I. Socio-economic characteristics of the respondent
1. District: _______________________
2. Sex: __________
3. Date of birth: _______________________
4. Place of birth: _______________________
5. How long have you lived in Gambella? _______________________
6. Education level: A. Illiterate B. Read and write C. Primary/middle school D. High school E. Diploma and above
7. What is the family composition of your household? Spouse _______ Children ____ (M) ____ (F) Relatives_______ Others_________
8. Occupation

II. Economic level of the household
9. Average land holding in hectares? a. <0.25 b. 0.26-0.5 c. 0.51-0.75 d. 0.76-1 e. >1 f. I don’t have a land
(If you said you do not have land, please pass to question 13)
10. Do you produce crops? a. Yes b. No
11. If yes, is your harvest usually enough to feed your family? a. Yes b. No
12. How long do you generally consume your harvest before you start buying food?
13. What is the estimated average total household monthly income in ETB? a. ≤500 b. 501-1000 c. 1001-2000 d. 2001-3000 d. >3000

III. Lion management, knowledge and perception
14. Please tick the alternative that the best describes your opinion
(Key: 1-Strongly agree, 2-Agree, 3- Neutral, 4- Disagree and 5- Strongly disagree)

<table>
<thead>
<tr>
<th>No.</th>
<th>Questions</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Lion is bad animal</td>
<td></td>
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<tr>
<td>2</td>
<td>The presence of lions is a sign of a healthy environment</td>
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<td>3</td>
<td>Depredation by lions is a very concerning issue in Gambella</td>
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<td>4</td>
<td>Lions are known for attacking and injuring people</td>
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<td>5</td>
<td>I would be afraid to go into the forest/filed if there are lions</td>
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<td>6</td>
<td>Lion is dangerous to humans</td>
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<td>7</td>
<td>It is important to conserve lions in Gambella</td>
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<td>8</td>
<td>I like seeing lions in the wild</td>
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<tr>
<td>9</td>
<td>I want lions extirpated from Gambella</td>
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<tr>
<td>10</td>
<td>Lions should only live in restricted places in Gambella</td>
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<tr>
<td>11</td>
<td>Killing of lions should be strictly regulated by law</td>
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<tr>
<td>12</td>
<td>Killing of lions should be allowed by law</td>
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<tr>
<td>13</td>
<td>Lions have ample prey in the wild</td>
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<tr>
<td>14</td>
<td>The number of lions in Gambella has notably increased in the past ten years</td>
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<tr>
<td>15</td>
<td>Lions habitat destruction is a problem in Gambella</td>
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</tbody>
</table>

### IV. Carnivore knowledge

15. Which carnivore species do you recognize from the pictures?
1. ________ 2. ________ 3. ________ 4. ________ 5. ________ 6. ________

16. Which species (from the pictures in Qn #15) have you ever seen?
1. ________ 2. ________ 3. ________ 4. ________ 5. ________ 6. ________

17. Which of the tracks can you identify (from the provided picture of tracks)?
1. ________ 2. ________ 3. ________ 4. ________ 5. ________ 6. ________

18. According to you, among the above given carnivores (in Qn #15) which are the most dangerous? (Give a score: 1: extremely dangerous, 2: very dangerous and 3: dangerous)
1. ________________ 2. ________________ 3. ________________

Why do you think these carnivores are dangerous?
__________________________________________________________________

19. Do you want lion numbers to increase in Gambella?   a. Yes    b. No
Why? ____________________________________________________________

20. Do you think lions have any advantages? a. Yes    b. No
If yes, please mention some of their benefits?
__________________________________________________________________

21. Do lions have a special meaning/importance in your culture? a. Yes    b. No
If yes, please explain in detail:
__________________________________________________________________

22. Do you know any carnivore body parts that are used for preparing traditional medicines?  
a. Yes    b. No;   If yes, please explain in detail:  
Which animal? ________________
Which part of its body? ___________________________
For which disease? _______________________________
23. What are the common prey types for lions in Gambella?

24. Do people kill lions in Gambella?       a. Yes       b. No
    If yes, please explain why

V. Livestock depredation

25. Do you have livestock?       a. Yes       b. No
    If yes, please fill the table below. If No, please move to question 33.

<table>
<thead>
<tr>
<th>Livestock species</th>
<th>Sex</th>
<th>Age level</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Male</td>
<td></td>
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<td>Female</td>
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<td></td>
<td>Young</td>
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<td></td>
<td>Adult</td>
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<td></td>
<td>Old</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Cow</th>
<th>Donkey</th>
<th>Sheep</th>
<th>Goat</th>
<th>Ox</th>
<th>Others</th>
</tr>
</thead>
</table>

26. Did you lose livestock as a result of lion depredation? If yes, please fill the table below.

<table>
<thead>
<tr>
<th>Species</th>
<th>Sex</th>
<th>Age</th>
<th>Number</th>
<th>Depredation place</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cattle</td>
<td></td>
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<td></td>
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<tr>
<td>Donkey</td>
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<tr>
<td>Sheep</td>
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<tr>
<td>Goat</td>
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<tr>
<td>Others</td>
<td></td>
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</tbody>
</table>
27. Do you think you can avoid depredation?  a. Yes  b. No

28. What method you use to limit/avoid livestock depredation?
   a. Dog               c. Guard/Shepherd
   b. Enclosures/Fences d. Fire
   e. Others; please specify: __________________________________________

29. According to you, among the above given depredation mitigation options, which are effective? Give a score of 1 to 3: from the most effective to effective)
   1.                                   2.                                     3.

30. How far away is your livestock grazing area from your house?
   Dry season _____________________ Wet season _____________________

31. Have you ever lost livestock due to disease?  a. Yes  b. No
   If yes, please give details:
   a. Which animals did you lose? How many? ________________
   b. Which disease? ________________________________________
   c. When? Month ________________ Year ________________

32. Have you ever lost livestock due to theft?  a. Yes  b. No
   If yes, please give details:
   a. Which animals did you lose? How many? ________________
   b. Where were they stolen from and how? ___________________
   c. When were they stolen? Month ____________ Year ____________

33. What can be a suitable remedial measure to reduce depredation by lions?
   a. Killing all lions
   b. Killing the problem causing individual lions
   c. Relocating all the lions
   d. Keeping livestock in a strongly fenced area
   e. Better protection of livestock
   f. Others; please explain _______________________________________

34. In your opinion; what is the trend of livestock attacks by lions these last five years?
   a. It has increased                     c. It has not changed
   b. It has decreased                    d. I do not know
35. Do you think people who lost livestock to lion attacks should be compensated?
   a. Yes   b. No
   Why? ________________________________________________________________

36. When do you think the livestock predation by lions takes place?
   a. Mornings (6:00-12:00)
   b. Afternoons (12:00-18:00)
   c. Nights (18:00-23:00)
   d. Around and past midnight to Dawn (23:00-6:00)
   e. I do not know

37. In your opinion, why do lions attack livestock?
   a. Lack of wild prey
   b. Because livestock graze close to (and inside) lion habitats
   c. Because they are violent in nature
   d. Because they are habitual raiders
   e. I do not know
   f. Other reasons; please explain: _______________________________________

38. Do lions attack people?    a. Yes   b. No

39. If yes, what preventive techniques do you use to avoid being attacked by a lion?
   _________________________________________________________________
   _________________________________________________________________

40. Has anyone from your immediate family been attacked by a lion?
   a. Yes   b. No
   If yes:
   a. What type of attack was it? _______________________________________
   b. Where did it happen? ____________________________________________
   c. How did it happen? _____________________________________________
   d. When did it happen? Month__________ Year ________________

41. Do you have any comments, observations or recommendations about livestock production, lion conservation, and the problem of depredation?
   _________________________________________________________________
   _________________________________________________________________
   _________________________________________________________________
   _________________________________________________________________
   _________________________________________________________________