

The background of the slide is a photograph of a dirt path winding through a forest. The path is light brown and leads into the distance. On either side of the path are green trees and bushes. The sky is visible at the top, showing some clouds. A large white rectangular box is centered over the middle of the image, containing the title and author information.

# Pruning of forest seed orchards in Lithuania

Prepared by Vidmantas Verbyla

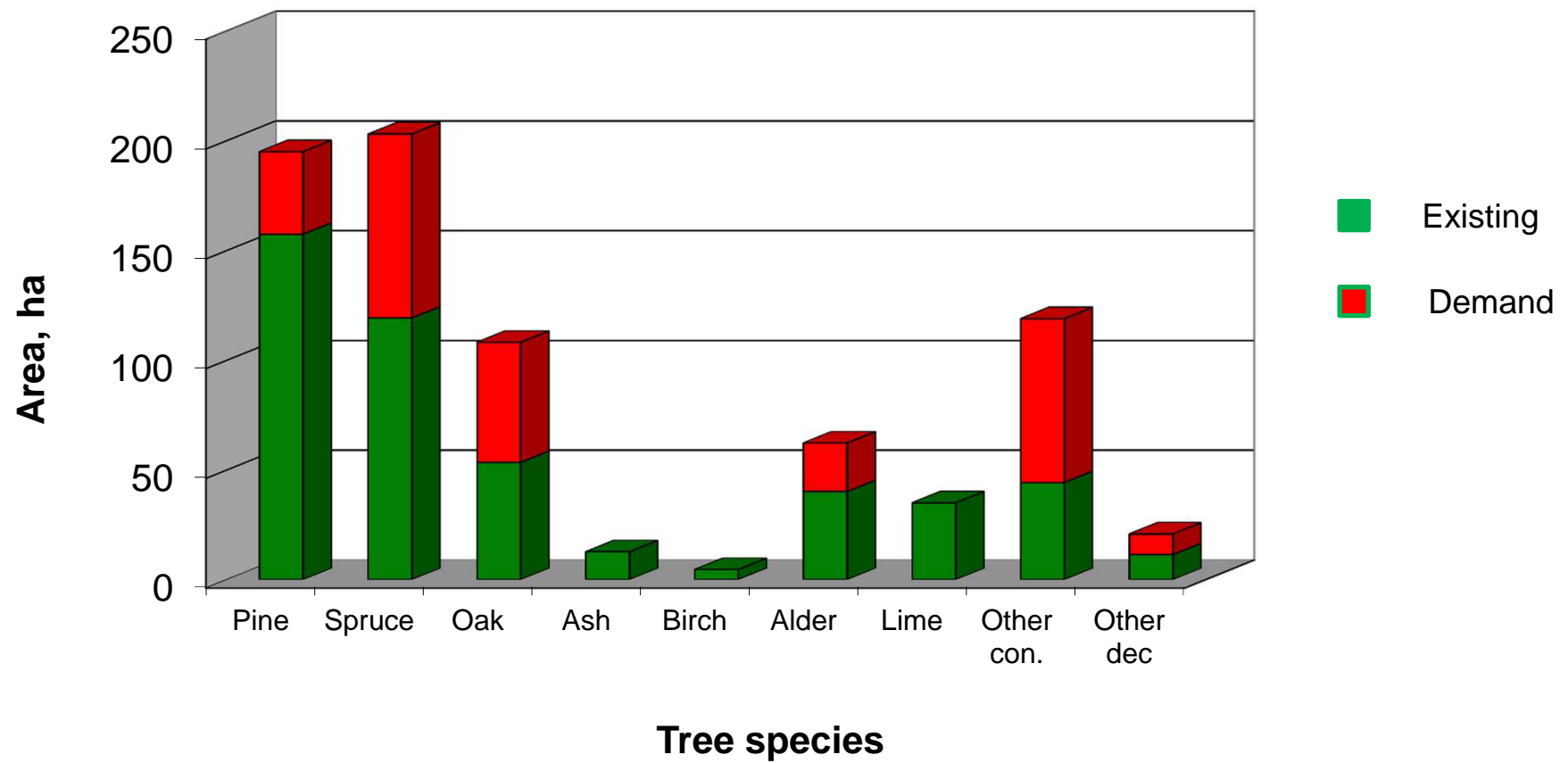
Lithuanian State Forest Service

2013

# Forest seed orchards in Lithuania

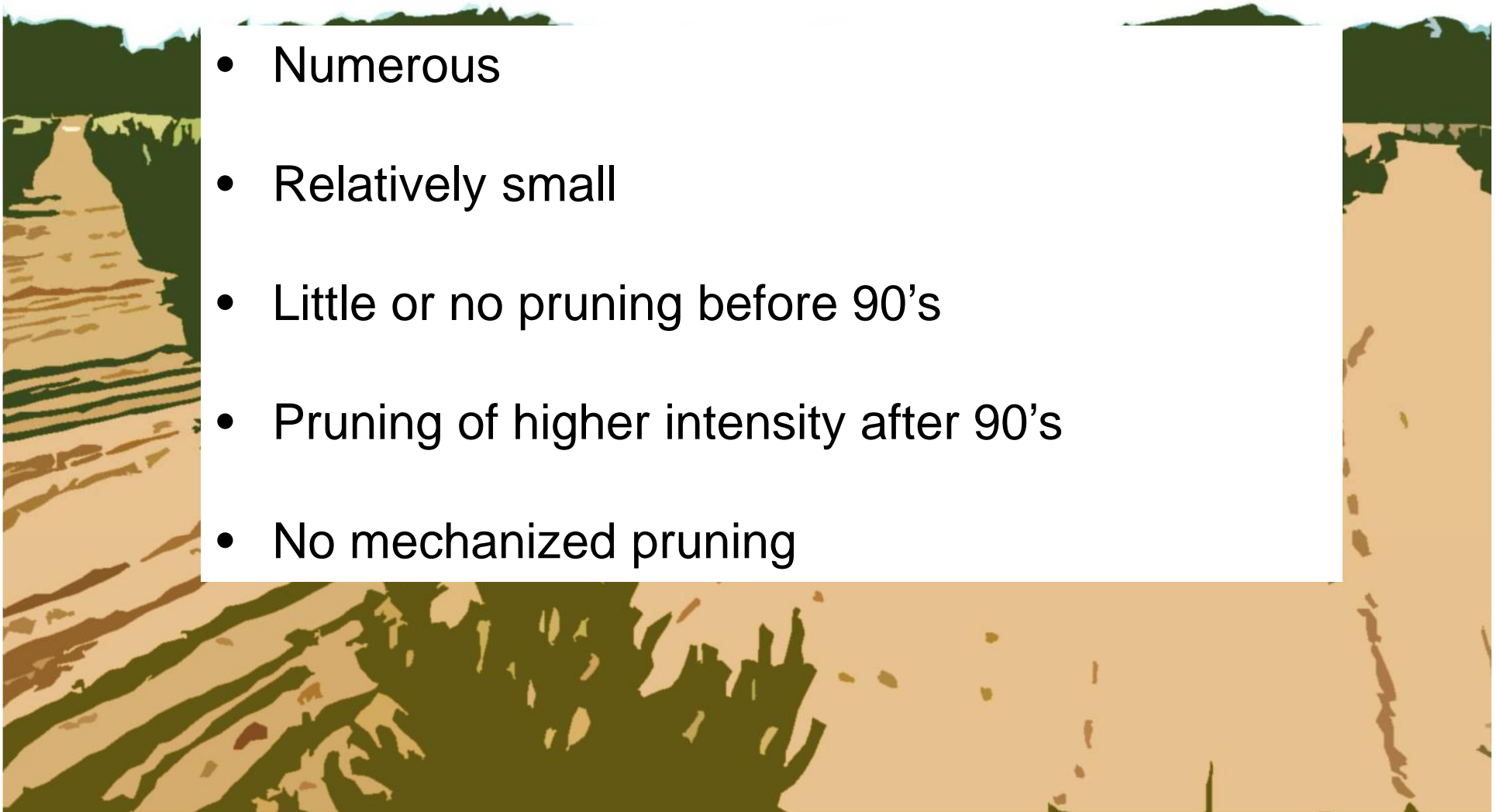
Species	Breeding value			
	Qualified		Tested	
	No.	Area, ha	No.	Area, ha
Scots pine	14	109,0	22	151,7
Norway spruce	23	252,2	18	114,1
Larch species	10	25,8		
Common oak	8	53,5		
Common ash	7	12,7		
Silver birch	4	4,61		
Black alder	19	37,6	1	2,5
Common aspen	1	1,1		
Small-leaved lime	17	35,0		
European white elm	3	6,9		
European wild pear	4	1,8		
European crab apple	4	1,6		
<b>Total:</b>	<b>114</b>	<b>541,81</b>	<b>41</b>	<b>268,3</b>

# Forest seed orchards in Lithuania



# Forest seed orchards in Lithuania

- Numerous
- Relatively small
- Little or no pruning before 90's
- Pruning of higher intensity after 90's
- No mechanized pruning





## Unpruned seed orchards – unproductive and difficult to harvest





Pruned seed orchards – abundant, more regular and easily to collect harvest





# Pruning of Scots pine





# Pruning of Scots pine



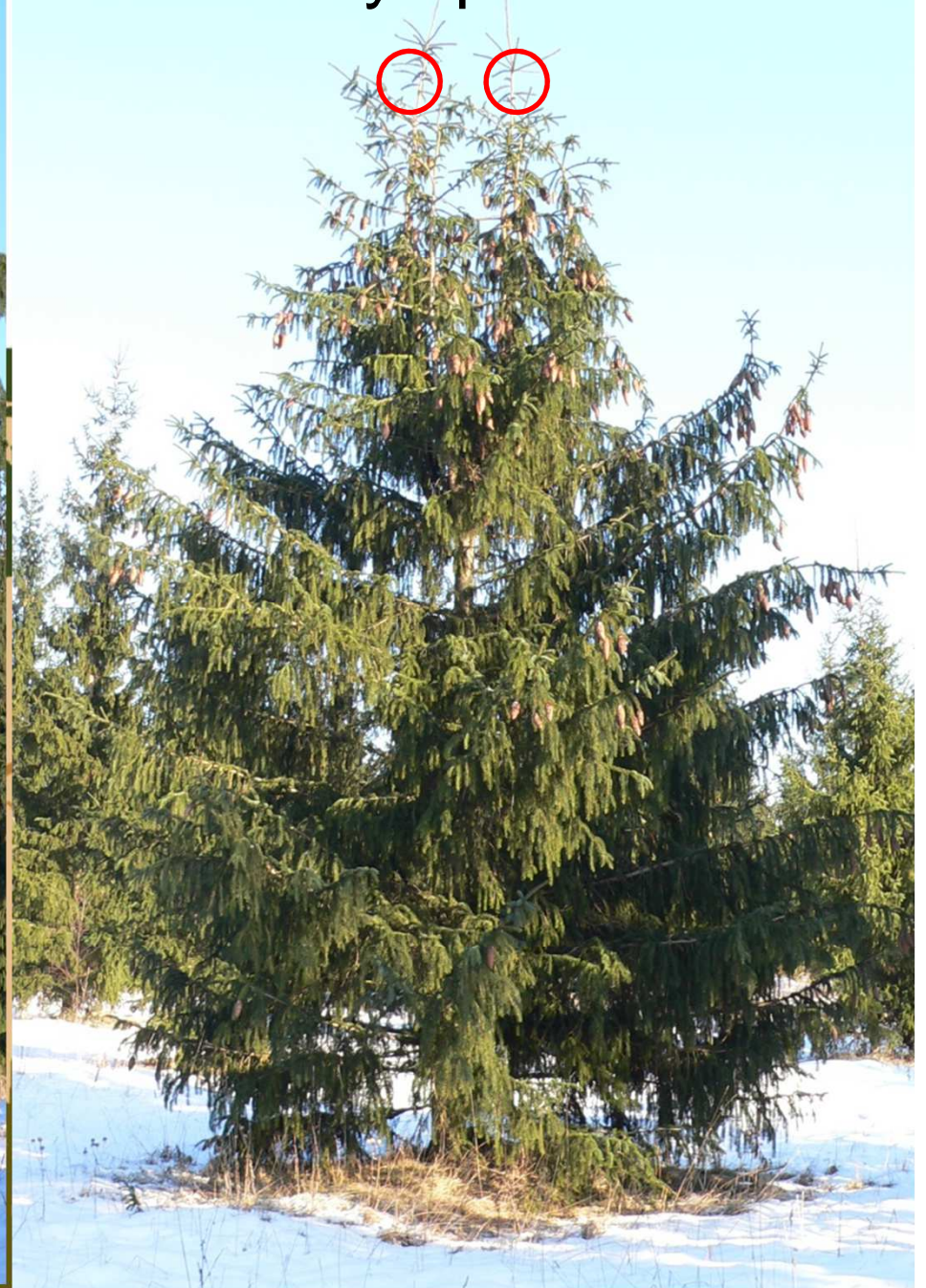


# Pruning of Norway spruce





# Pruned seed orchard of Norway spruce





# Pruning of deciduous tree species





# Intensively pruned seed orchard of black alder





# Pruning of deciduous sp. in controlled environment





Thank you

