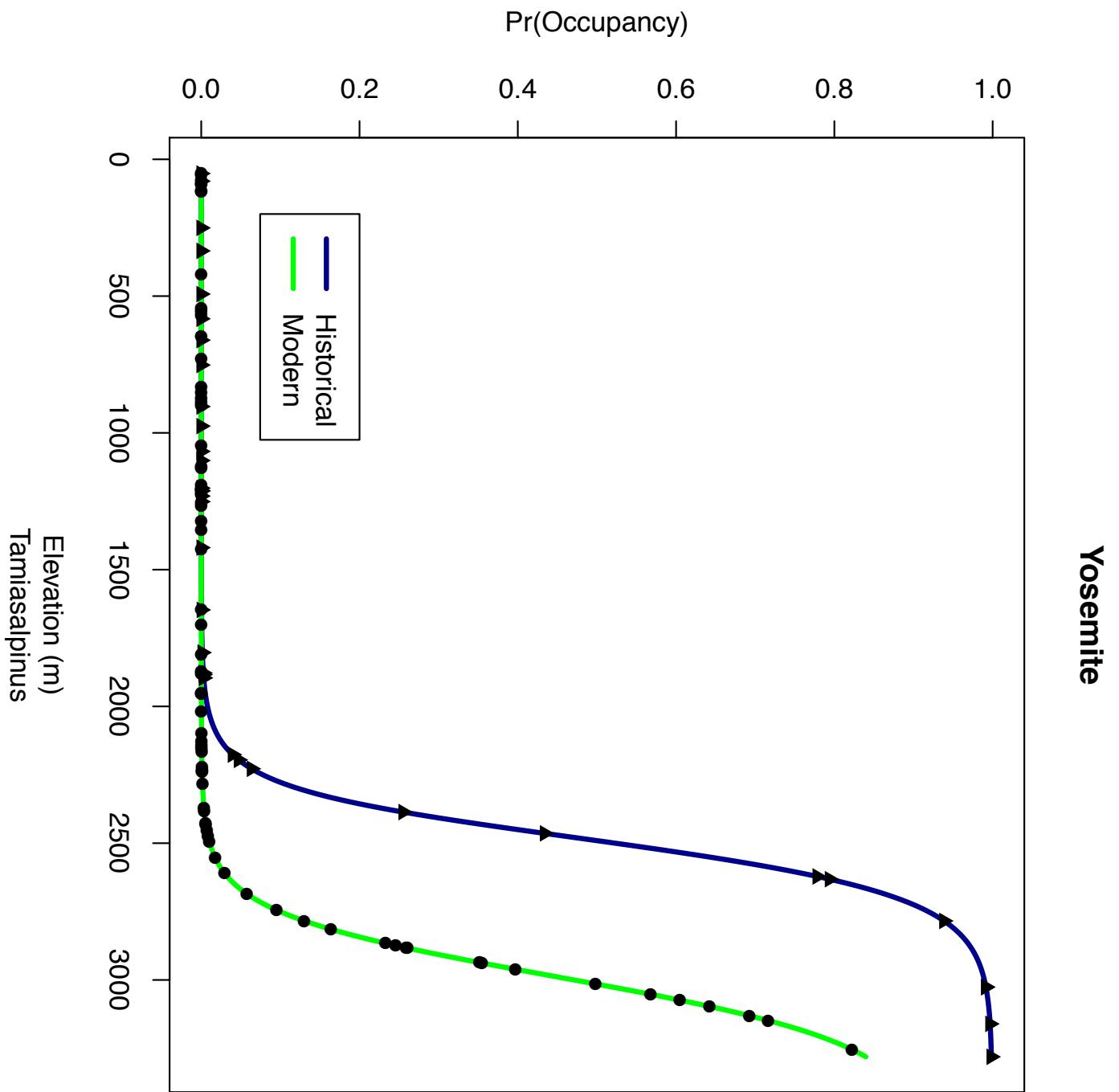


Lassen

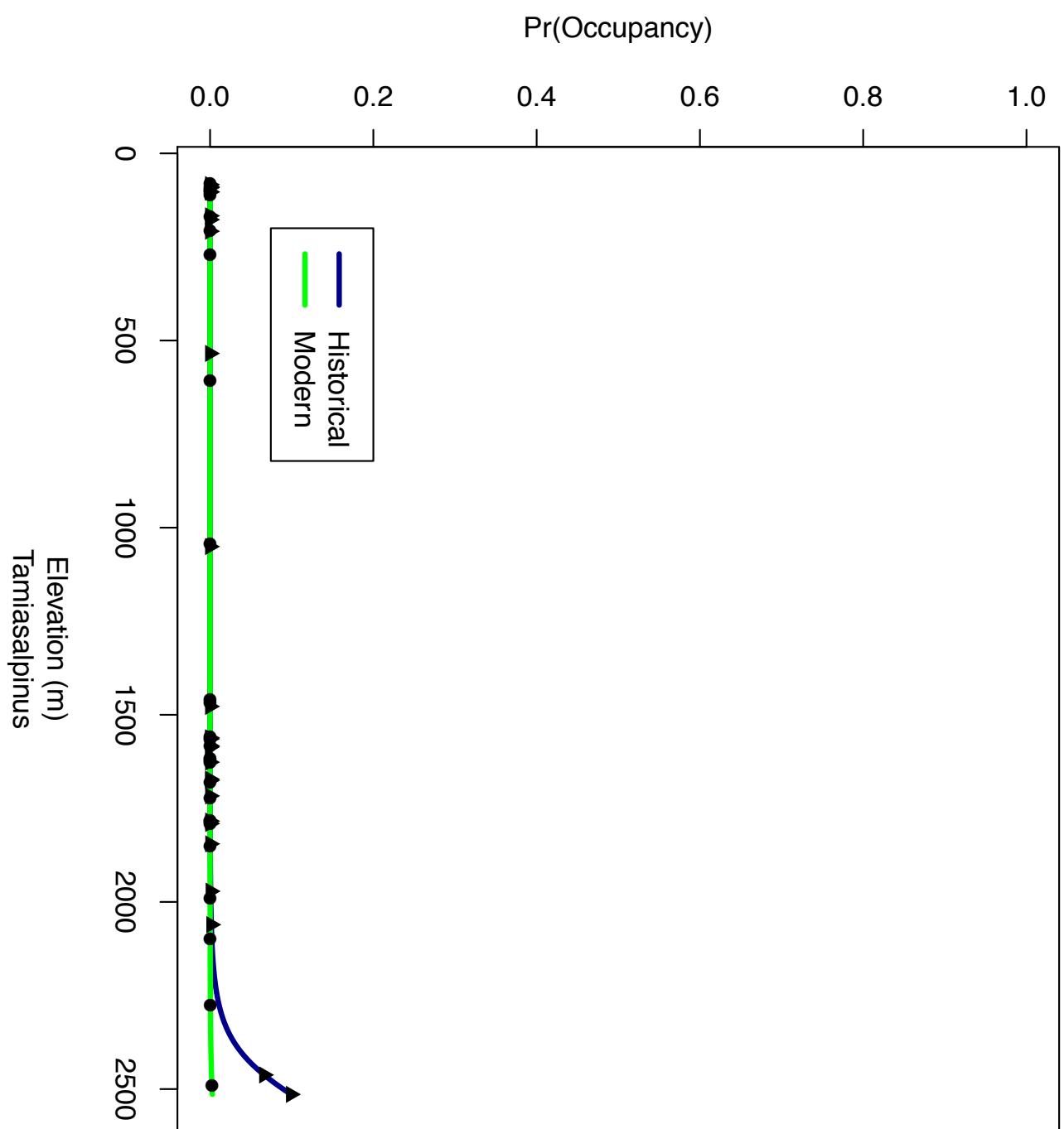


## **Sequoia**

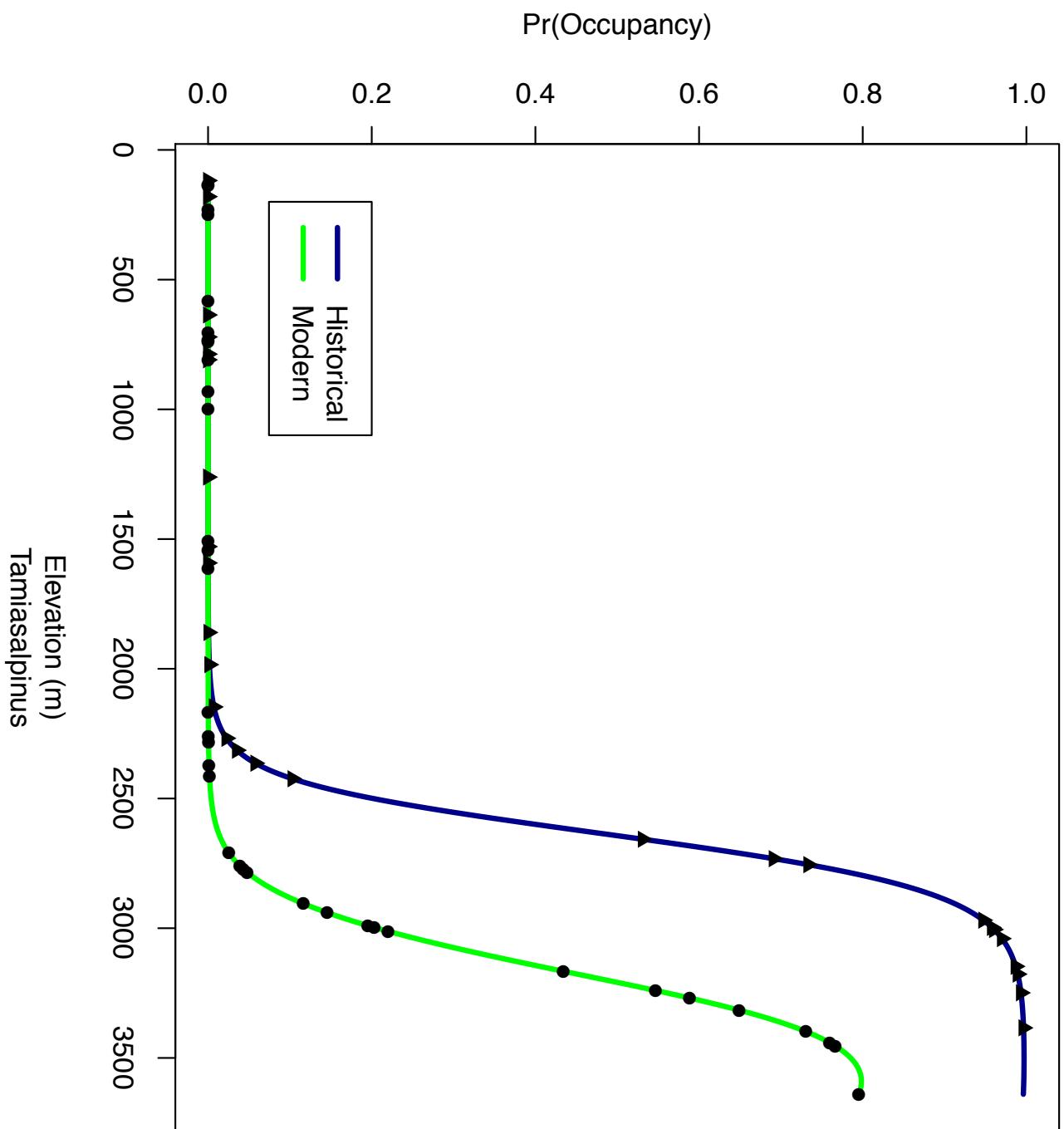




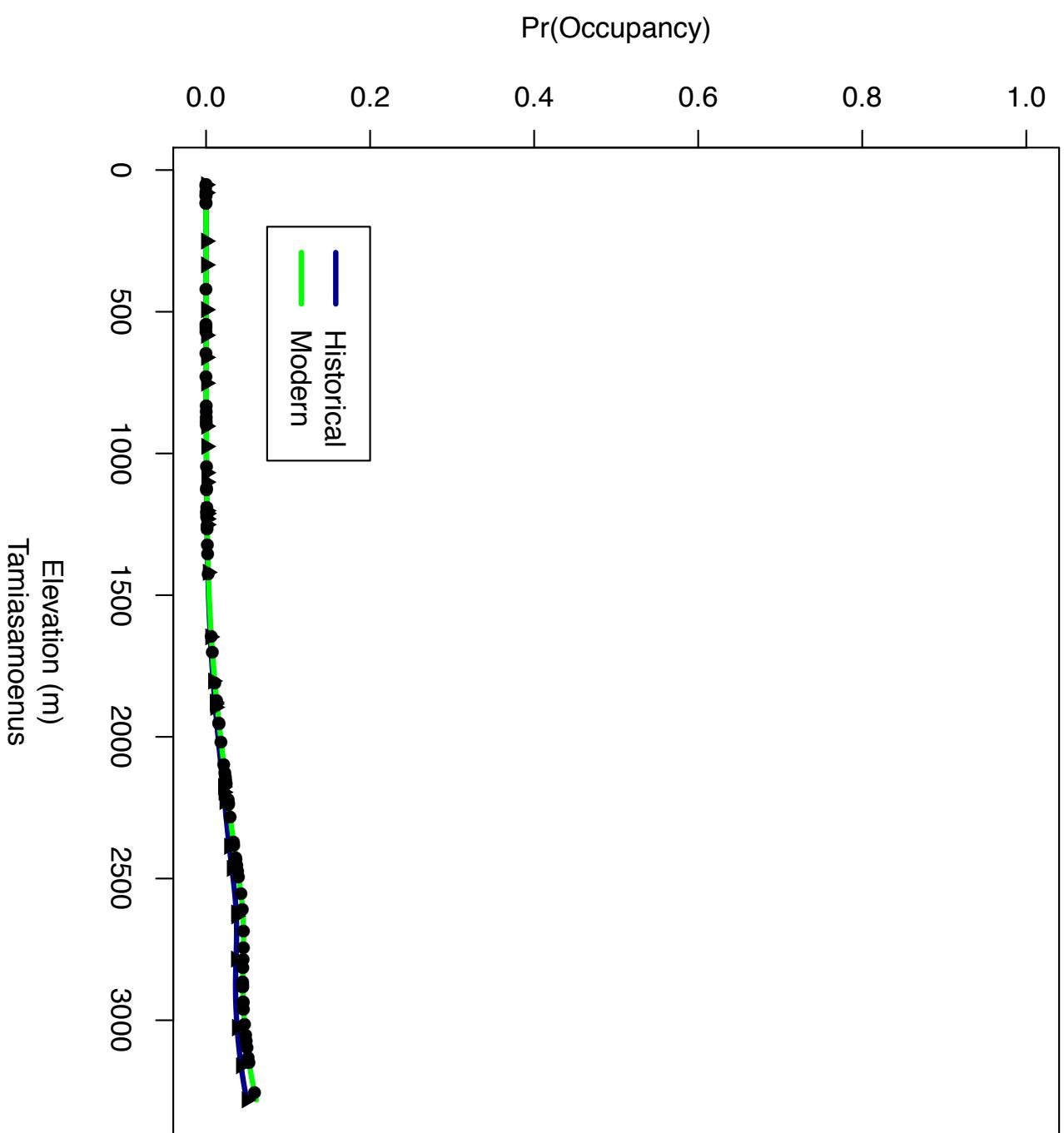
Lassen



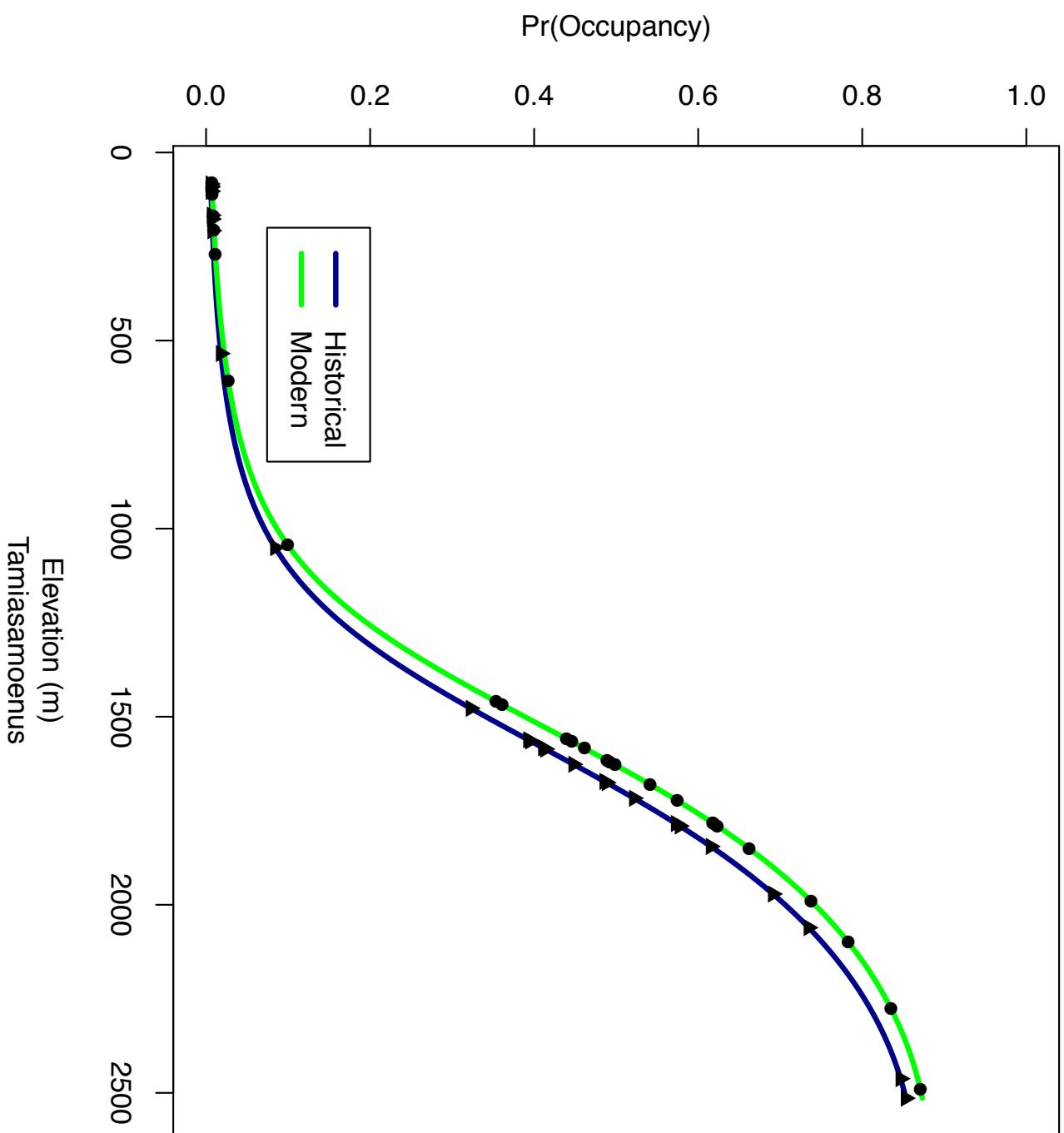
# **Sequoia**



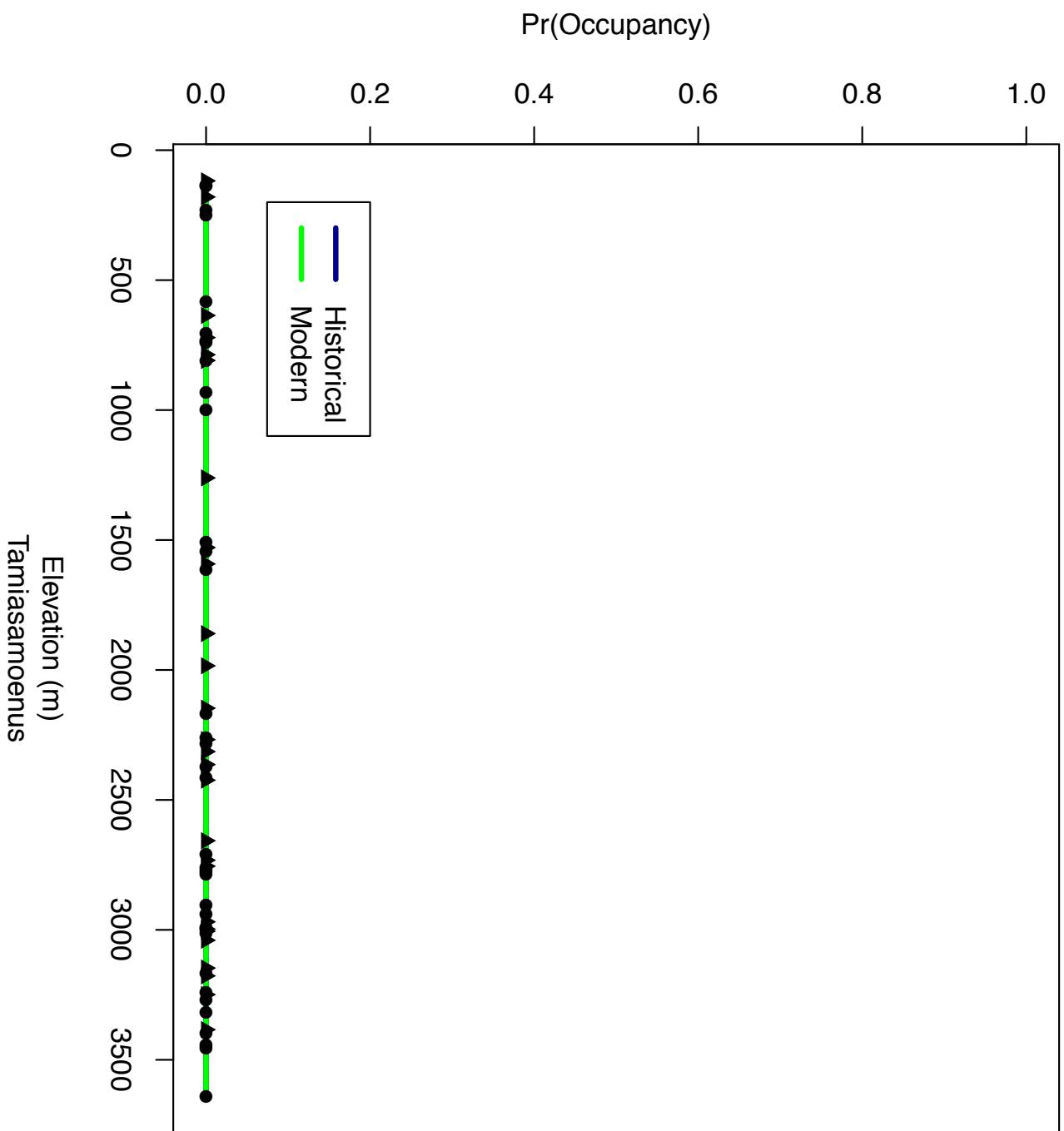
# **Yosemite**

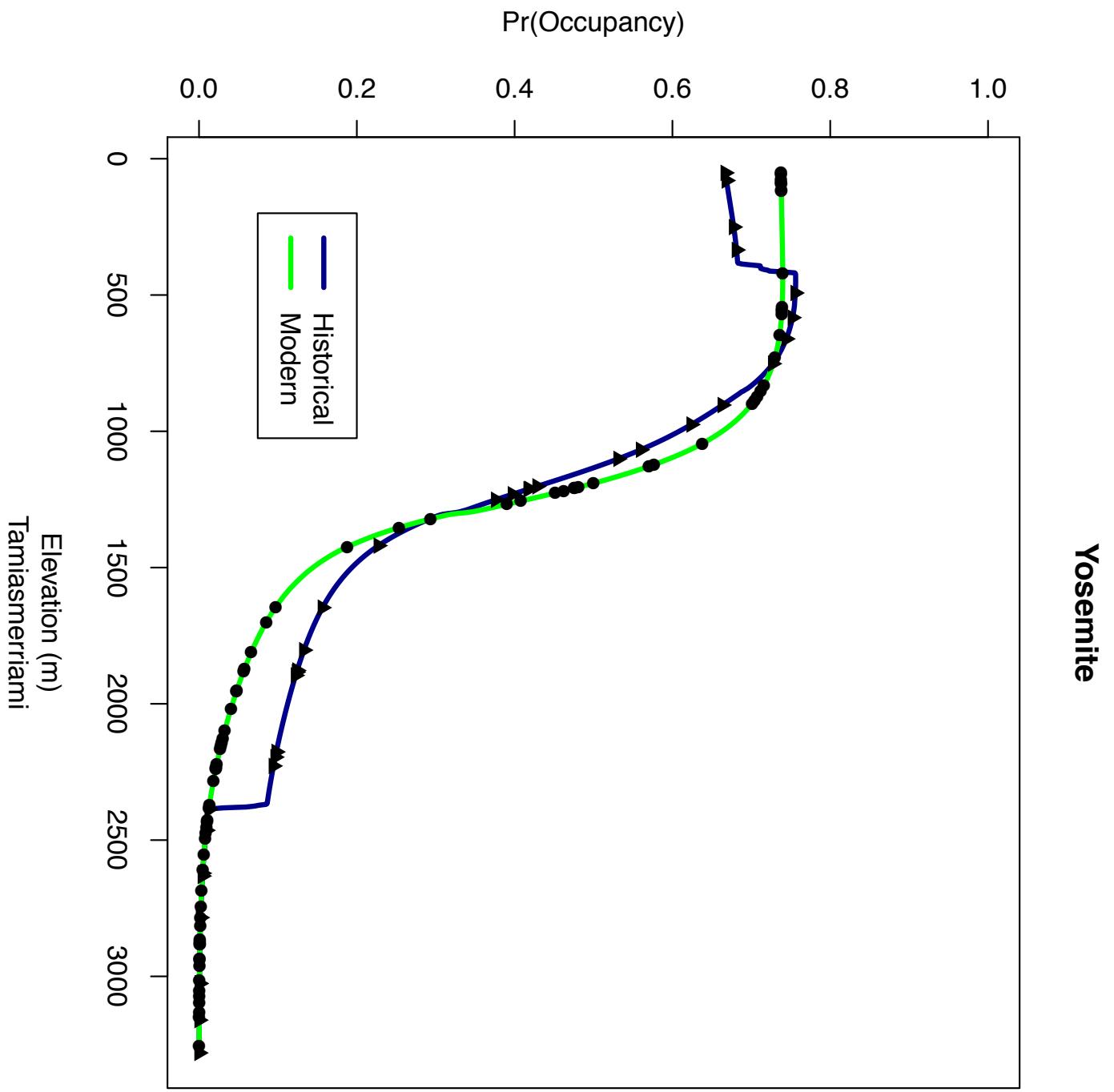


Lassen

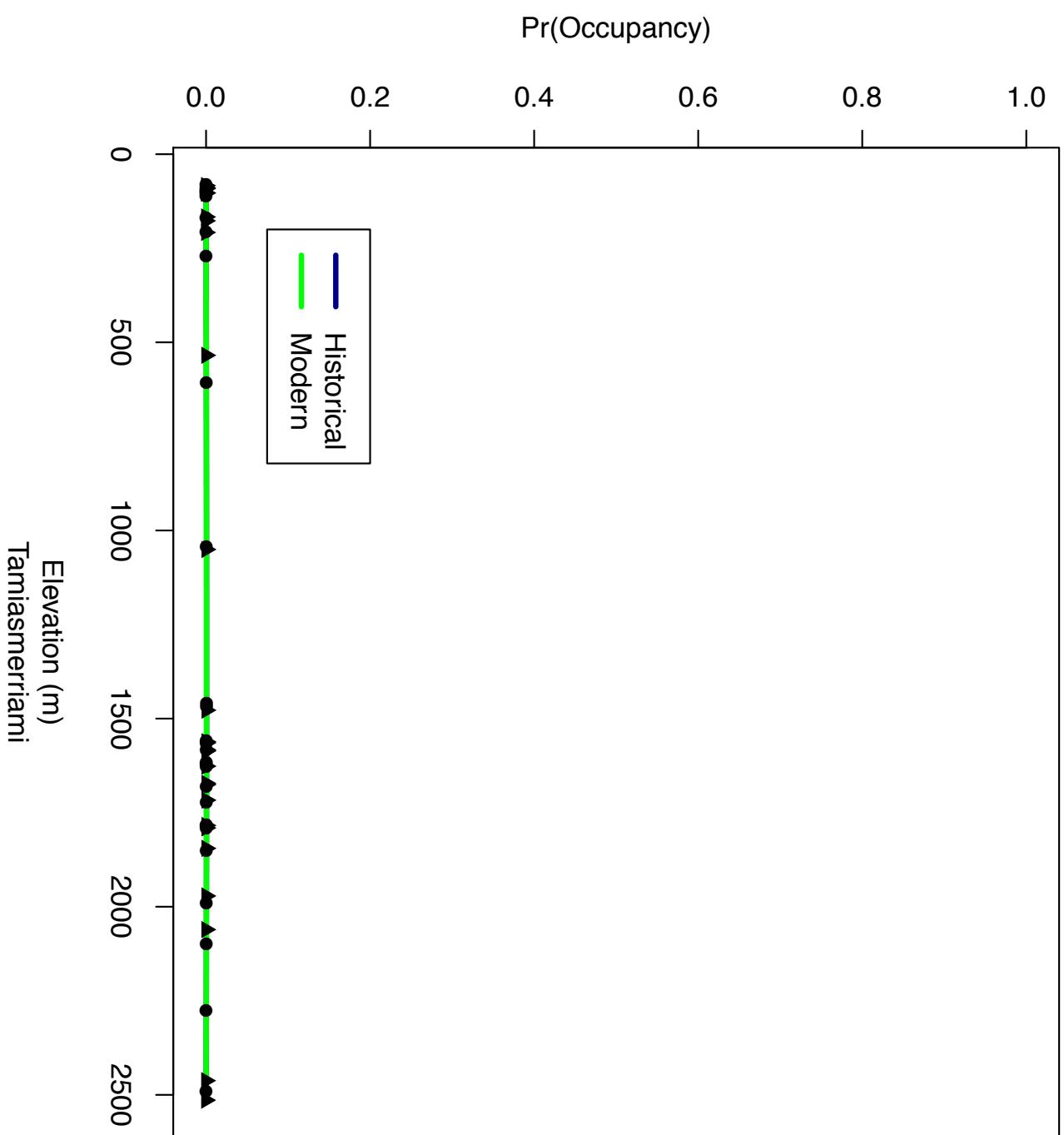


## **Sequoia**

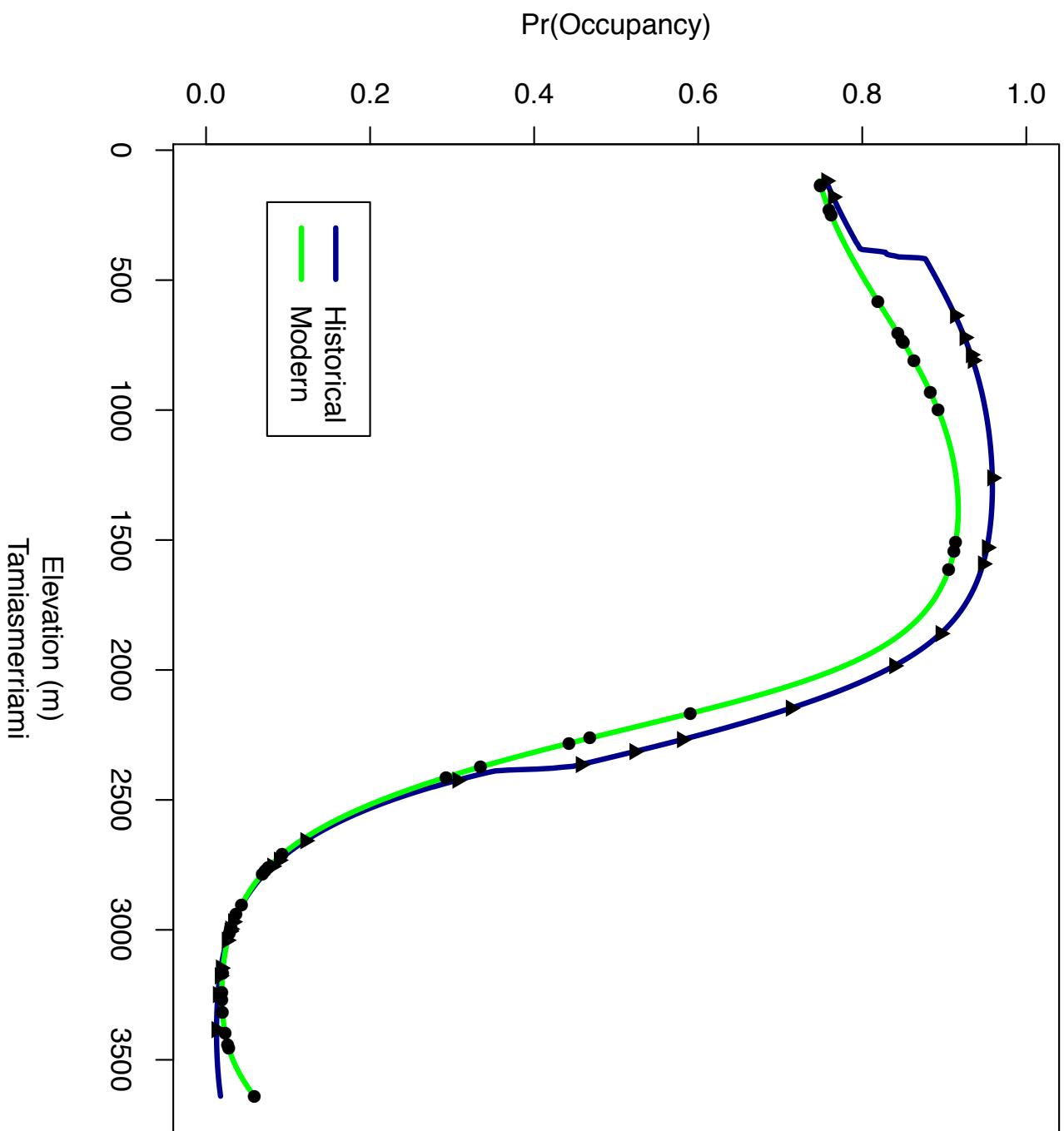




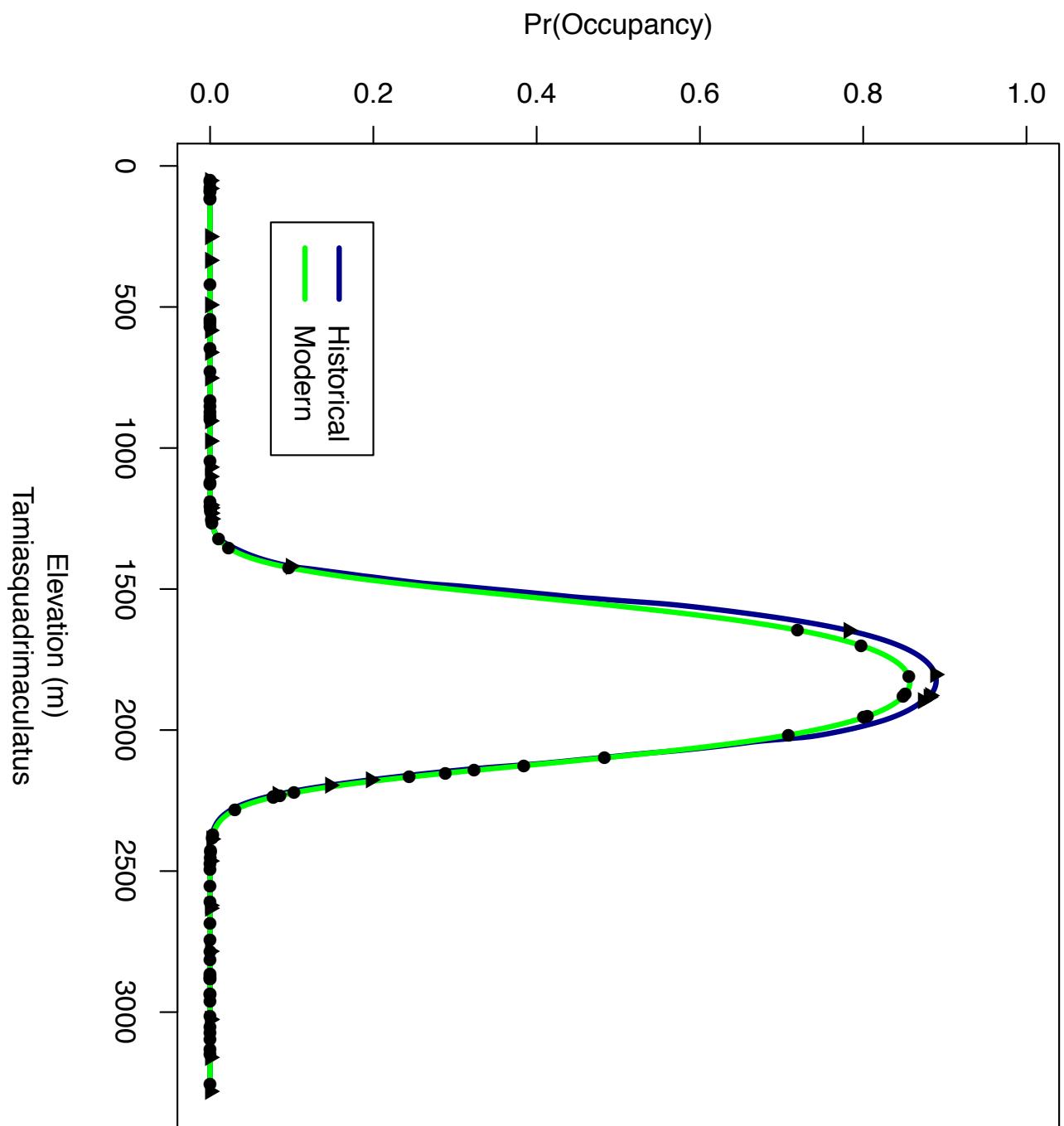
Lassen



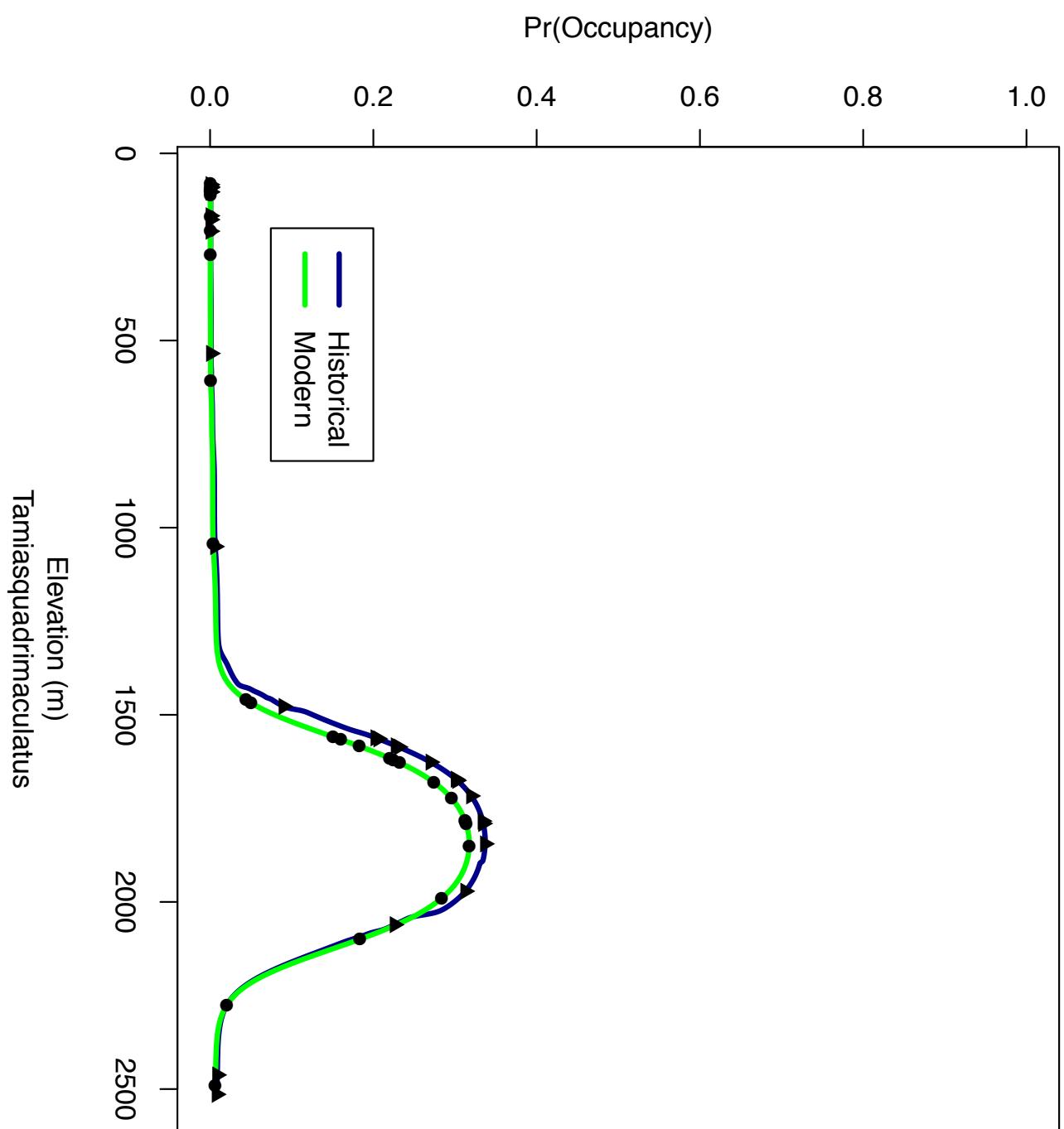
## Sequoia



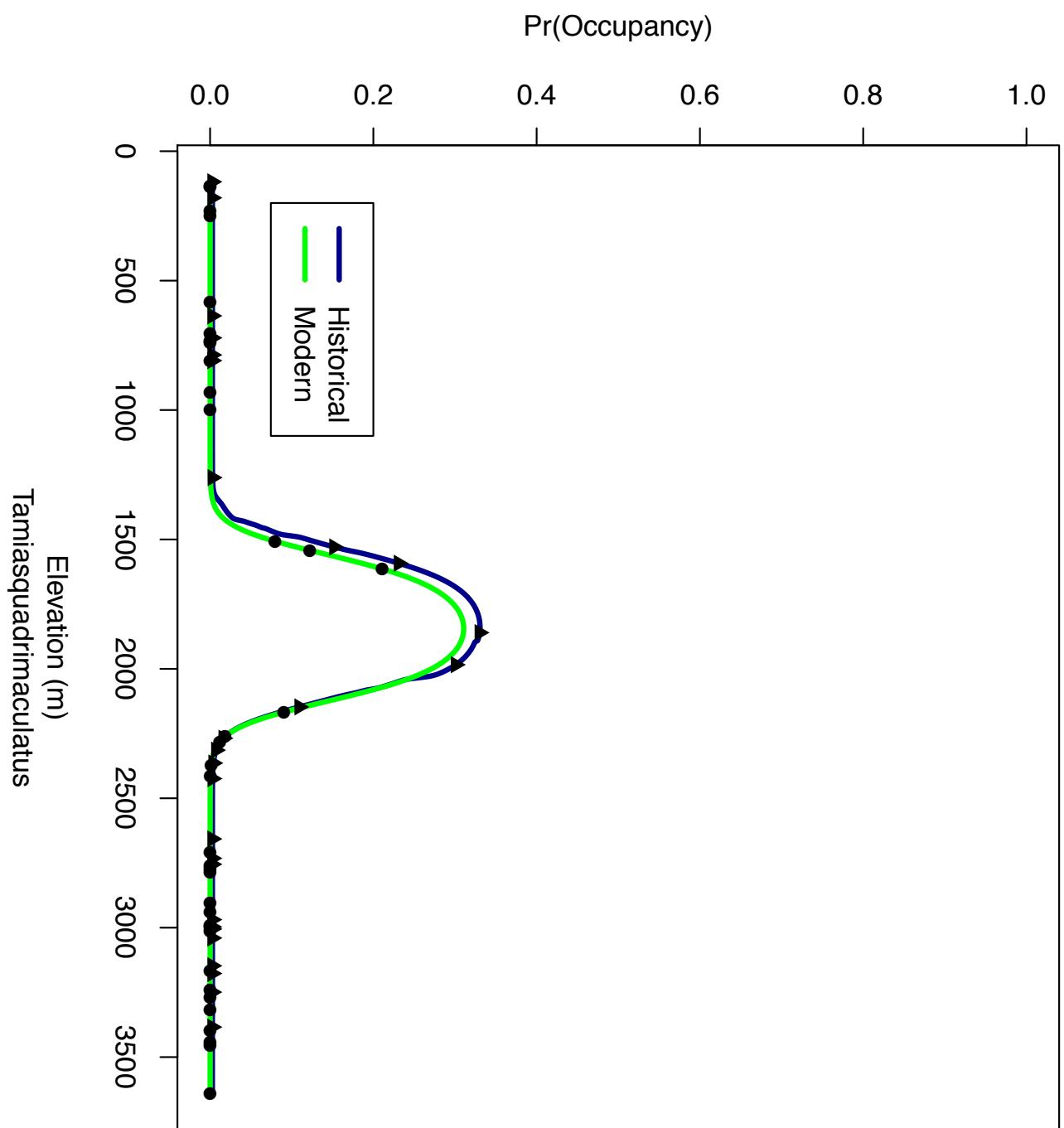
# Yosemite



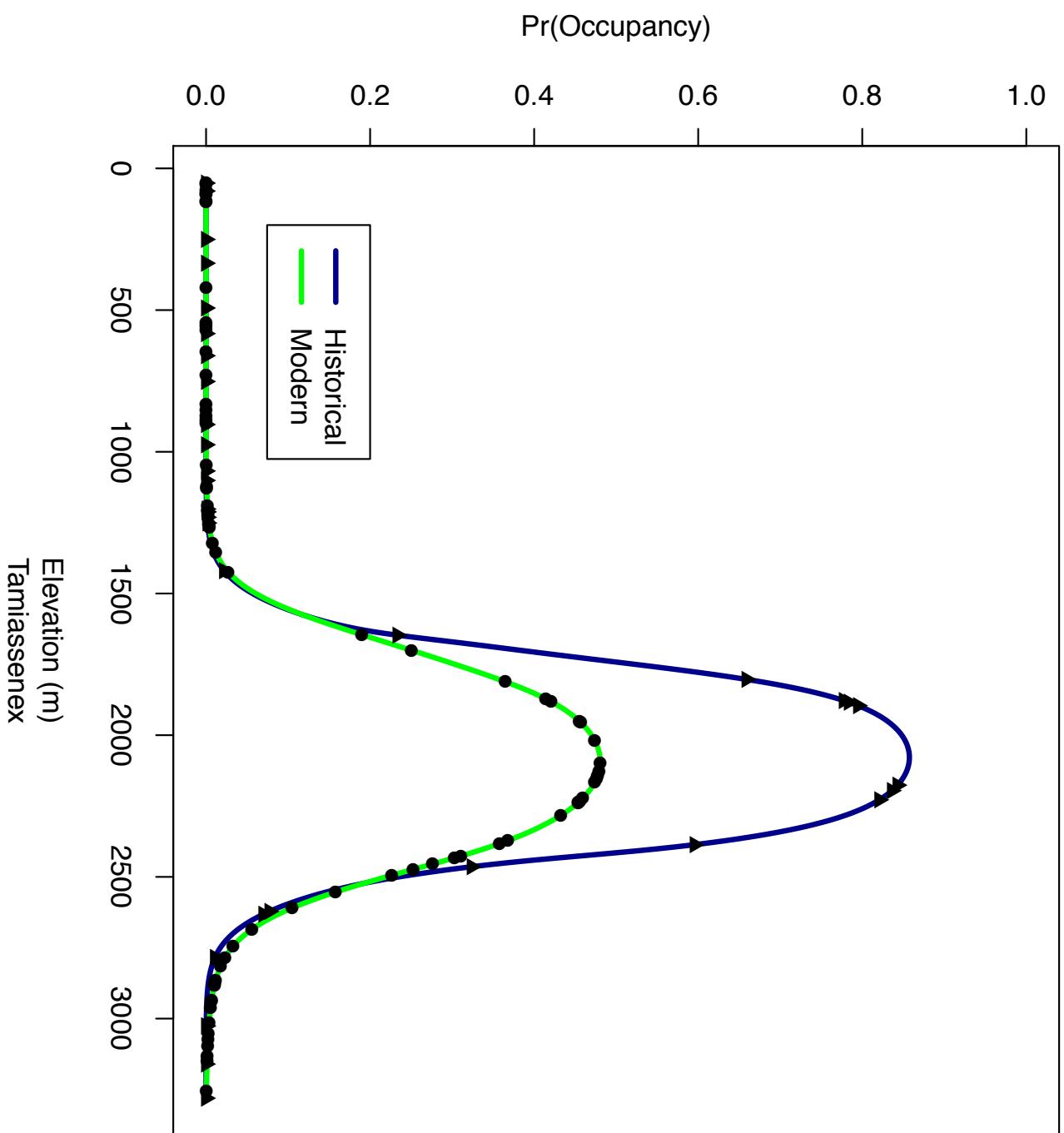
Lassen



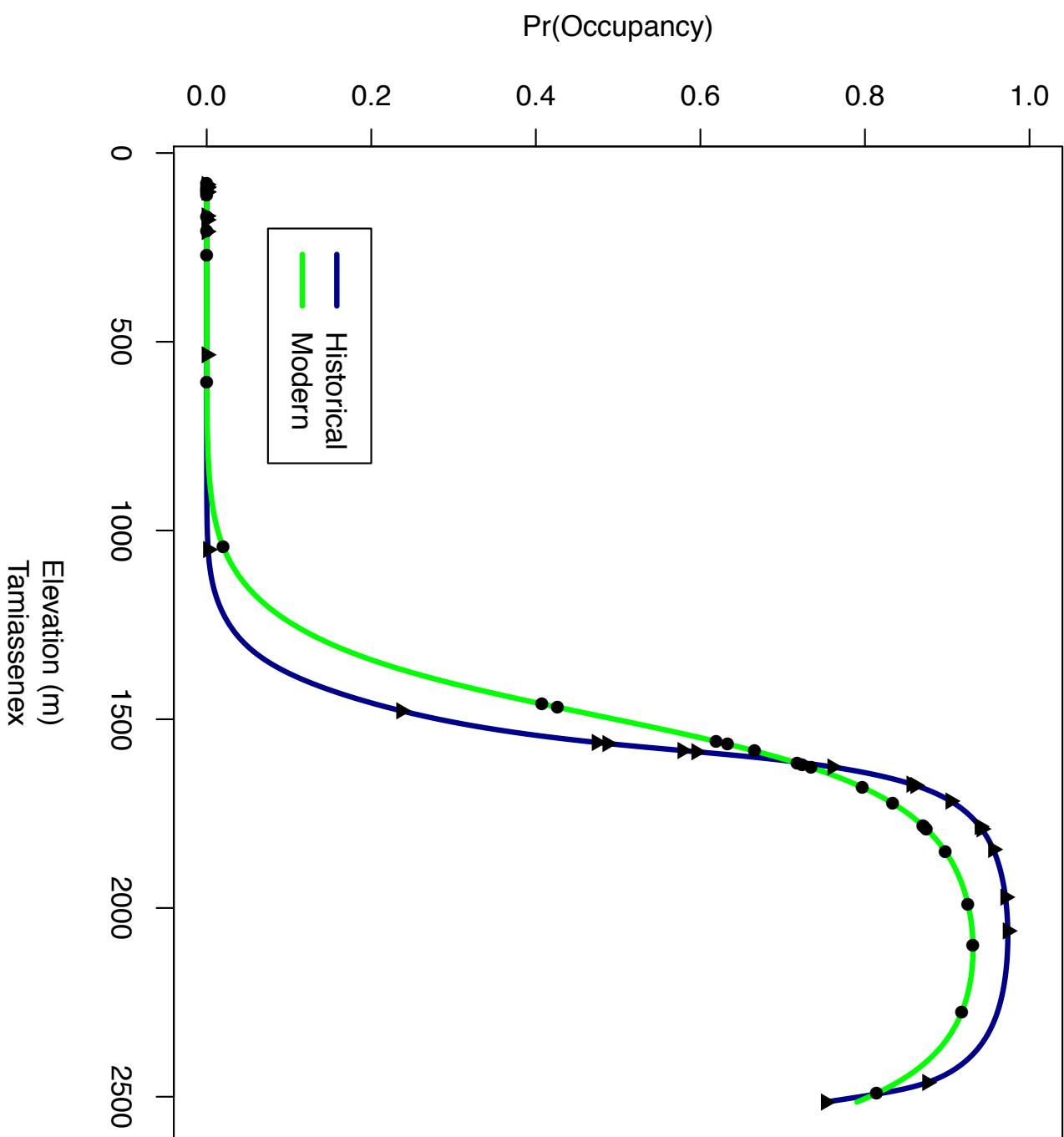
**Sequoia**



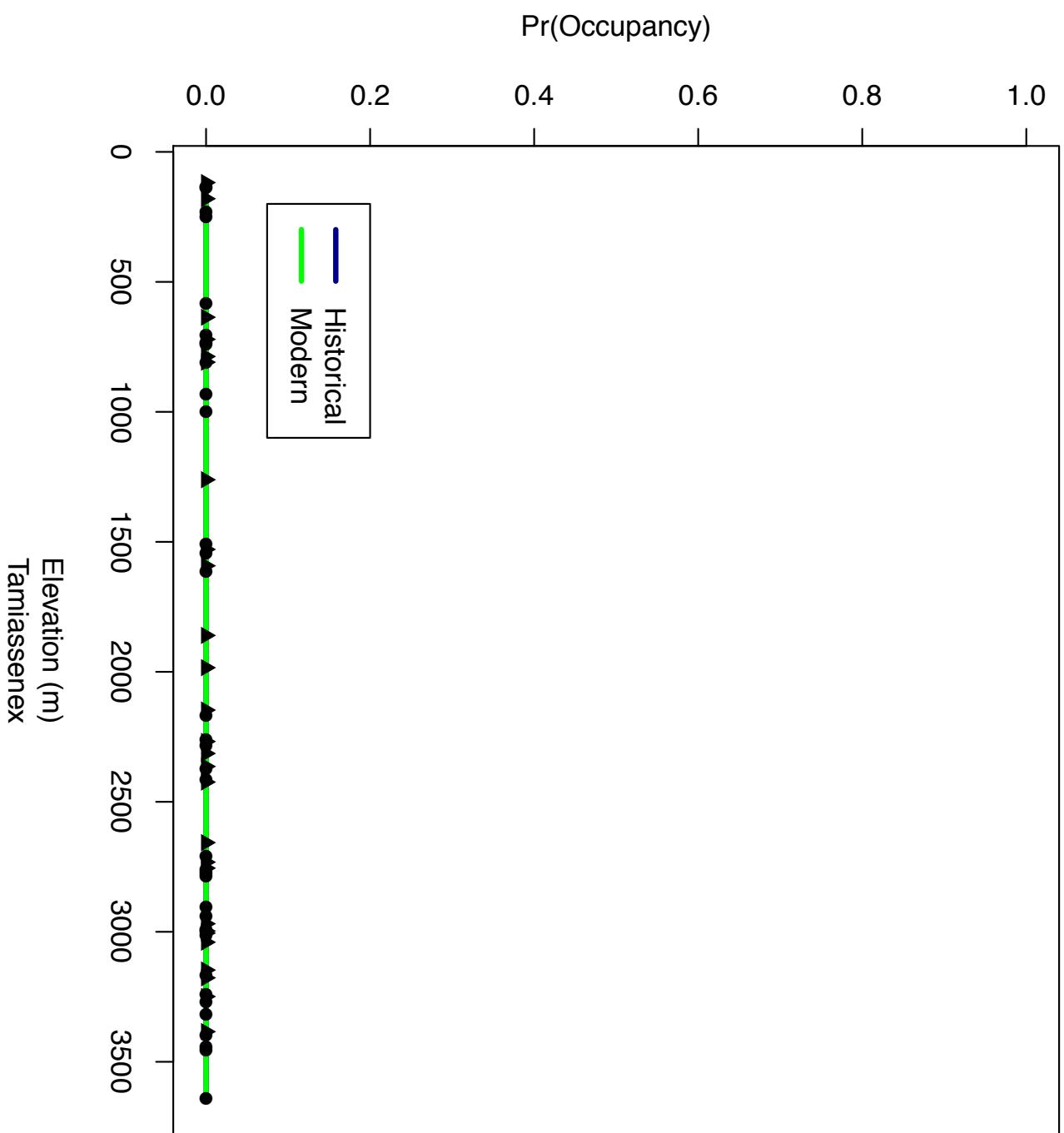
# Yosemite



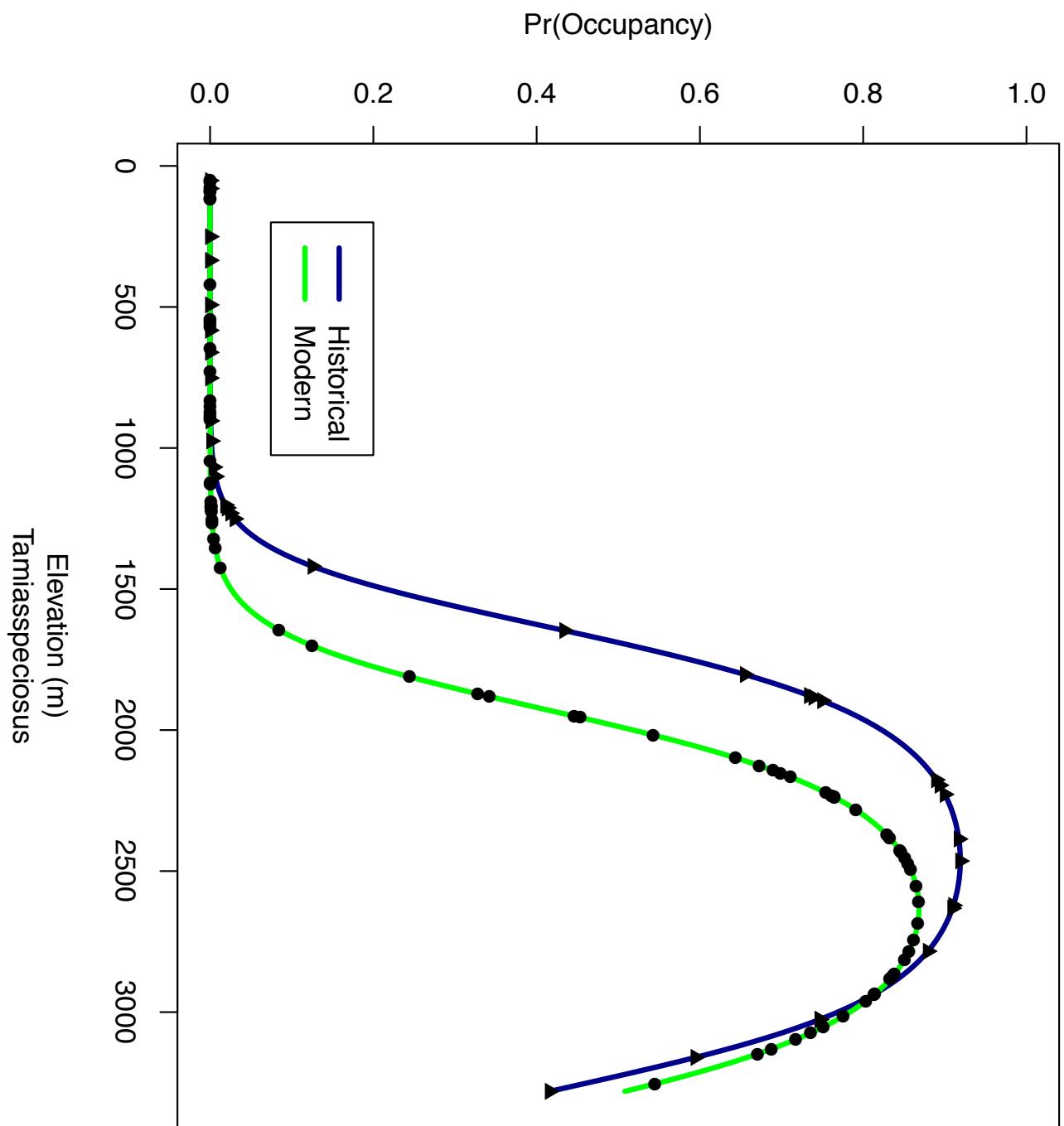
Lassen



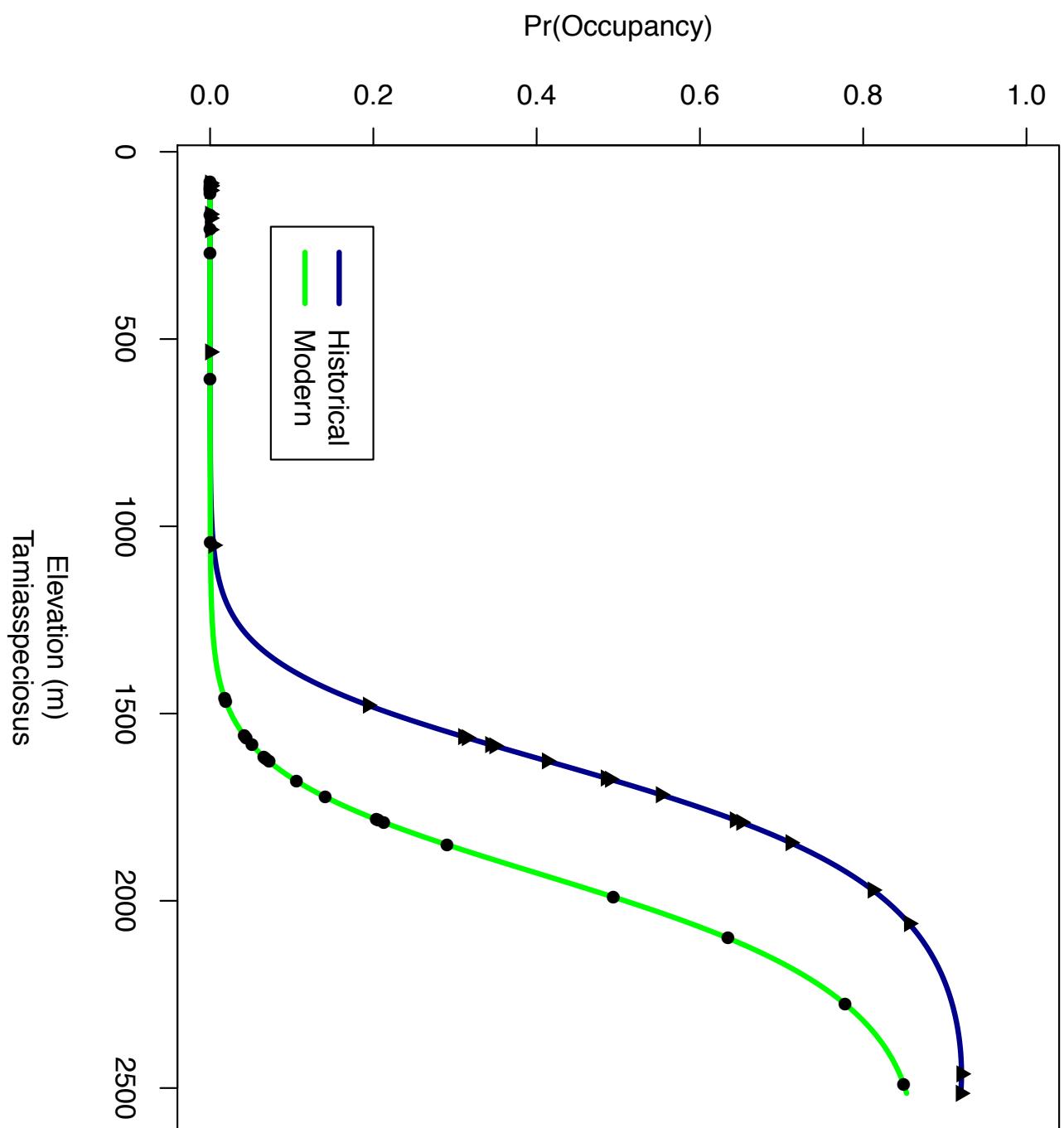
## **Sequoia**



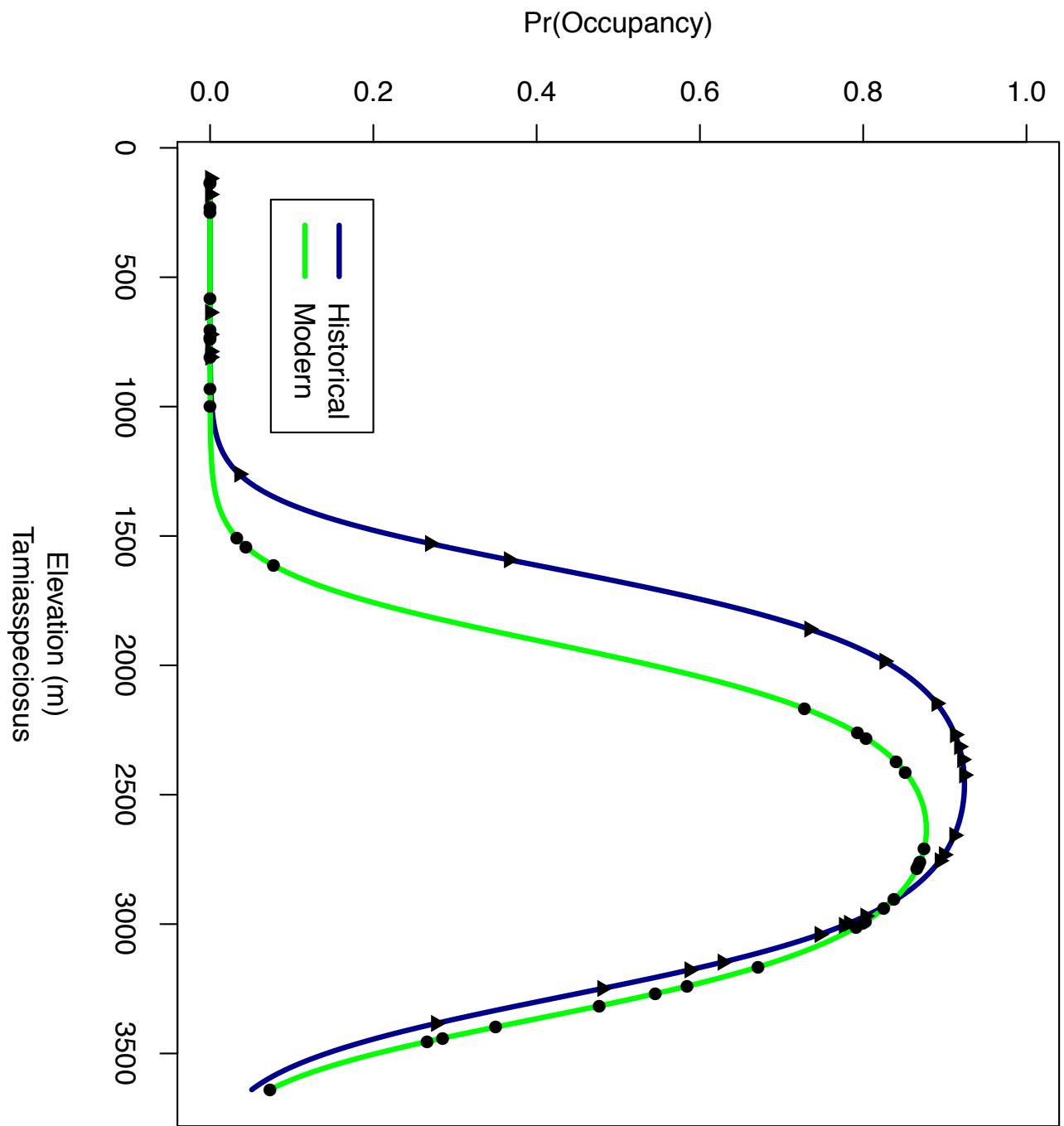
# Yosemite



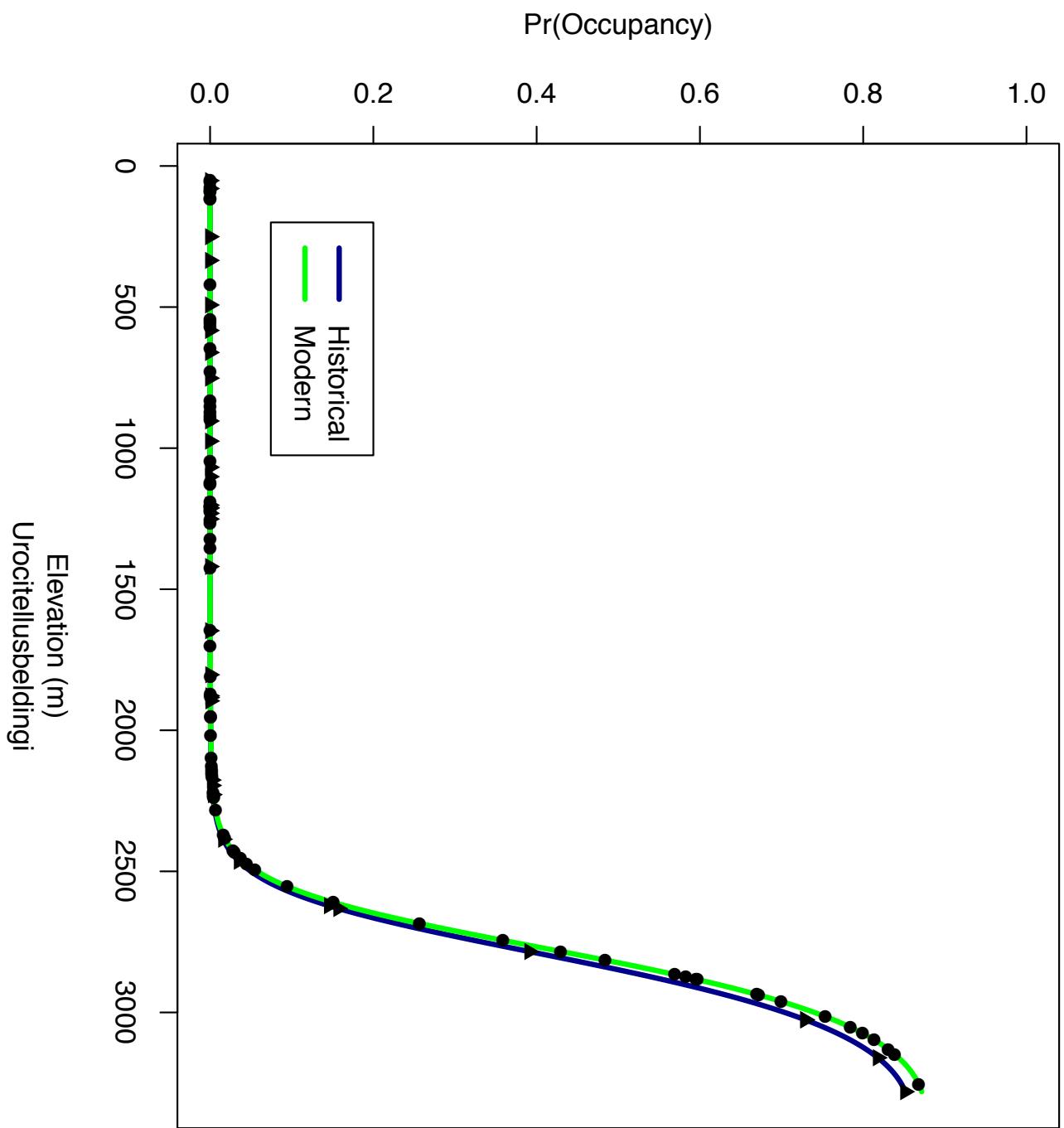
Lassen



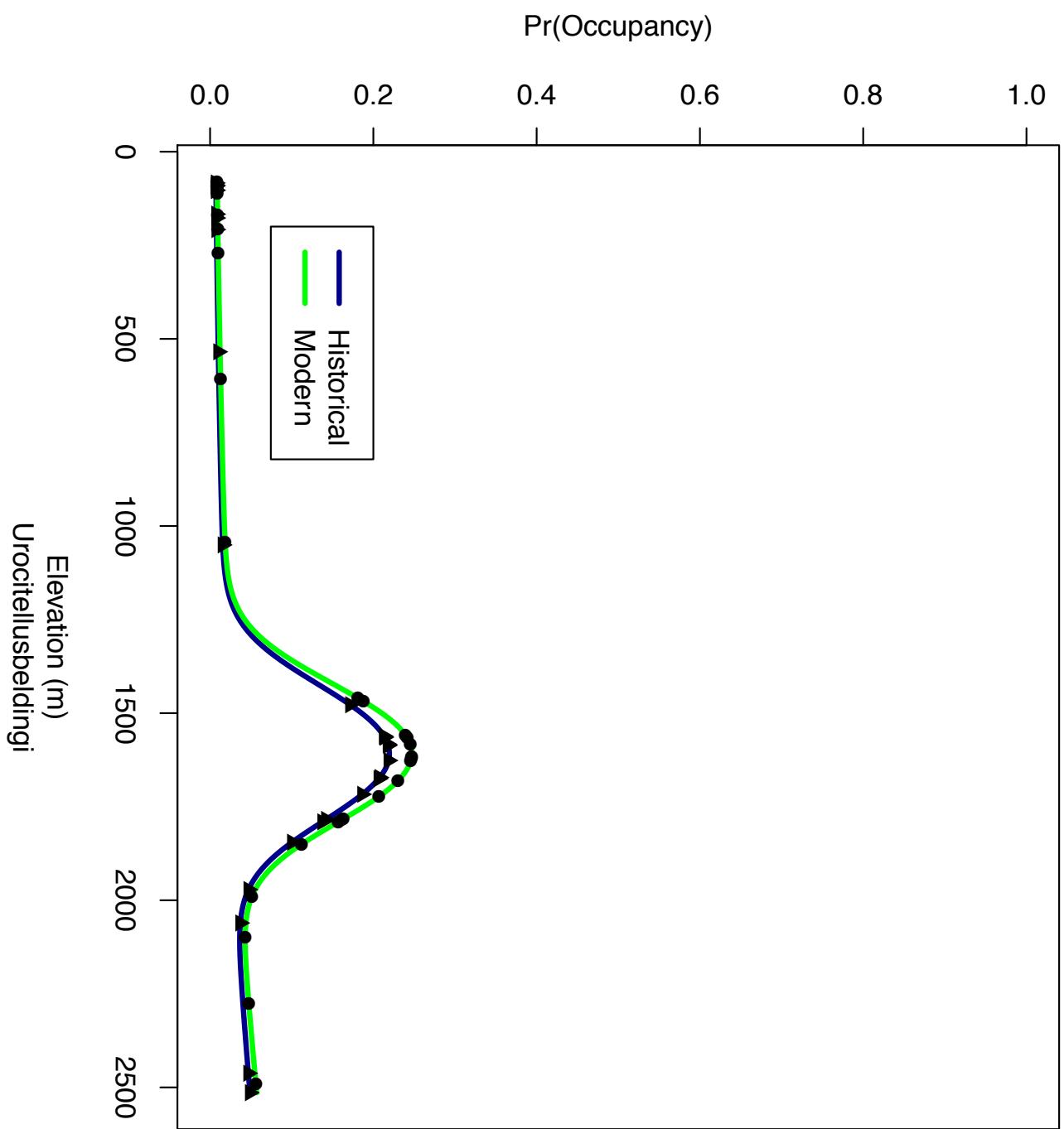
# Sequoia



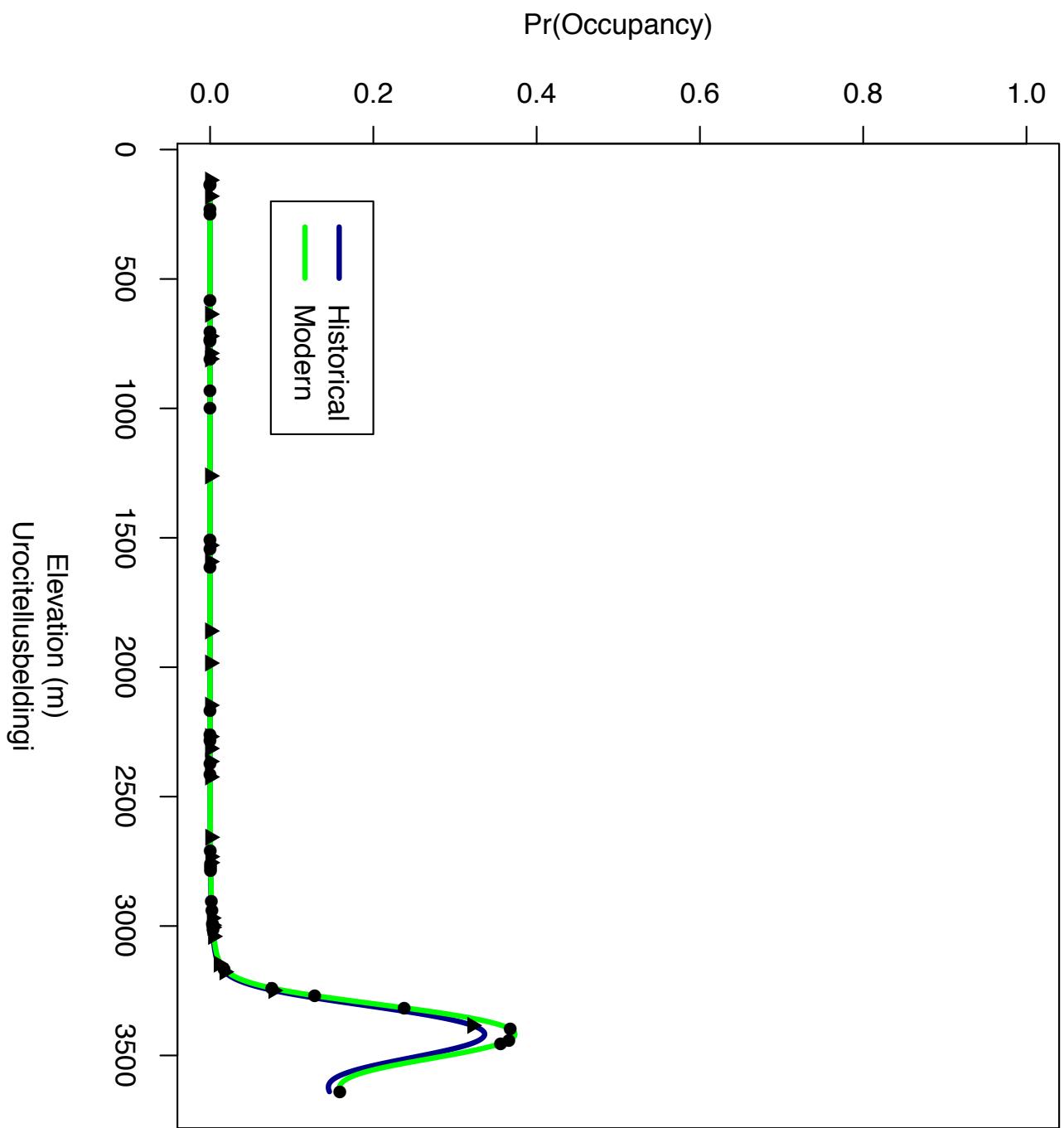
# Yosemite



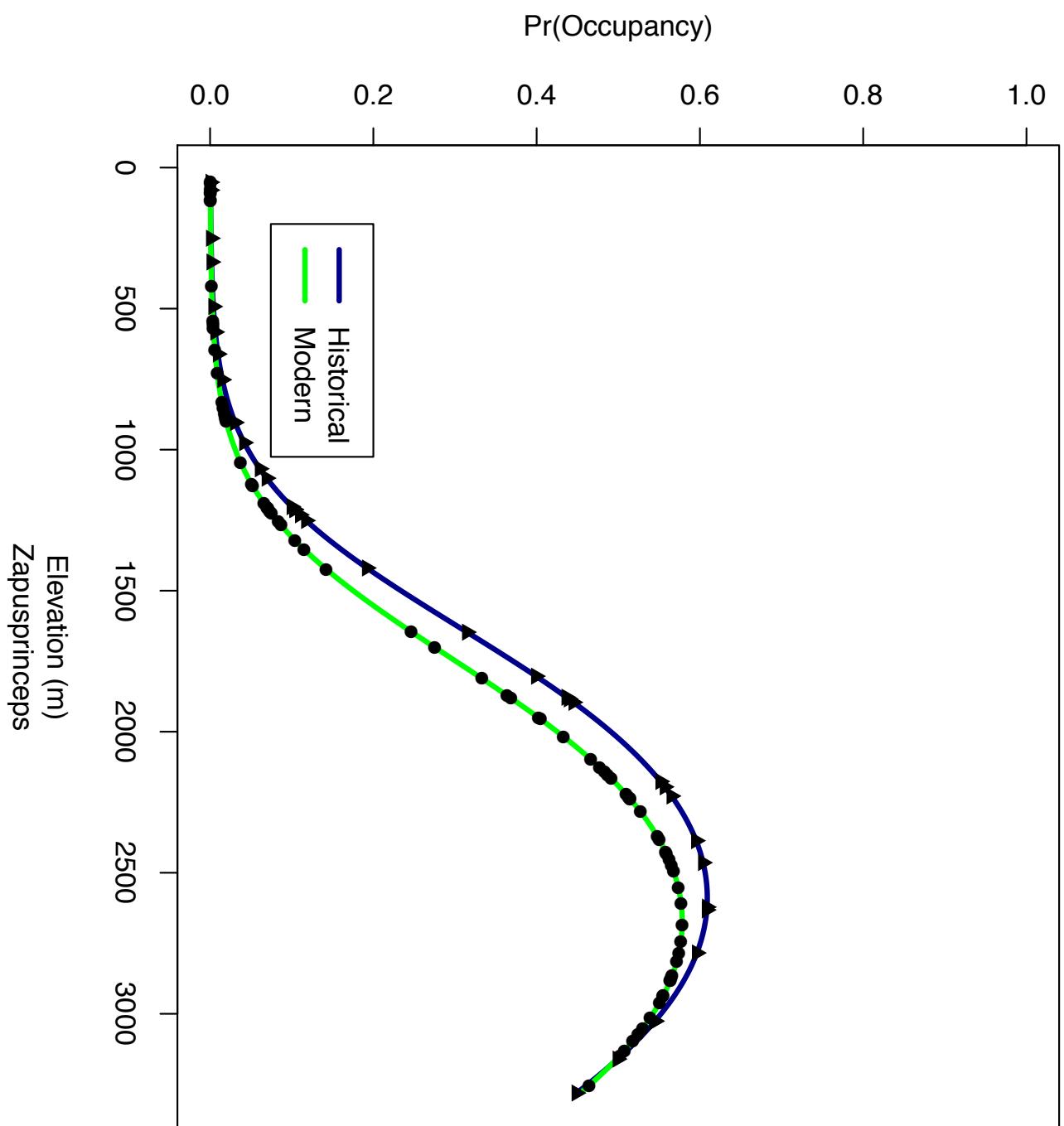
Lassen



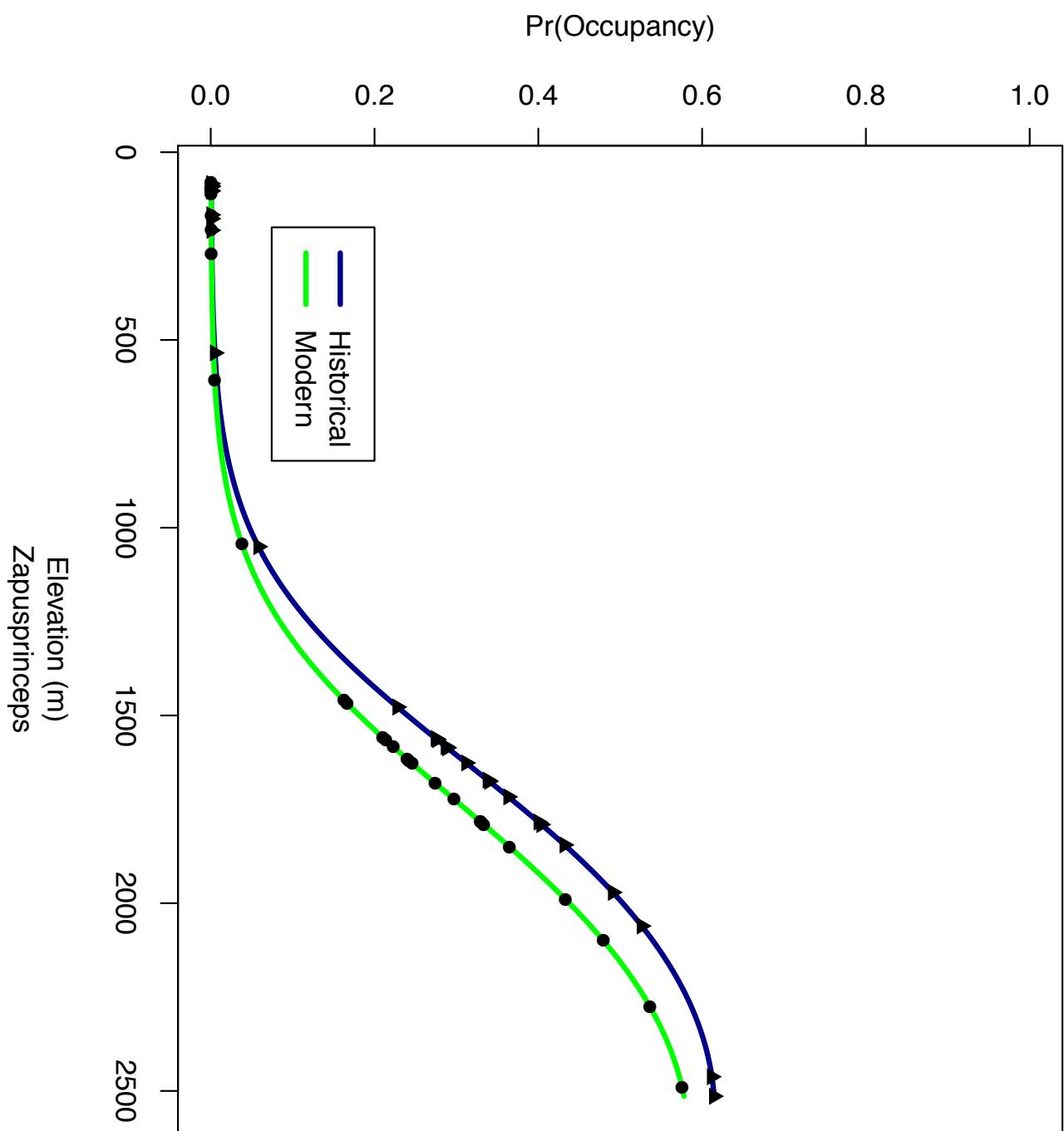
## **Sequoia**



# Yosemite



Lassen



## **Sequoia**

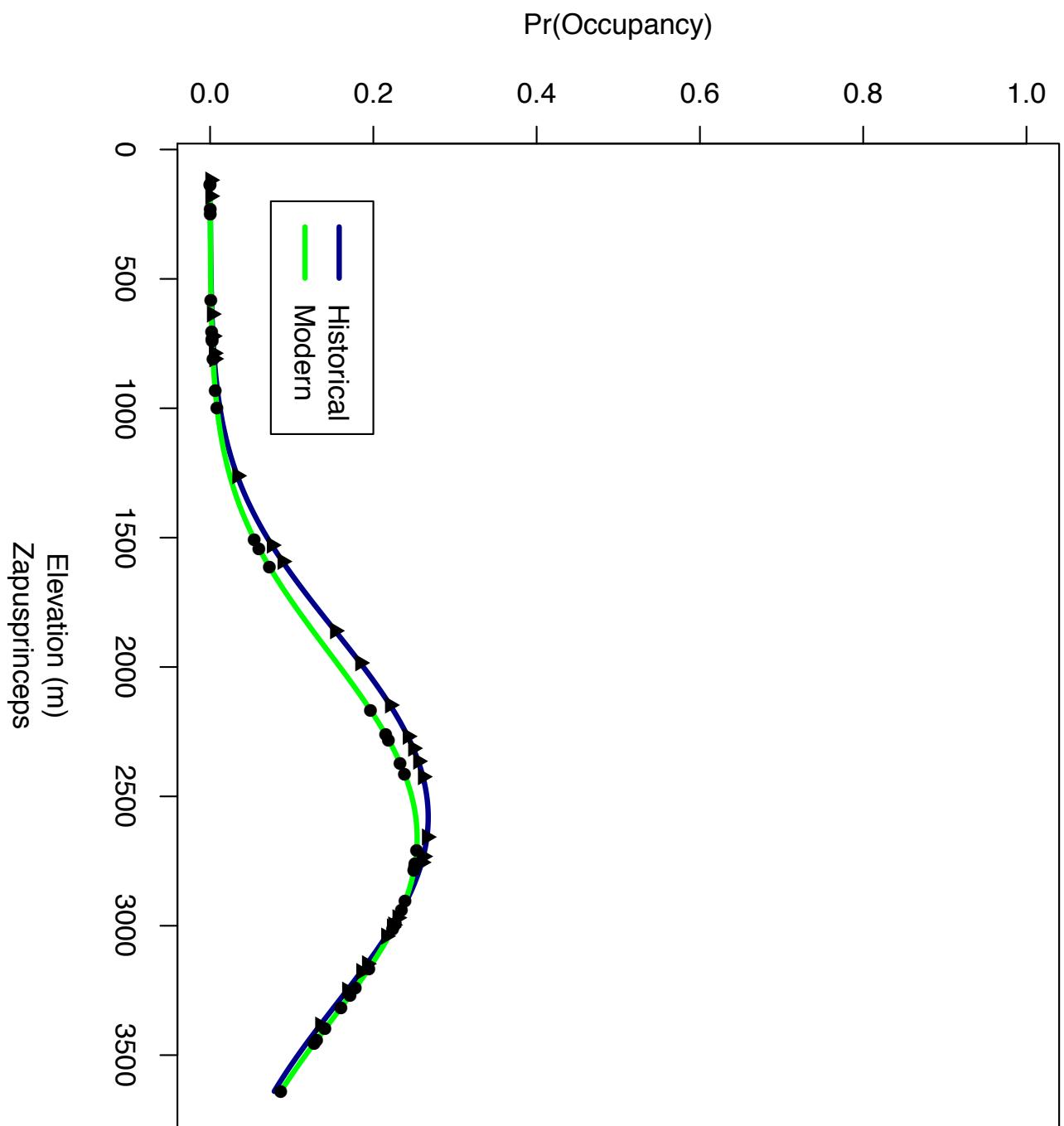


Table x. List of small mammal species examined in this study. Detection methods were standardized trapping (St), specialized trapping (Sp), or observation (Obs). Species included in the analysis of range shifts were both species with (Y) and without (N) sufficient data for occupancy analysis. Species were detected on the east (E) and/or west (W) slopes within each region. Detections within each region are listed as detected (0) or not detected (1) in the historical (H) or the modern (M) eras. Asterisks (\*) denote new species records detected during our surveys. Of the 60 species we examined, 52 were detected using standardized trapping, 28 were included in the occupancy analyses and an additional 6 species were included in the analysis of range shifts.

species	detection method	occupancy analysis	Lassen			Yosemite			Sequoia		
			slope	H	M	slope	H	M	slope	H	M
<i>Ammospermophilus leucurus</i>	St	-	E	0	1				E + W	1	1
<i>Aplodontia rufa</i>	Sp	-	W	0	1	E + W	1	1		---	
<i>Callospermophilus lateralis</i>	St	Y	E + W	1	1	E + W	1	1	E + W	1	1
<i>Chaetodipus californicus</i>	St	Y	---			E + W	1	1	E + W	1	1
<i>Clethrionomys californicus</i>	St	-	W	1	1	---			---		
<i>Dipodomys agilis</i>	St	Y	---			---			E + W	1	1
<i>Dipodomys californicus</i>	St	-	E + W	1	1	---			---		
<i>Dipodomys heermanni</i>	St	Y	---			E + W	1	1	E + W	1	0
<i>Dipodomys merriami</i>	St	-	---			---			E + W	1	1
<i>Dipodomys ordii</i>	St	-	E	1	1	---			---		
<i>Dipodomys panamintinus</i>	St	-	---			E	1	1	E + W	1	1
<i>Glaucomys sabrinus</i>	St	-	W	1	1	W	1	1		---	
<i>Lemmiscus curtatus</i>	St	-	E	1	1	E	1	1		---	
<i>Marmota flaviventris</i>	Obs	N	E + W	1	1	E + W	1	1	W	1	1
<i>Microdipodops megacephalus</i>	St	-	E	1	1	E	1	0		---	
<i>Microtus californicus</i>	St	Y	W	1	1	E + W	1	1	E + W	1	1
<i>Microtus longicaudus</i>	St	Y	E + W	1	1	E + W	1	1	E + W	1	1
<i>Microtus montanus</i>	St	Y	E + W	1	1	E + W	1	1	E + W	1	1
<i>Neotoma bryanti</i>	St	-	---			---			E + W	1	1
<i>Neotoma cinerea</i>	St	Y	E + W	1	1	E + W	1	1	E + W	1	1
<i>Neotoma fuscipes</i>	St	Y	E + W	1	1	---			---		
<i>Neotoma lepida</i>	St	-	E	1	1	---			E + W	1	1
<i>Neotoma macrotis</i>	St	Y	---			E + W	1	1	E + W	1	1
<i>Ochotona princeps</i>	Obs	N	E + W	1	1	W	1	1	W	1	1
<i>Onychomys leucogaster</i>	St	-	E	1	1	E	1	1		---	
<i>Onychomys torridus</i>	St	-	---			---			E + W	1	1
<i>Otospermophilus beecheyi</i>	St	Y	E + W	1	1	E* + W	1	1	E + W	1	1
<i>Perognathus inornatus</i>	St	-	---			W	1	1	W	1	1
<i>Perognathus longimembris</i>	St	-	---			---			E + W	1	1
<i>Perognathus parvus</i>	St	-	E + W	1	1	E + W	1	1	E	1	0
<i>Peromyscus boylii</i>	St	Y	E + W	1	1	E* + W	1	1	E + W	1	1
<i>Peromyscus californicus</i>	St	-	---			W	1	1	W	1	1
<i>Peromyscus crinitus</i>	St	-	---			---			E + W	1	1
<i>Peromyscus maniculatus</i>	St	Y	E + W	1	1	E + W	1	1	E + W	1	1
<i>Peromyscus truei</i>	St	Y	E + W	1	1	E + W	1	1	E + W	1	1
<i>Phenacomys intermedius</i>	St	-	---			W	1	1	W	1	1
<i>Reithrodontomys megalotis</i>	St	Y	E + W	1	1	E + W	1	1	E + W	1	1
<i>Sciurus griseus</i>	Obs	N	W	1	1	W	1	1	W	1	1
<i>Sorex merriami</i>	St	-	E	1	0	---			---		
<i>Sorex monticolus</i>	St	Y	---			E + W	1	1	E + W	1	1
<i>Sorex ornatus</i>	St	Y	---			E + W	1	1	E + W	1	1
<i>Sorex palustris</i>	St	Y	W	1	1	E + W	1	1	E + W	1	1
<i>Sorex tenellus</i>	St	-	---			W*	0	1	W	0	1
<i>Sorex trowbridgii</i>	St	Y	E + W	1	1	W	1	1	W*	0	1
<i>Sorex vagrans</i>	St	Y	E + W	1	1	---			---		
<i>Tamias alpinus</i>	St	Y	---			E + W	1	1	E + W	1	1
<i>Tamias amoenus</i>	St	Y	E + W	1	1	E + W	1	1		---	
<i>Tamias merriami</i>	St	Y	---			E + W	1	1	E + W	1	1
<i>Tamias minimus</i>	St	-	E + W	1	1	E + W	1	1	W	1	1
<i>Tamias panamintinus</i>	St	-	---			---			E + W	1	1
<i>Tamias quadrimaculatus</i>	St	Y	---			E + W	1	1		---	
<i>Tamias senex</i>	St	Y	E + W	1	1	E + W	1	1		---	
<i>Tamias speciosus</i>	St	Y	E + W	1	1	E + W	1	1	E + W	1	1
<i>Tamias umbrinus</i>	St	-	---			---			E + W	1	0
<i>Tamiasciurus douglasii</i>	Obs	N	E + W	1	1	W	1	1	W	1	1
<i>Thomomys bottae</i>	Sp	N	W	1	1	W	1	1	W	1	1
<i>Thomomys monticola</i>	Sp	N	W	1	1	W	1	1		---	
<i>Thomomys talpoides</i>	Sp	-	E	1	0	E + W	1	1		---	
<i>Urocitellus beldingi</i>	St	Y	E + W	1	1	E + W	1	1	E + W	1	1
<i>Zapus princeps</i>	St	Y	W	1	1	E + W	1	1	E + W	1	1
<b>Total</b>	<b>60</b>	<b>52</b>	<b>34</b>	<b>38</b>	<b>38</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>42</b>	<b>41</b>	

## TEMPORARY PLACEHOLDER – NEEDS FORMATTING FOR FINAL TEXT

```
p.dot=list(formula=~1)
p.era.logT.eraXlogT.T100.Trend=list(formula=~era+logT+era:logT+T100+Time)
p.era.logT.eraXlogT.Trend.eraXTrend.T100=list(formula=~era+logT+era:logT+Time+era:
Time+T100)
p.era.logT.eraXlogT.Trend.eraXTrend=list(formula=~era+logT+era:logT+Time+era:Time)
p.era.logT.eraXlogT.Trend=list(formula=~era+logT+era:logT+Time)
p.era.logT.Trend=list(formula=~era+logT+Time)
p.era.T100.eraXT100.logT.eraXlogT.Trend=list(formula=~era+T100+era:T100+logT+era:
logT+Time)
p.era.T100.eraXT100.logT.Trend=list(formula=~era+T100+era:T100+logT+Time)
p.era.T100.eraXT100.Trend.eraXTrend=list(formula=~era+T100+era:T100+Time+era:Ti
me)
p.era.T100.eraXT100=list(formula=~era+T100+era:T100)
p.era.Trend.eraXTrend.logT=list(formula=~era+Time+era:Time+logT)
p.era.Trend.eraXTrend.T100.logT=list(formula=~era+Time+era:Time+T100+logT)
p.T100.logT.Trend=list(formula=~T100+logT+Time)
p.T100.Trend=list(formula=~T100+Time)
p.Trend=list(formula=~Time)
p.zera.T100.eraXT100.logT.eraXlogT.Trend.eraXTrend=list(formula=~era+T100+era:T1
00+logT+era:logT+Time+era:Time)

Psi.dot=list(formula=~1)
Psi.era=list(formula=~era)
Psi.elev=list(formula=~elev)
Psi.elev.elev2=list(formula=~elev+elev2)
Psi.region=list(formula=~region)
Psi.era.elev=list(formula=~era+elev)
Psi.era.elev.elev2=list(formula=~era+elev+elev2)
Psi.era.elev.eraXelev=list(formula=~era+elev+era:elev)
Psi.era.elev.elev2.eraXelev.eraXelev2=list(formula=~era+elev+elev2+era:elev+era:elev2
)
Psi.era.region=list(formula=~era+region)
Psi.era.region.eraXregion=list(formula=~era+region+era:region)
Psi.elev.region=list(formula=~elev+region)
Psi.elev.elev2.region=list(formula=~elev+elev2+region)
Psi.elev.region.elevXregion=list(formula=~elev+region+elev:region)
Psi.elev.elev2.region.elevXregion.elev2Xregion=list(formula=~elev+elev2+region+elev:re
gion+elev2:region)
Psi.era.elev.region=list(formula=~era+elev+region)
Psi.era.elev.elev2.region=list(formula=~era+elev+elev2+region)
Psi.era.elev.region.eraXelev=list(formula=~era+elev+region+era:elev)
Psi.era.elev.elev2.region.eraXelev.eraXelev2=list(formula=~era+elev+elev2+region+era:
elev+era:elev2)
Psi.era.elev.region.elevXregion=list(formula=~era+elev+region+elev:region)
Psi.era.elev.elev2.region.elevXregion.elev2Xregion=list(formula=~era+elev+elev2+regio
n+elev:region+elev2:region)
Psi.era.elev.region.eraXregion=list(formula=~era+elev+region+era:region)
```

Psi.era.elev.elev2.region.eraXregion=list(formula=~era+elev+elev2+region+era:region)  
Psi.era.elev.region.eraXelev.eraXregion.elevXregion.eraXelevXregion=list(formula=~era  
+elev+region+era:elev+era:region+elev:region+era:elev:region)  
Psi.zera.elev.elev2.region.eraXelev.eraXelev2.eraXregion.elevXregion.elev2Xregion.era  
XelevXregion.eraXelev2Xregion=list(formula=~era+elev+elev2+region+era:elev+era:ele  
v2+era:region+elev:region+elev2:region+era:elev:region+era:elev2:region)

Species	Transect	P(G)	P(C)	Historical Elevation Range (m)				Pattern	Best Occupancy Model	AICc Weight	Historical Life Zone (H, L)
				Lower Limit	Shift	Upper Limit	Shift				
<b>1 <i>Sorex ornatus</i></b>	Lassen	NA	NA	NA		NA		NA	era + elev + elev <sup>2</sup> + region	0.2246	Upper Sonoran (L)
	Yosemite	0.55	0.32	549-914	-492	No Change		No Change			
	Sequoia	0.31	0.49	118-180	No Change		+1362	Expand -L Expand +U			
<b>2 <i>Dipodomys heermanni</i></b>	Lassen	NA	NA	NA		NA		NA	era + elev + region + era*elev	0.2148	Lower-Upper Sonoran (L)
	Yosemite	0.35	0.61	52-975	No Change	-247		Contract -U			
	Sequoia	0.95	Undetected	118-636	Undetected Current	Undetected	Current	NA			
<b>3 <i>Microtus californicus</i></b>	Lassen	0.83	0.89	79-1335	No Change	No Change		No Change	era + elev + region + elev*region	0.0669	Lower-Upper Sonoran (L)
	Yosemite	0.76	0.60	52-1647	No Change	No Change		No Change			
	Sequoia	0.96	0.90	118-1261	+465	No Change		Contract +L			
<b>4 <i>Reithrodontomys megalotis</i></b>	Lassen	0.82	0.86	79-1478	No Change	-434		Contract -U	elev	0.1738	Lower-Upper Sonoran (L)
	Yosemite	0.90	0.64	52-1158	No Change	+110		Expand +U			
	Sequoia	0.96	0.90	118-1860	No Change	-861		Contract -U			
<b>5 <i>Chaetodipus californicus</i></b>	Lassen	NA	NA	NA		NA		NA	era + elev + elev <sup>2</sup> + region	0.2355	Lower-Upper Sonoran (L)
	Yosemite	0.37	0.75	183-914	No Change	+787		Expand +U			
	Sequoia	0.83	0.91	118-2147	+113 <sup>#</sup>	+226		Shift +LU			
<b>6 <i>Neotoma fuscipes/macrotis</i></b>	<i>Neotoma fuscipes</i> Lassen	0.69	0.98	79-1051	+32 <sup>#</sup>	+515		Expand +U	elev + elev <sup>2</sup> + region	0.2508	Lower Sonoran-Transition (L)
	<i>Neotoma macrotis</i> Yosemite	0.57	0.78	183-1647	No Change	No Change		No Change	elev + elev <sup>2</sup> + region + elev*region	0.1464	Lower Sonoran-Transition (L)
	<i>Neotoma macrotis</i> Sequoia	0.59	0.91	118-2147	+113 <sup>#</sup>	+226		Shift +LU	+ elev <sup>2</sup> *region		
<b>7 <i>Peromyscus truei</i></b>	Lassen	0.67	0.60	79-1051	+529	+408		Shift +LU	era + elev + elev <sup>2</sup> + region + elev*region	0.4677	Upper Sonoran (L)
	Yosemite	0.85	0.74	183-975	+374	+836		Shift +LU	era*elev + era*elev <sup>2</sup> + era*region + elev*region + elev <sup>2</sup> *region		
	Sequoia	0.82	0.74	636-3147	-53 <sup>#</sup>	-207		Contract -U	era*elev*region + era*elev <sup>2</sup> *region		
<b>*8 <i>Sciurus griseus</i></b>	Lassen			103-1051	No Change	+671		Expand +U	*Not subject to occupancy analyses		Lower-Upper Sonoran (L)
	Yosemite			183-1951	No Change	+262		Contact -U			
	Sequoia			787-2364	+720	-750		Contract +L, -U			
<b>*9 <i>Dipodomys agilis</i></b>	Lassen	NA	NA	NA		NA		NA	era + elev + elev <sup>2</sup> + region	0.2470	Lower-Upper Sonoran (L)
	Yosemite	NA	NA	NA		NA		NA			
	Sequoia	0.49	0.49	721-1860	+89 <sup>#</sup>	+307		Expand +U			
<b>10 <i>Tamias merriami</i></b>	Lassen	NA	NA	NA		NA		NA	elev + region	0.1284	Lower-Upper Sonoran (L)
	Yosemite	0.25	0.21	488-1524	No Change	No Change		No Change			
	Sequoia	0.43	0.59	636-2732	No Change	No Change		No Change			
<b>11 <i>Peromyscus boylii</i></b>	Lassen	0.85	0.99	79-1051	+89 <sup>#</sup>	No Change		Contract +L	era + elev + elev <sup>2</sup> + region + elev*region + elev <sup>2</sup> *region	0.5811	Upper Sonoran-Transition (L)
	Yosemite	0.88	0.88	183-2464	-126 <sup>#</sup>	No Change		Expand -L			
	Sequoia	0.97	0.99	118-3147	+20 <sup>#</sup>	-865		Contract -U			
<b>12 <i>Thomomys bottae</i></b>	Lassen			75-1335	No Change	No Change		No Change	*Not subject to occupancy analyses		Lower Sonoran-Transition (L)
	Yosemite			57-1676	No Change	No Change		No Change			
	Sequoia			118-3384	No Change	No Change		No Change			
<b>13 <i>Otospermophilus beecheyi</i></b>	Lassen	0.05	0.67	79-1051	No Change	+734		Expand +U	era + elev + elev <sup>2</sup> + era*elev + era*elev <sup>2</sup>	0.1069	Lower Sonoran-Canadian (W)
	Yosemite	0.28	0.42	61-2632	No Change	No Change	-57 <sup>#</sup>	No Change			
	Sequoia	0.07	0.82	118-2997	No Change	No Change		No Change			
<b>14 <i>Peromyscus maniculatus</i></b>	Lassen	0.94	0.99	79-2514	No Change	No Change		No Change	era + elev + elev <sup>2</sup> + region + era*elev + era*elev <sup>2</sup> + era*region + elev*region + elev <sup>2</sup> *region + era*elev*region + era*elev <sup>2</sup> *region	0.4195	Lower Sonoran-Arctic-Alpine (W)
	Yosemite	0.95	0.93	52-3281	No Change	No Change		No Change			
	Sequoia	0.99	0.99	118-3384	No Change	No Change		No Change			
<b>15 <i>Sorex trowbridgii</i></b>	Lassen	0.49	0.68	1051-2061	No Change	No Change	-54 <sup>#</sup>	No Change	elev + elev <sup>2</sup> + region	0.0988	Transition-Canadian (H)
	Yosemite	0.65	0.68	1068-2286	No Change	Undetected		No Change			
	Sequoia	0.76	0.69	1507-2373 (Modern)	No Change	Historical		New record			
<b>16 <i>Tamias quadrimaculatus</i></b>	Lassen	NA	NA	NA		NA		NA	elev + elev <sup>2</sup> + region	0.1681	Transition-Canadian (H)
	Yosemite	0.54	0.49	1494-2210	No Change	NA		No Change			
	Sequoia	NA	NA	NA	No Change	NA		NA			
<b>17 <i>Sorex vagrans</i></b>	Lassen	0.62	0.96	1335-2514	No Change	No Change		No Change	elev + region	0.0963	Transition-Canadian (H)
	Yosemite	NA	NA	NA	No Change	NA		NA			
	Sequoia	NA	NA	NA	No Change	NA		NA			
<b>18 <i>Tamias senex</i></b>	Lassen	0.55	0.99	1478-2462	No Change	No Change	-360	No Change	elev + elev <sup>2</sup> + region	0.2866	Canadian (H)
	Yosemite	0.87	0.49	1402-2743	+981	NA		Contract +L+U			
	Sequoia	NA	NA	NA	No Change	NA		No Change			
<b>*19 <i>Tamiasciurus douglasii</i></b>	Lassen			886-2061	No Change	+430		Expand +U	*Not subject to occupancy analyses		Transition-Hudsonian (H)
	Yosemite			1229-3185	No Change	No Change		No Change			
	Sequoia			1592-3384	No Change	No Change		No Change			
<b>20 <i>Zapus princeps</i></b>	Lassen	0.78	0.87	1478-2462	+138	No Change		Contract +L	elev + elev <sup>2</sup> + region	0.1800	Transition-Hudsonian (H)
	Yosemite	0.86	0.21	1211-3281	+213	No Change		Contract +L			
	Sequoia	0.92	0.85	1592-2657	+821	No Change	+583	Shift +LU			
<b>21 <i>Microtus montanus</i></b>	Lassen	0.77	0.92	1335-1784	+133	+66 <sup>#</sup>		Shift +L	elev + elev <sup>2</sup> + region + elev*region + elev <sup>2</sup> *region	0.6766	Transition-Hudsonian (H)
	Yosemite	0.65	0.90	1211-3161	No Change	No Change		No Change			
	Sequoia	0.95	0.89	1984-3384	No Change	No Change		No Change			
<b>22 <i>Microtus longicaudus</i></b>	Lassen	0.95	0.84	1672-2462	-204	No Change		Expansion	elev + elev <sup>2</sup>	0.2043	Transition-Hudsonian (H)
	Yosemite	0.94	0.81	583-3281	+644	No Change		Contract +L			
	Sequoia	0.99	0.88	1529-3474	+638	No Change		Contract +L			
<b>*23 <i>Thomomys monticola</i></b>	Lassen			1561-2514	No Change	No Change		No Change	*Not subject to occupancy analyses		Canadian-Hudsonian (H)
	Yosemite			1905-3155	No Change	NA		NA			
	Sequoia			NA	No Change	NA		NA			
<b>24 <i>Neotoma cinerea</i></b>	Lassen	0.66	0.67	1478-2514	+202	-729		Contract +L+U	era + elev + elev <sup>2</sup> + region + era*elev + era*elev <sup>2</sup> + era*region + elev*region + elev <sup>2</sup> *region + era*elev*region + era*elev <sup>2</sup> *region	0.1123	Canadian-Arctic-Alpine (H)
	Yosemite	0.79	0.51	1803-3281	+580	-807		Contract +L+U			
	Sequoia	0.67	0.87	1529-3384	No Change	No Change		No Change			
<b>25 <i>Tamias speciosus</i></b>								era + elev + elev <sup>2</sup> + era*region + elev +	0.4140	Canadian-Hudsonian (H)	

	Lassen	0.78	0.98	1561-2514	+222	No Change	Contract +L	elev + elev <sup>2</sup> + elev <sup>3</sup> + elev <sup>4</sup> + eraXelev <sup>2</sup>		
	Yosemite	0.76	0.82	1768-3281	+113‡	No Change	No Change			
	Sequoia	0.96	0.97	1529-3384	+638	No Change	Contract +L			
<b>26 <i>Tamias amoenus</i></b>								elev + elev <sup>2</sup> + region	0.0765	Transition-Hudsonian (H)
	Lassen	0.79	0.96	1561-2514	No Change	No Change	No Change			
	Yosemite	0.96	0.96	2438-2865	+36‡	-81‡	No Change			
	Sequoia	NA	NA	NA	NA	NA	NA			
<b>27 <i>Sorex palustris</i></b>							Contract -L,-U	era + elev + region + era*elev + era*region + elev*region + era*elev*region	0.2046	Canadian-Hudsonian (H)
	Lassen	0.53	0.24	1583-2514	-975	-1906	Contract +L			
	Yosemite	0.46	0.15	1647-3161	+506	No Change	Contract +L			
	Sequoia	0.77	0.40	2314-3384	+676	No Change	Contract +L			
<b>*28 <i>Marmota flaviventris</i></b>								*Not subject to occupancy analyses		Canadian-Arctic-Alpine (H)
	Lassen			1561-1971	No Change	+520	Expand +U			
	Yosemite			2469-3353	No Change	No Change	No Change			
	Sequoia			2268-3503	No Change	No Change	No Change			
<b>29 <i>Urocitellus beldingi</i></b>							Contract -U	elev + elev <sup>2</sup> + region + elevXregion + elev <sup>2</sup> Xregion	0.1967	Canadian-Arctic-Alpine (H)
	Lassen	0.71	0.88	1485-1845	No Change	-217	Contract +L			
	Yosemite	0.74	0.66	2286-3281	+399	No Change	Contract +L			
	Sequoia	0.86	0.92	2761-3474	+555	No Change	Contract +L			
<b>30 <i>Callospermophilus lateralis</i></b>							No Change	era + elev + elev <sup>2</sup> + region	0.1752	Transition-Hudsonian (H)
	Lassen	0.60	0.89	1561-3124	No Change	No Change	Contract +L			
	Yosemite	0.51	0.69	1646-3200	+305	No Change	Contract +L			
	Sequoia	0.83	0.91	2147-3474	+115‡	No Change	Contract +L			
<b>31 <i>Sorex monticolus</i></b>							No Change	era + elev + elev <sup>2</sup> + region	0.1349	Canadian-Hudsonian (H)
	Lassen	0.59	0.67	NA	NA	NA	Expand -L			
	Yosemite	0.74	0.68	2176-3281	-971	No Change	No Change			
	Sequoia	0.84	0.80	1529-3474	No Change	No Change	No Change			
<b>*32 <i>Ochotona princeps</i></b>							No Change	*Not subject to occupancy analyses		Canadian-Arctic-Alpine (H)
	Lassen			1478-2514	No Change	No Change	No Change			
	Yosemite			2377-3871	No Change	No Change	No Change			
	Sequoia			2732-3384	No Change	No Change	No Change			
<b>33 <i>Tamias alpinus</i></b>							NA	era + elev + region	0.0603	Hudsonian-Arctic-Alpine (H)
	Lassen	NA	NA	NA	NA	NA	Contract +L			
	Yosemite	0.86	0.81	2386-3353	+497	No Change	Contract +L			
	Sequoia	0.92	0.86	2314-3503	+471	No Change	Contract +L			

\* Species not subject to occupancy analyses

‡ Statistically significant but biologically trivial elevation shifts