Assessing the hunting practices of Namibia’s commercial seal hunt

Following mounting public concerns regarding the treatment of animals in recent years, there has been increasing interest in the development of science-based guidelines for animal welfare in industries such as agriculture and hunting.1,2,3 In the latter case, for example, the European Food Safety Authority (EFSA) was requested by the European Commission, in 2007, to issue a scientific opinion regarding welfare aspects of seal hunting and to assess the most appropriate killing methods, to reduce unnecessary suffering. As part of its assessment, EFSA’s Scientific opinion4 compared seal hunting to the killing of livestock in abattoirs. It noted that while slaughter conditions vary considerably, the goal should be the same: to kill animals with the minimum amount of pain, distress and fear and without causing any avoidable suffering. The report concluded that there was strong evidence that effective killing is not always practiced during seal hunts and that unnecessary and avoidable pain and suffering occurs.

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Pagophilus groenlandicus in the White Sea in February 20095 and banned the killing of all seals under the age of one year in March of 2009.6 Two months later, the European Parliament voted 550–49 in favour of a resolution banning the importation of seal hunt products, which comes into effect in 2010.7 Canada and Norway have subsequently lodged challenges against the EU ban with the World Trade Organization.8

The hunt that is most familiar to followers of the sealing debate around the world is Canada’s commercial harp seal hunt. This and other Northern Hemisphere seal hunts, mainly for pagophilic seals, comprise nearly 90% of the ca.750 000 pinnipeds (fur seals, sea lions, walrus and true seals) hunted each year.9 Less well known, is the only remaining Southern Hemisphere seal hunt, where the other 10% is taken.

The annual hunt for the Cape fur seal Arctocephalus pusillus pusillus occurs at breeding colonies situated along Namibia’s desert coastline. This article focuses on the mode of hunting in the Namibian seal hunt which, it is argued, is inherently unsuited to ensuring humane killing standards that are in keeping with hunting best practices. Where applicable, comparisons are made with hunting techniques in the Northern Hemisphere, in particular with Canada’s commercial harp seal hunt.

Firstly, some background is required on the best practices for ensuring humane killing of seals during commercial hunts, as put forward by EFSA9 and, previously, by other veterinary panels, including the report of the Independent Veterinarians Working Group on the Canadian harp seal hunt.10 The recommended best practice involves a ‘three-step’ killing process consisting, in rapid succession, of (1) stunning, (2) monitoring and (3) the bleeding out each individual seal killed. Stunning refers to an effective method of destroying brain sensory function (e.g. rifle shot, hakapik or club). After stunning, an animal immediately must be carefully monitored and, if there is any doubt that the animal is irreversibly unconscious or dead, it should be immediately re-stunned. Palpation of the skull9 or observing the presence or absence of a corneal (blink) reflex,9 are the recommended ways of assessing and monitoring effective destruction of the brain. Bleeding out, whereby major blood vessels are severed, must then be carried out immediately to ensure ‘humane slaughter’.10

Canada’s commercial harp seal hunt targets weaned pups when they are about 1 to 3.5 months old. These animals tend to lie on the ice where they are shot (usually from a boat) or approached by hunters and stunned with a hakapik or club. In contrast, the bulk of the Cape fur seals killed in Namibia’s commercial seal hunt (at least 90%) are older pups between the ages of 7 and 10 months.10 Most of these animals are, however, still nursing because, unlike harp seals, weaning in Cape fur seals occurs between 8 and 11 months of age.9,10

Some other important factors distinguish the hunt for Cape fur seals from northern hunts for true seals, such as Canada’s commercial harp seal hunt. The harp seals that are targeted by the hunters are scattered across the ice on which they were born. In contrast, Cape fur seal pups are hunted on

Note:
Zoologists Stephen Kirkman and David Lavigne were members of the EFSA’s Working Group on the animal welfare aspects of seal hunting and to assess the most appropriate killing methods, to reduce unnecessary suffering. As part of its assessment, EFSA’s Scientific opinion compared seal hunting to the killing of livestock in abattoirs. It noted that while slaughter conditions vary considerably, the goal should be the same: to kill animals with the minimum amount of pain, distress and fear and without causing any avoidable suffering. The report concluded that there was strong evidence that effective killing is not always practiced during seal hunts and that unnecessary and avoidable pain and suffering occurs.

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land in their natal breeding colonies, which – characteristically of fur seal species – are extremely crowded. The particular colonies that are subjected to the hunt in Namibia are three of the four largest Cape fur seal colonies, together producing approximately 135 000 pups each year. Variable numbers of lactating mothers, sub-adults and adult males are always ashore at the time of the hunt. Within these colonies, pups that are not suckling tend to congregate in large, dense groups; the density of these congregations and the relatively small size of individual pups make them unsuitable targets for marksmen. Clubbing, therefore, is the only method used for stunning.

Another characteristic of fur seals is their agility on land. Whereas harp seals and other true seals have restricted mobility on solid substrates and move using a crawling or swimming motion, fur seals are able to walk and even ‘gallop’ on solid terrain and are capable of moving nearly as fast as an average man can run over rough terrain. Their locomotory abilities, their dense occurrence and the fact that they flee from advancing humans, entail that approaching pups individually to club them is impracticable. Instead, pups are rounded up into a large group before they are clubbed. The regulations for the hunt stipulate that small groups of animals must then be released from the large group, once it is secured, to move between rows of clubbers as they try to escape in the direction of the sea.

Because the probability of accurately striking a moving target is lower than for a more stationary one (especially on rough terrain), there is an even greater likelihood of ineffective stunning in the Cape fur seal hunt than in a harp seal hunt, assuming that the latter is conducted under suitable environmental conditions and that sealers are conscientious about their work. Veterinarians representing the USA Endangered Species Division of the National Oceanic and Atmospheric Administration, who were tasked with observing the Cape fur seal hunt in the early 1970s, found that stunning was often ineffective and in many cases, several blows were landed before an animal was rendered unconscious, or animals were stunned so lightly that consciousness was regained or partially regained before bleeding out occurred.

Regarding the comparison made by EFSA between seal hunting and the slaughter of livestock, it may be argued that the hunting of seals and many other wild animals (excluding the use of any form of trapping or poisoning techniques) is inherently more humane than livestock slaughter in abattoirs – wild-hunted animals that occur in herds. Rounding up and driving animals that are rounded up, disturbance also affects other animals that are rounded up, to move between rows of clubbers as they try to escape in the direction of the sea.

In light of the available evidence of indifference to hunting regulations and best practices in the Namibian and in other seal hunts, little appears to have changed since long-standing concerns about the inhumane killing of seals were reiterated in the EFSA Scientific opinion. Whether best practices for humane slaughter can ever be implemented successfully in large-scale seal hunting operations, remains doubtful.

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REFERENCES