

## Appendix 1. List of survey items

### Survey to Moose Management Areas

#### Competence

*In moose management there is a need of knowledge regarding...*

	Totally disagree	Partly disagree	Neither nor	Partly agree	Totally agree
moose	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
forestry	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
hunting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
agriculture	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
monitoring methods	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
co-existence with other ungulate species	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
co-existence with large carnivores	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
adaptive management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*How do you perceive the usefulness of the monitoring methods in moose management?*

	Little	Intermediate	Large
Bag statistics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Moose observations (älgobs)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dung pellet counts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Calf weight collection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aerial surveys	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Moose browsing damage monitoring (ÄBIN)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Forage availability estimates	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Autonomy

*Which prerequisite do you have to conduct your work in the moose management group? In my role, I have enough...*

	Totally disagree	Partly disagree	Neither nor	Partly agree	Totally agree
time to do a good job	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
resources to do a good job	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
support from my organization to do a good job	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Relatedness

*As member of a Moose Management Group, how do you perceive your possibilities to meet the needs and desires of*

	Not at all	To low degree	Neither nor	To relatively high degree	To very high degree
Moose Management Units	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hunters	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Agriculture	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
County Administrative Boards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Local community	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Swedish Environmental Protection Agency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Private landowners (less than 100 ha)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Private landowners (more than 100 ha)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reindeer husbandry	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Swedish Parliament and Government	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Forest sector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Swedish Forest Agency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Swedish Transport Administration	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tourism sector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wildlife Management Delegations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### Ecological context

*Which of the following game species are present in your Moose Management Area?*

	Totally missing	Sporadically, single animals	Regular presence	Don't know
Moose	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Roe deer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wild boar	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Red deer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fallow deer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mouflon	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lynx	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wolf	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wolverine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### Social context

*Approximately how many hectares has the Moose Management Area you are working in?*

Less than 50.000 ha	<input type="checkbox"/>
50.000 - 99.000 ha	<input type="checkbox"/>
100.000 - 499.000 ha	<input type="checkbox"/>
500.000 ha or more	<input type="checkbox"/>

## Survey to Moose Management Units

### Competence

*In moose management there is a need of knowledge regarding...*

	Totally disagree	Partly disagree	Neither nor	Partly agree	Totally agree
moose	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
forestry	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
hunting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
agriculture	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
monitoring methods	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
co-existence with other ungulate species	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
co-existence with large carnivores	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
adaptive management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*How do you perceive the usefulness of the monitoring methods in moose management?*

	Little	Intermediate	Large
Bag statistics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Moose observations (älgobs)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dung pellet counts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Calf weight collection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aerial surveys	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Moose browsing damage monitoring (ÄBIN)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Forage availability estimates	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### Autonomy

*Which prerequisite do you have to conduct your work in the moose management unit? In my role, I have enough...*

	Totally disagree	Partly disagree	Neither nor	Partly agree	Totally agree
time to do a good job	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
resources to do a good job	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
support from the interest I represent to do a good job	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### Relatedness

*How are you normally working in your Moose Management Unit? In our work, we collaborate with...*

	Never	Sometimes	Regularly	Don't know
Local landowners	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Local hunting teams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Adjacent moose management units	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Adjacent licence areas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Moose management groups	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reindeer husbandry	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### Ecological context

*Which of the following game species are present in your Moose Management Unit?*

	Totally missing	Sporadically, single animals	Regular presence	Don't know
Moose	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Roe deer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wild boar	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Red deer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fallow deer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mouflon	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lynx	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wolf	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wolverine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Social context

*What proportion of the Moose Management Unit is owned by forest companies?*

- None
- 1 - 25 %
- 26 - 50 %
- 51 - 75 %
- 76 - 100 %