The illustrations and data provided in these documents were inspired from the results of the trap testing completed through the work of the Trap Research and Development Committee of the Fur Institute of Canada





FUR INSTITUTE OF CANADA

February 2024





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DESIGN AND COORDINATION

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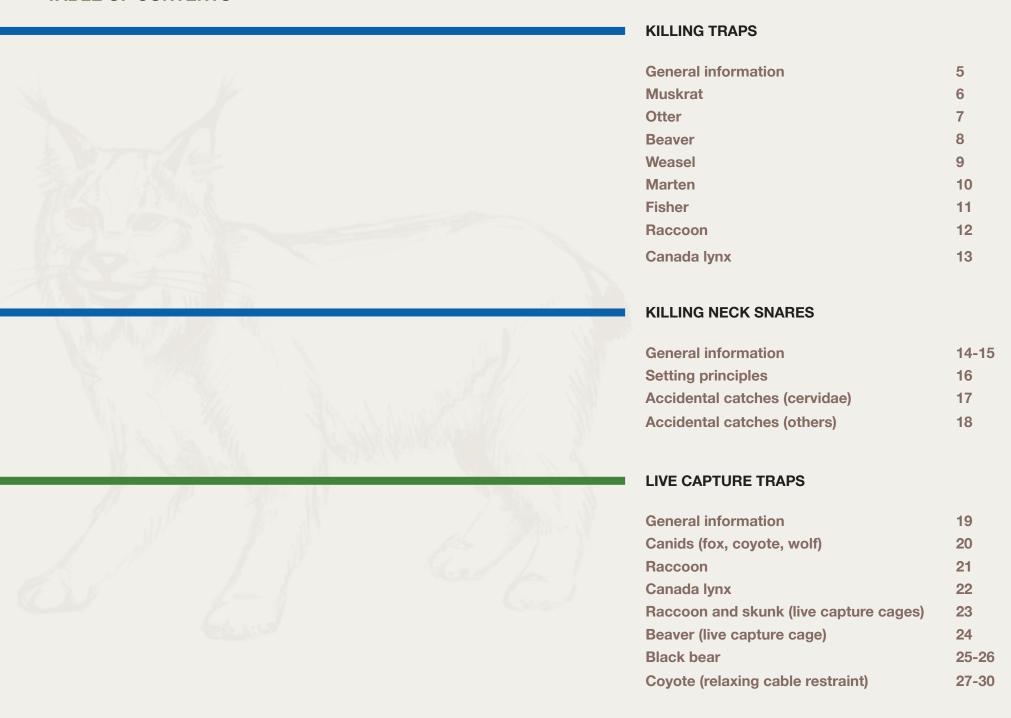
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Mélinda Morissette

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February 2024

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IMPORTANT NOTICE:

Check with the authorities in charge of wildlife to confirm regulations related to trap use in your trapping area.

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Best Trapping Practices

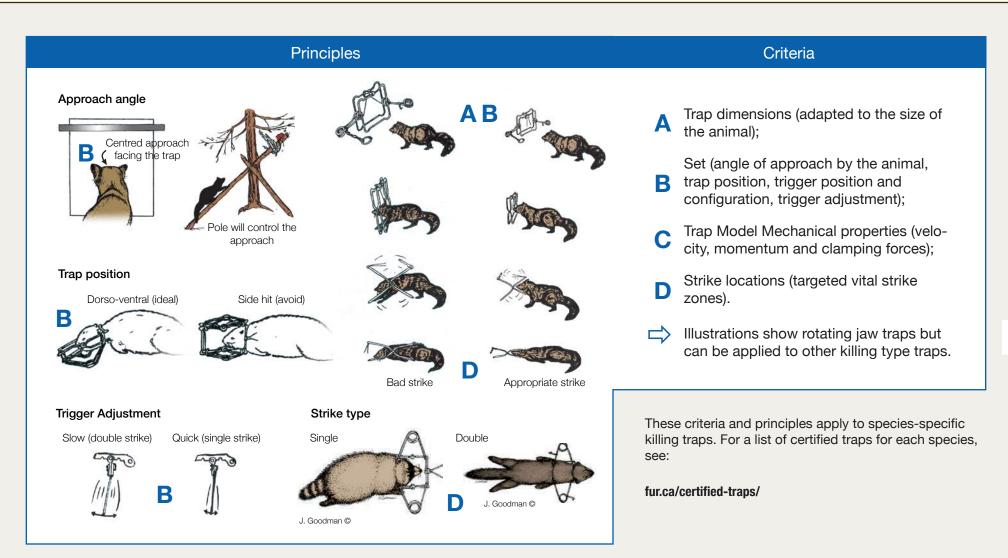
GENERAL INFORMATION

KILLING TRAPS





→ Check with the authorities in charge of wildlife to confirm regulations related to trap use in your trapping area



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Best Trapping Practices

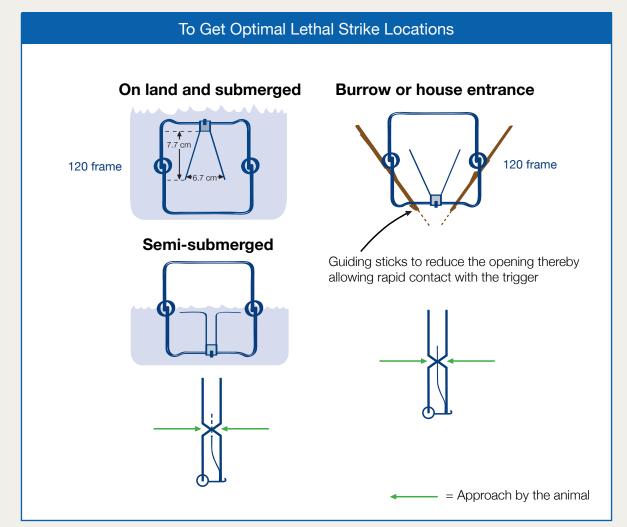
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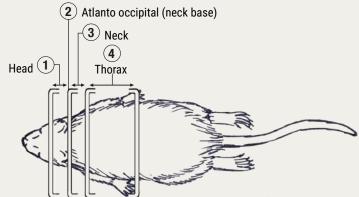
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MUSKRAT

→ Check with the authorities in charge of wildlife to confirm regulations related to trap use in your trapping area



Obillia Tima	Recommended Strike Locations				
Strike Type	1	2	3	4	
Single	✓	✓	✓	✓	



These specifications only apply to killing traps for this species. For a list of certified traps, see:

fur.ca/certified-traps/

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Best Trapping Practices

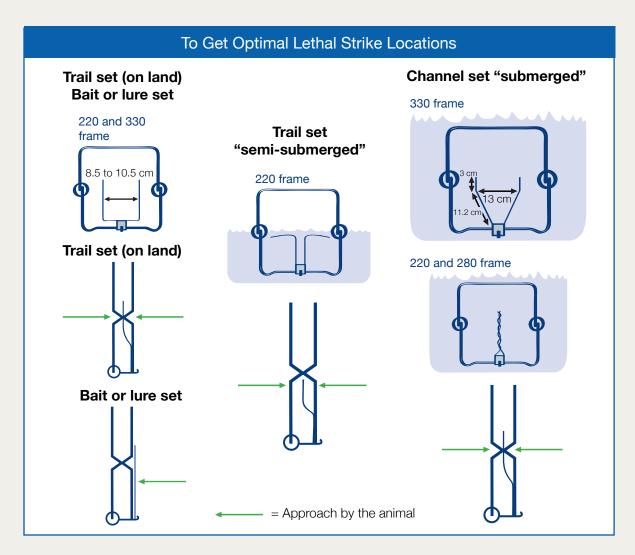
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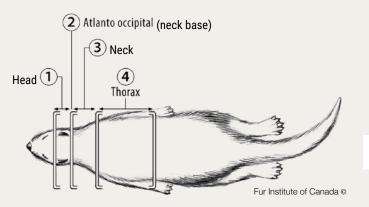
→ Check with the authorities in charge of wildlife to confirm regulations related to trap use in your trapping area

OTTER



Ohilles Torses	Recom	mended	Strike Lo	cations
Strike Types	1	2	3	4
Single		✓	√	✓
Double*	✓	✓	✓	✓

* Any combination of thorax ④ and strike location ① or ② or ③.



These specifications only apply to killing traps for this species. For a list of certified traps, see:

fur.ca/certified-traps/

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Best Trapping Practices

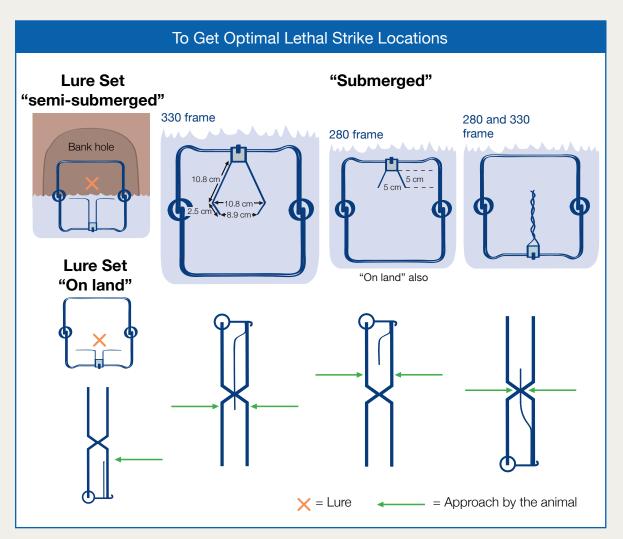
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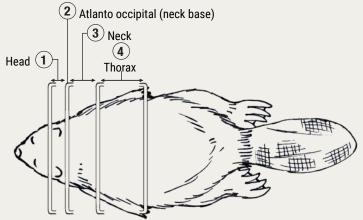
→ Check with the authorities in charge of wildlife to confirm regulations related to trap use in your trapping area

BEAVER



Chuilea Tirrana	Recom	mended	Strike Lo	cations
Strike Types	1	2	3	4
Single	✓	✓	√	✓
Double*	✓	✓	✓	✓

* Any combination of thorax ④ and strike location ① or ② or ③.



These specifications only apply to killing traps for this species. For a list of certified traps, see:

fur.ca/certified-traps/

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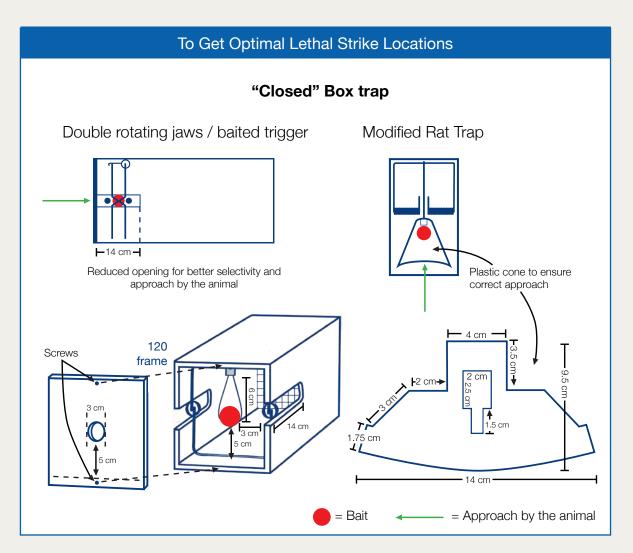




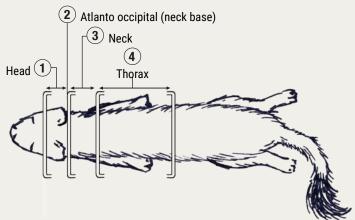


→ Check with the authorities in charge of wildlife to confirm regulations related to trap use in your trapping area

WEASEL



Obvilsa Tuna	Recommended Strike Locations				
Strike Type	1	2	3	4	
Single	✓	✓	✓	✓	



These specifications only apply to killing traps for this species. For a list of certified traps, see:

fur.ca/certified-traps/

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Best Trapping Practices

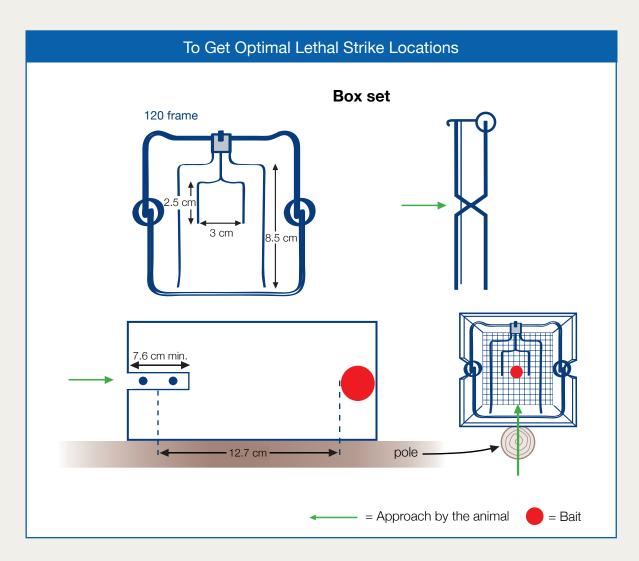
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KILLING TRAPS



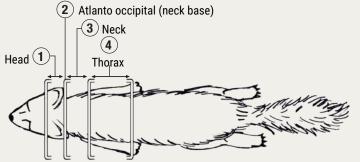
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→ Check with the authorities in charge of wildlife to confirm regulations related to trap use in your trapping area



Obiles Torses	Recommended Strike Locations				
Strike Types	1	2	3	4	
Single	1	1	1	✓	
Double*	✓	✓	✓	✓	

* Any combination of thorax ④ and strike location ① or ② or ③.



These specifications only apply to killing traps for this species. For a certified traps list, see:

fur.ca/certified-traps/



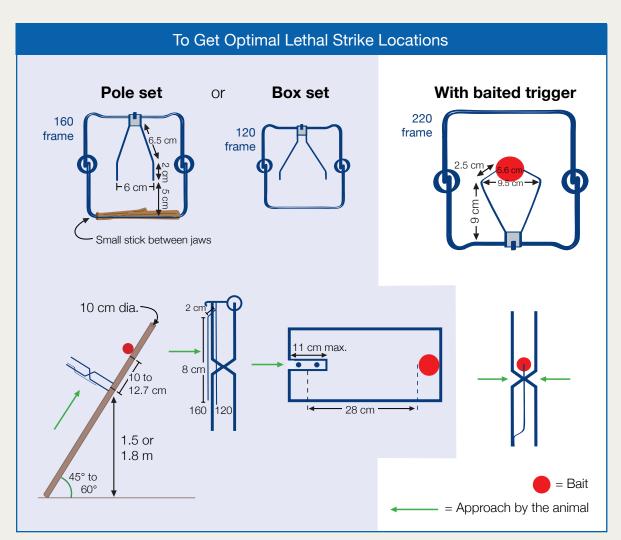
KILLING TRAPS



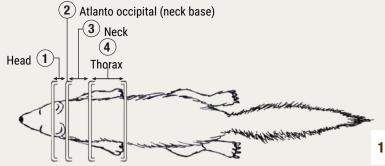


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FISHER



Strike Type	Recommended Strike Location			
	1	2	3	4
Single		✓		



These specifications only apply to killing traps for this species. For a list of certified traps, see:

fur.ca/certified-traps/

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Best Trapping Practices

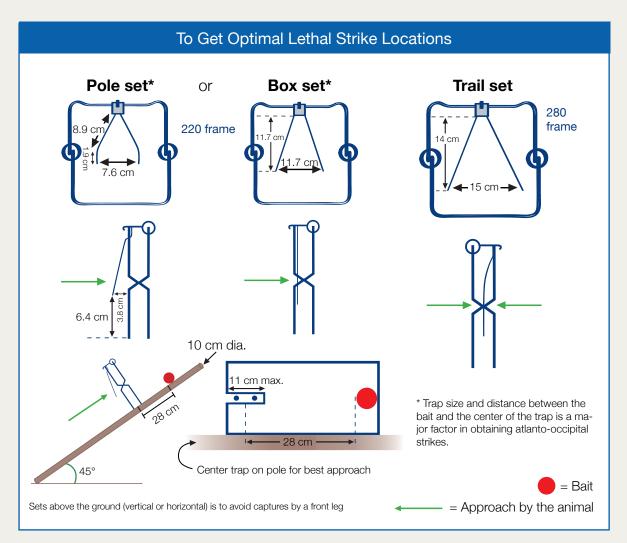
KILLING TRAPS



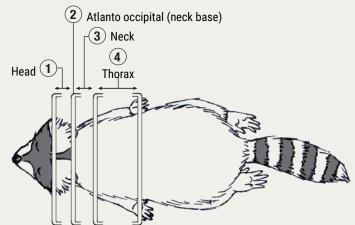


→ Check with the authorities in charge of wildlife to confirm regulations related to trap use in your trapping area

RACCOON



Obvilsa Tura	Recommended Strike Location				
Strike Type	1	2	3	4	
Single		✓			



These specifications only apply to killing traps for this species. For a list of certified traps, see:

fur.ca/certified-traps/

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Best Trapping Practices

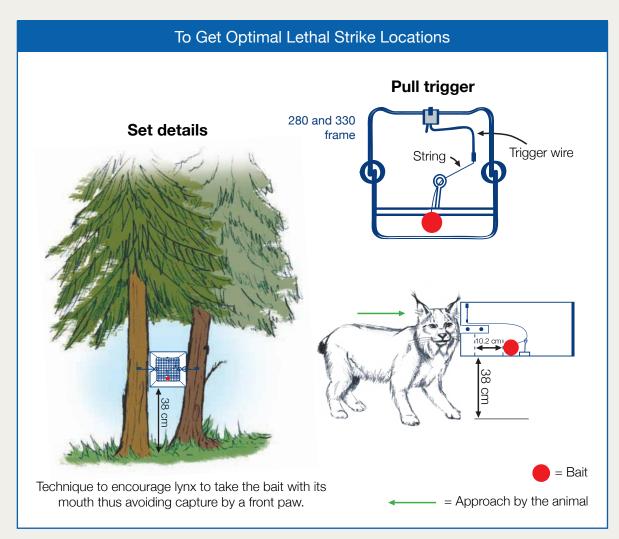
CANADA LYNX

KILLING TRAPS

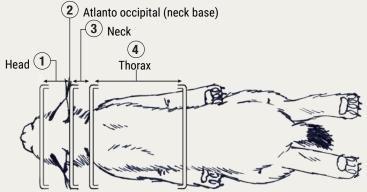




→ Check with the authorities in charge of wildlife to confirm regulations related to trap use in your trapping area



Obiles Tors	Recommended Strike Location			
Strike Type	1	2	3	4
Single			✓	



These specifications only apply to killing traps for this species. For a list of certified traps, see:

fur.ca/certified-traps/

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Best Trapping Practices

KILLING NECK SNARES

Cam lock with teeth



Recommended design and components

Trigger



Ferrule

Flat washer

Stinger torsion spring

(compressed)

→ Check with the authorities in charge of wildlife to confirm regulations related to trap use in your trapping area

GENERAL INFORMATION

Types of cable (galvanized steel)

Target species	Diameter (inches)	Construction
+ Lynx/Bobcat + Fox/Coyote	1/16 and 5/64	1 x 19 and 7 x 7
Wolf	3/32 and 5/64	1 x 19 and 7 x 7

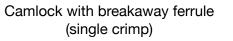
Lights out torsion spring (compressed)

Types of breakaway devices

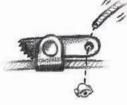
S-Hook + J-Hook

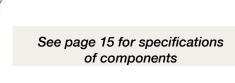


Camlock with teeth and S-Hook

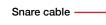


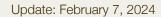






Breakaway





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Best Trapping Practices

GENERAL INFORMATION | K

KILLING NECK SNARES





→ Check with the authorities in charge of wildlife to confirm regulations related to trap use in your trapping area

Recommended Parts



Torsion springs

Model	Foxes	Lynx/ Bobcat	Coyote	Wolf
*Stinger 22 Mag Economy	✓	✓	✓	
*Stinger 22 Mag Deluxe	✓	✓	✓	✓
*Stinger 33 Mag Deluxe			✓	✓
**Lights Out A1	✓	✓	✓	✓
**Lights Out Signature 75			✓	✓

*All Stinger springs to be mounted with #2 trigger.

**All Lights out springs to be mounted with Lights Out incorporated trigger.

Camlocks with teeth (e.g. Bridger Sure-Hold Camlock with teeth) or other designs that will stay in place while the torsion spring is opening. They must be of the same diameter as the snare cable.

Breakaway model	Hold foxes/lynx/ bobcat	Hold coyote/ foxes/lynx/ bobcat	Hold wolf/coyote/ foxes/lynx/ bobcat	Release white-tailed deer/mule/ caribou	Release elk/moosel	
				(Caught	by a leg)	
Senneker S-Hook 265	✓			✓	✓	
Senneker S-Hook 385	✓	✓		✓	✓	
Senneker S-Hook 750	✓	✓			✓	
Senneker S-Hook 1000	✓	✓	✓		✓	
		Snare Sho	op			
S-Hook 285	✓	✓		✓	✓	
S-Hook 525	✓	✓	✓		✓	
Sullivan S-Hook 280	✓	✓		✓	✓	
J-Hook 285	✓	✓		✓	✓	
J-Hook 350	✓	✓			✓	
Fastach #150 or Ferrule/single crimp						
1/16" cable	✓	✓		✓	✓	
3/32" cable	✓	✓	✓		✓	
5/64" cable	✓	✓	✓		✓	
Fastach	√	√		✓	✓	

Breakaway devices

Note: the breakaway model numbers may not match the values obtained by standardized testing (e.g. S-Hook 285 releases at 335 lb).

THE CANADA

Best Trapping Practices

SETTING PRINCIPLES

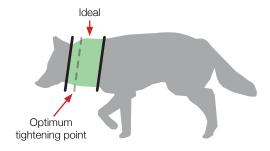
KILLING NECK SNARES



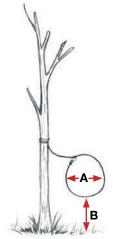


→ Check with the authorities in charge of wildlife to confirm regulations related to trap use in your trapping area

Strike zone (Canids + Felids)

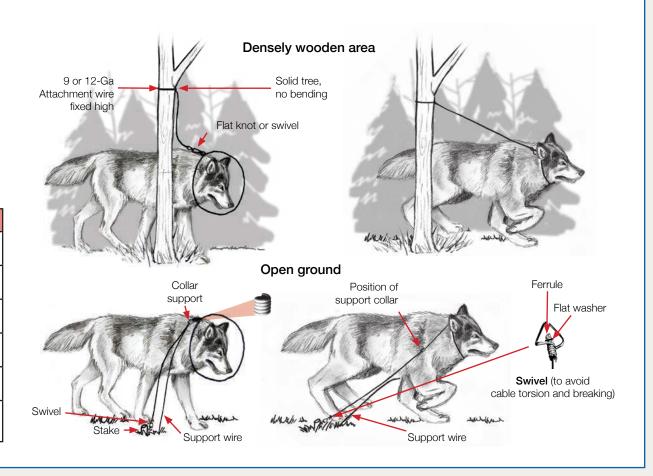


Loop diameters and setting heights



Species	Α	В
Fox	18 cm (7")	18 cm (7")
Bobcat	20.5 cm (8")	20.5 cm (8")
Lynx	20.5 cm (8")	30.5 cm (12")
Coyote	25 cm (10")	25 cm (10 to 12")
Wolf	35 cm (14")	35 cm (14")
Wolf (Northern)	40.5 cm (16")	45.5 cm (18")

Snare set sites and attachment points vs. strike zone (Canids + Felids)



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Best Trapping Practices

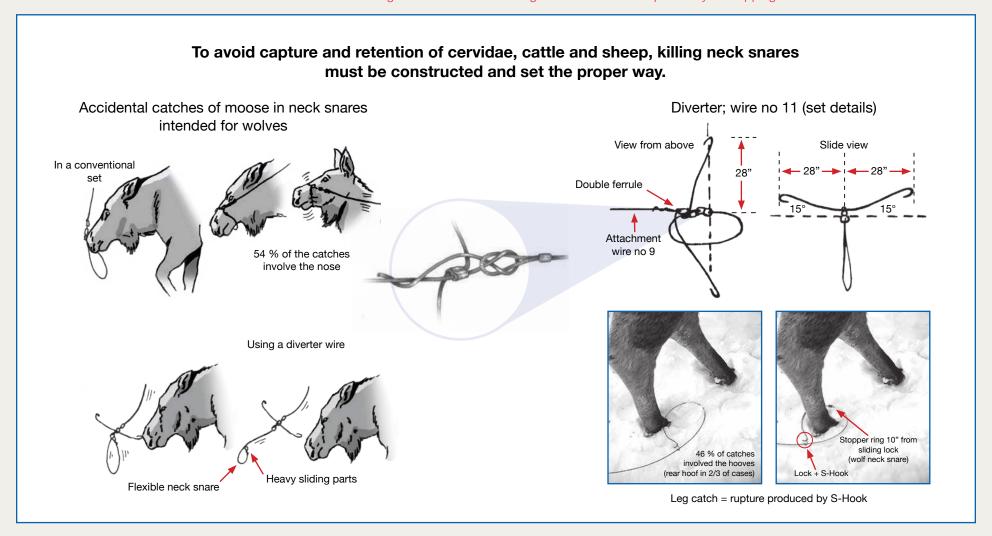
ACCIDENTAL CATCHES (cervidae, cattle, sheep)

KILLING NECK SNARES





→ Check with the authorities in charge of wildlife to confirm regulations related to trap use in your trapping area



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Best Trapping Practices

ACCIDENTAL CATCHES KILLING NEC

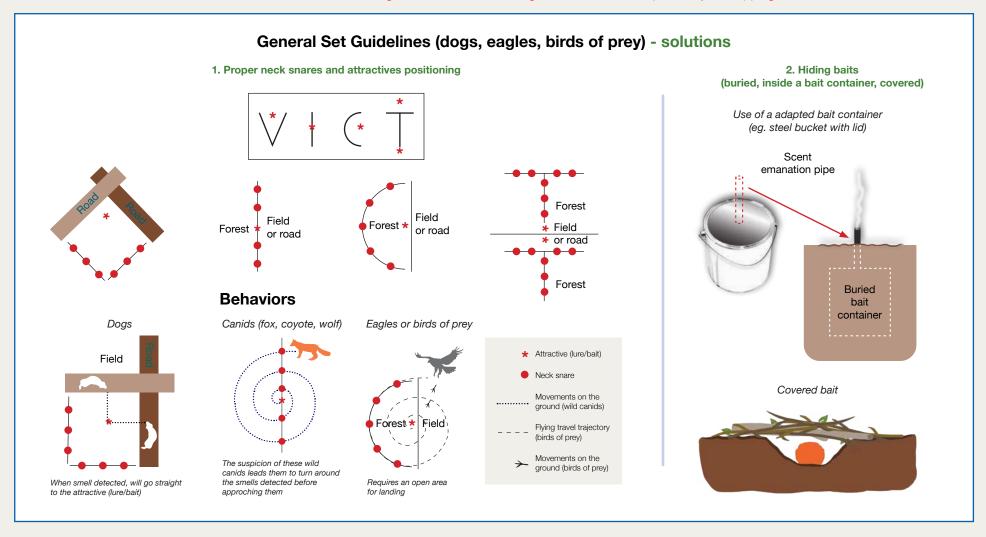
(dogs, eagles, birds of prey)







→ Check with the authorities in charge of wildlife to confirm regulations related to trap use in your trapping area



For more information on proper birds of prey handling and rehabilitation techniques, consult: uqrop.qc.ca/en/Update: February 7, 2024

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Best Trapping Practices

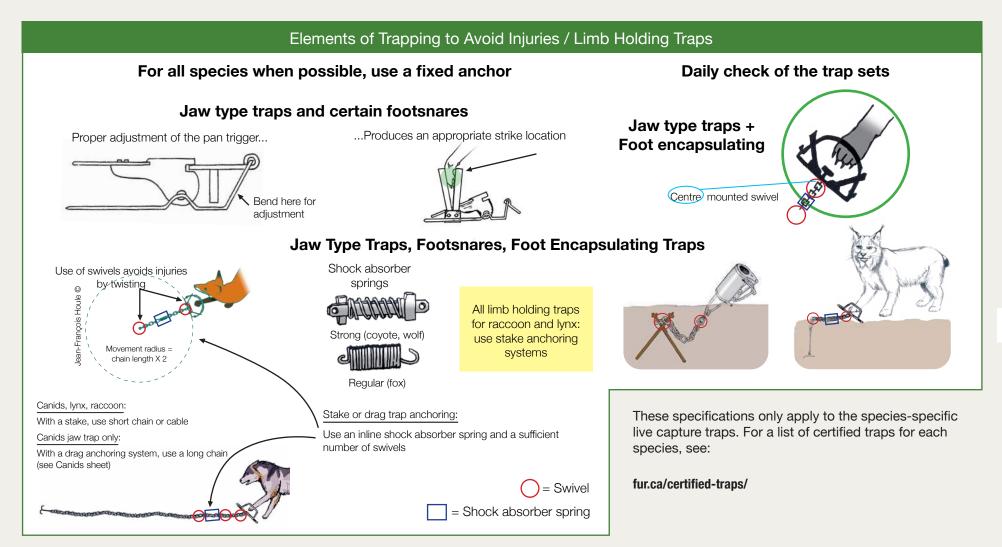
GENERAL INFORMATION

LIVE CAPTURE





→ Check with the authorities in charge of wildlife to confirm regulations related to trap use in your trapping area



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Best Trapping Practices

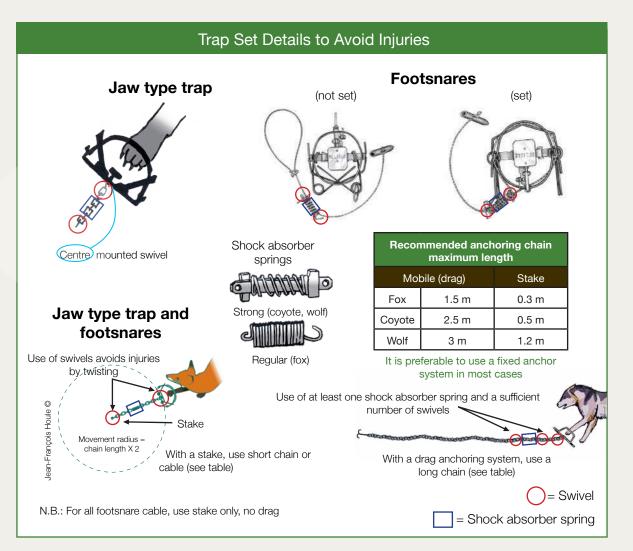
CANIDS (fox, coyote, wolf)

LIVE CAPTURE



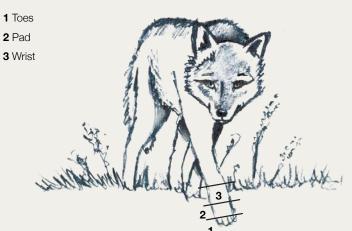
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FOOTSNARE / JAW TYPE TRAP

Optimal Strike Locations				
1	2	3		
✓	✓			



These specifications only apply to the live capture traps for these species. For a certified trap list for coyote and wolf, see:

fur.ca/certified-traps/

For more details, check the PIGEC manual (ftgq.qc.ca/boutique/manuel-pigec) Update: February 7, 2024

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Best Trapping Practices

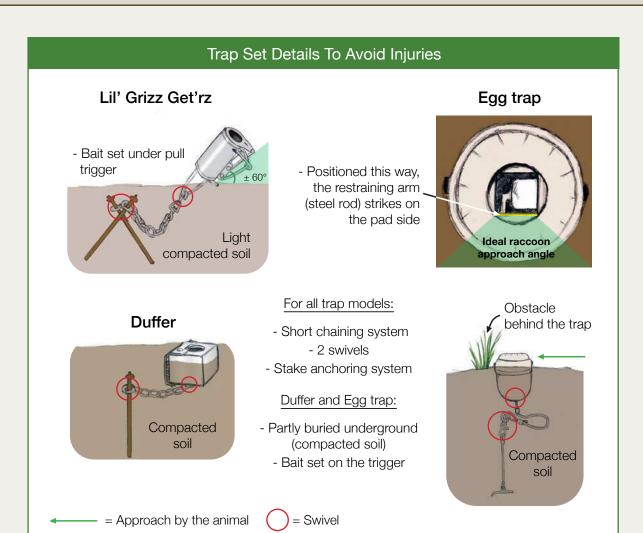
RACCOON

LIVE CAPTURE



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→ Check with the authorities in charge of wildlife to confirm regulations related to trap use in your trapping area



FOOT ENCAPSULATING TRAPS

Optimal Strike Location					
1	2	3			
	✓				



These specifications only apply to the live capture traps for this species. For a list of certified traps, see:

fur.ca/certified-traps/

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Best Trapping Practices

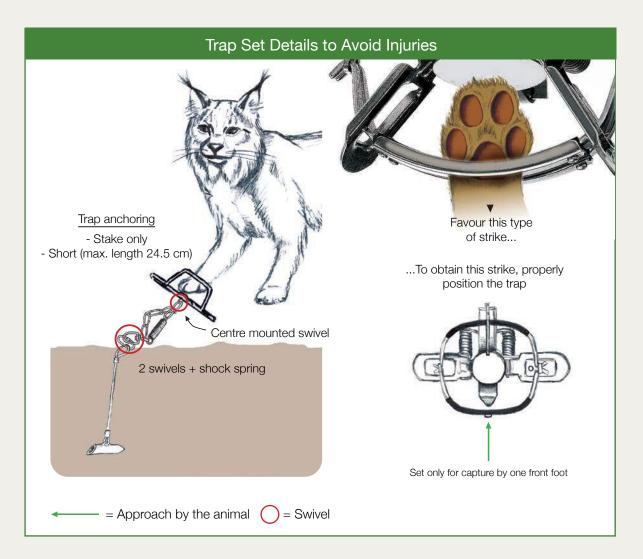
CANADA LYNX

LIVE CAPTURE



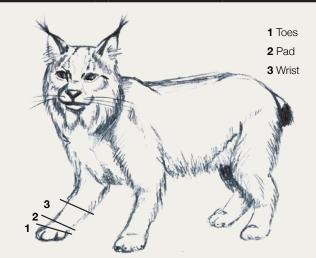
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FOOTSNARE / JAW TYPE TRAP

Optimal Strike Locations				
1	2	3		
√	✓			



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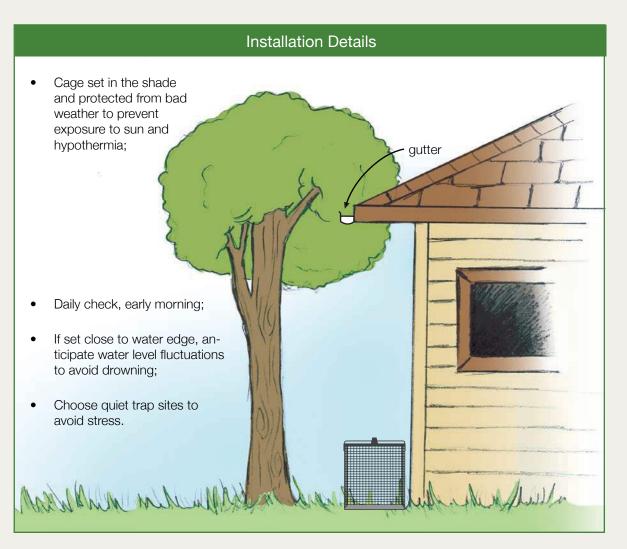
GENERAL INFORMATION

LIVE CAPTURE CAGES

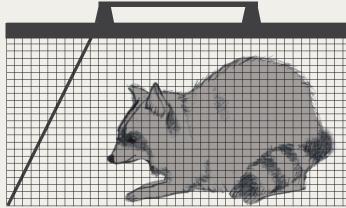


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For a list of raccoon certified traps, see:

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Best Trapping Practices

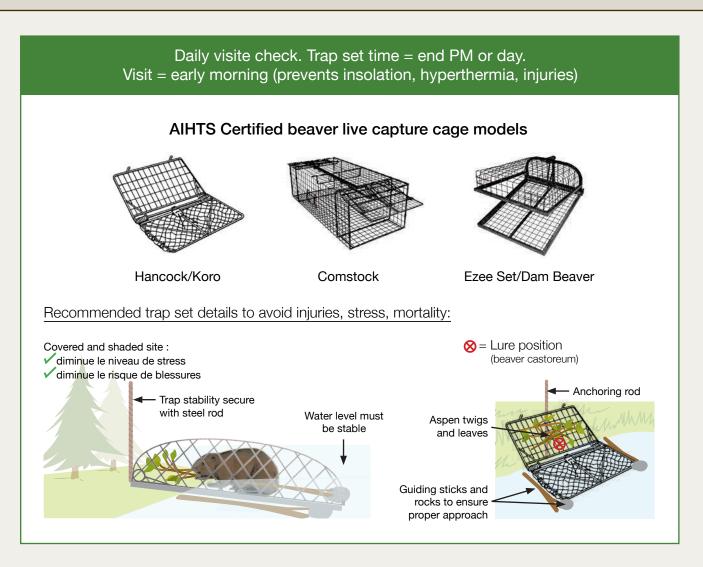
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LIVE CAPTURE

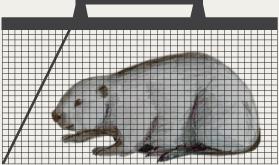


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fur.ca/certified-traps/

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BLACK BEAR

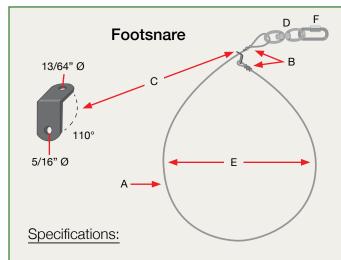
LIVE CAPTURE

FOOTSNARE MAX. 24 HOURS TRAP CHECK



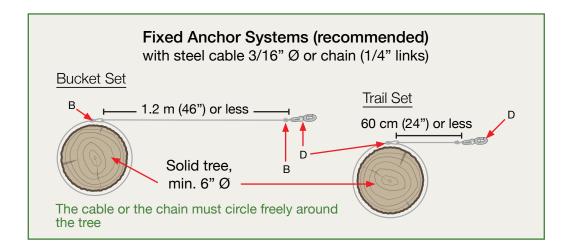


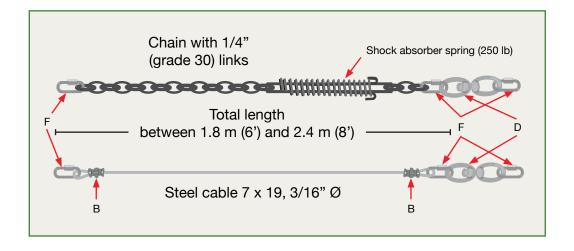
→ Check with the authorities in charge of wildlife to confirm regulations related to trap use in your trapping area



- A. Flexible steel cable, construction 7 x 19, 3/16" diameter
- B. Double ferrule 3/16"
- C. Lock: 110° angle, 3/16" thickness, 5/8" width, rounded edges (single use)
- D. Swivel: minimum 880 lb test
- E. Diameter of 6" and less (bucket set) 8" and less (trail set)
- F. Quick link 5/16 (1 760 lb test)

IMPORTANT: fixed anchor ensures a more reliable operation of the footsnare swivel.







BLACK BEAR

LIVE CAPTURE





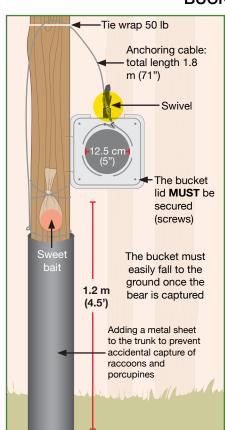


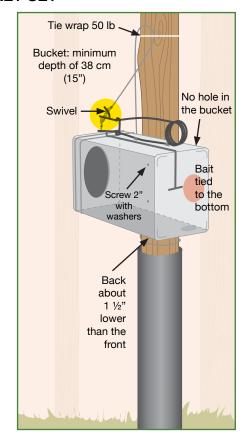
→ Check with the authorities in charge of wildlife to confirm regulations related to trap use in your trapping area

THE SWIVEL MUST ALWAYS BE FUNCTIONAL

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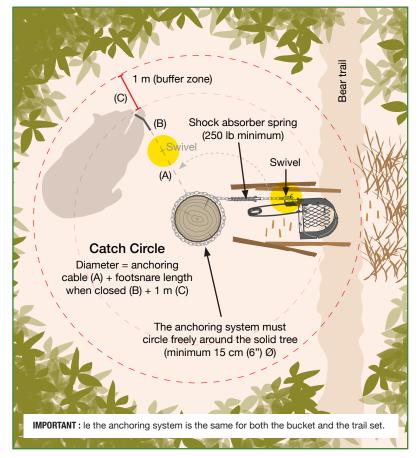
BUCKET SET





IMPORTANT: the anchoring system is the same for both the bucket and the trail set.

TRAIL (GROUND) SET





COYOTE

LIVE CAPTURE

RELAXING CABLE RESTRAINT





→ Check with the authorities in charge of wildlife to confirm regulations related to trap use in your trapping area

RECOMMENDED TRAPPING PRACTICES AND CABLE SYSTEM COMPONENTS AND DESIGN

Relaxing cable restraint is a cable used to capture and hold an animal by the neck with the objective of maintaining it alive while minimizing injuries during the contention time period.

It is used in several parts of North America to live capture coyotes for different reasons, mainly where there is a risk of incidental capture of non-target species such as domestic dogs, live-stock and big game species.

Properly built and set, it allows for the releasing of non-target animals and, if necessary, of target species with minimal harm.

Ongoing recent trap research programs in Canada and the USA involving government agencies, veterinarians, trappers, trap manufacturers have permitted to identify different characteristics that will permit to achieve these goals for the capture of coyotes. This document is identifying these different components that trap research results have confirmed as to be the basic ones in order to minimize injuries and stress to captured animals.

Since capture efficiency and selectivity are related to local field conditions and wildlife species, and therefore can vary from one region to the other, we recommend that you consult your provincial or state wildlife agencies and trappers association to learn about the best applicable setting techniques in your trapping area.

CABLE (AVIATION CABLE)

- Strand Construction: single 1 \times 19 or 1 \times 7, multi 7 \times 7 or 7 \times 19;
- Diameter: 1/8" or 3/32". If too small, it will increase possibility of injuries and chewing by coyote (escape).

LOCKS (RELAXING)

- Relaxing models, e.g. Micro Lock, Penny (90-Degree Bend Washer Lock),
 Kaatz Relax-a-Lock, Berkshire Washer Lock, Reichart™ Washer Lock, No. 4
 Gregerson™ Lock, BMI™ Slide Free Lock;
- Passively non-powered activated (by the animal itself);
- No Powered assisted locks (e.g. Ram Power Snare, Stinger Spring, Amberg Spring).

CABLE LOOP (FIGURES 1, 3)

- Size (diameter) minimum 10" (25 cm), maximum 12" (30 cm);
- Height from the ground to the bottom part of the loop: 10" (25 cm);
- Deer Stop (to prevent capture by a leg): single ferrule cramped on cable to allow a closed loop at 2 ½" (6 cm) diameter.

SWIVEL

- Install swivel number 1 on the cable as close as possible to the end of the 10 to 12" (25 to 30 cm) diameter snare loop; (FIGURES 1, 4)
- Install swivel number 2 at the end of the cable extension on the fixed anchoring point. Cable extension must be as short as possible; (FIGURES 1, 4)
- Captured animal must be able to circle (360°) freely around the fixed anchoring point. (FIGURES 4, 5, 6)

EXTENSION TO THE CABLE (FIGURE 2)

Must be as short as possible to prevent a whipping action when the coyote in movement hits the full extension of the cable. This reduces the risk of injury and possible cable entanglement resulting in death. (FIGURE 4)

ANCHORING POINT

Snare cable or extension cable has to be attached to a solid (fixed) anchoring point directly by a swivel. The cable MUST be able to freely turn around the anchoring point. (FIGURES 4, 5, 6)

For ground stake, it should be a metal rod of 30" (75 cm). In loose substrate, use a double one. Ground cable anchor (e.g. Berkshire, Finned) and solid tree can also be used as anchors.

ENTANGLEMENT OF THE CABLE

There MUST BE NO entanglement of the snare or extension cable. The swivel(s) MUST be able to function freely during the captive time period. (FIGURE 4)

BREAKAWAY DEVICE (BIG GAME AND LIVESTOCK) (FIGURES 2, 3)

An appropriate breakaway component is added to allow self releasing of non-target species. Check appropriate resistance per species.



COYOTE

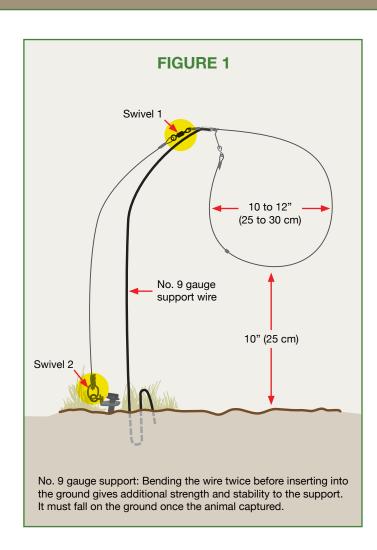
LIVE CAPTURE

RELAXING CABLE RESTRAINT

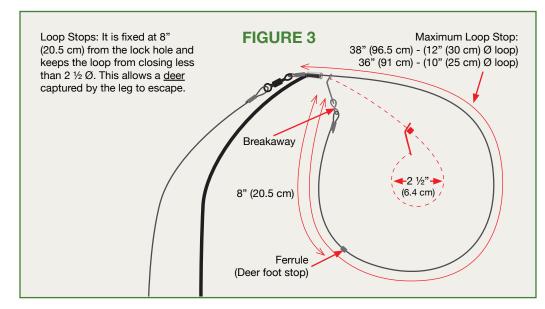




→ Check with the authorities in charge of wildlife to confirm regulations related to trap use in your trapping area









COYOTE

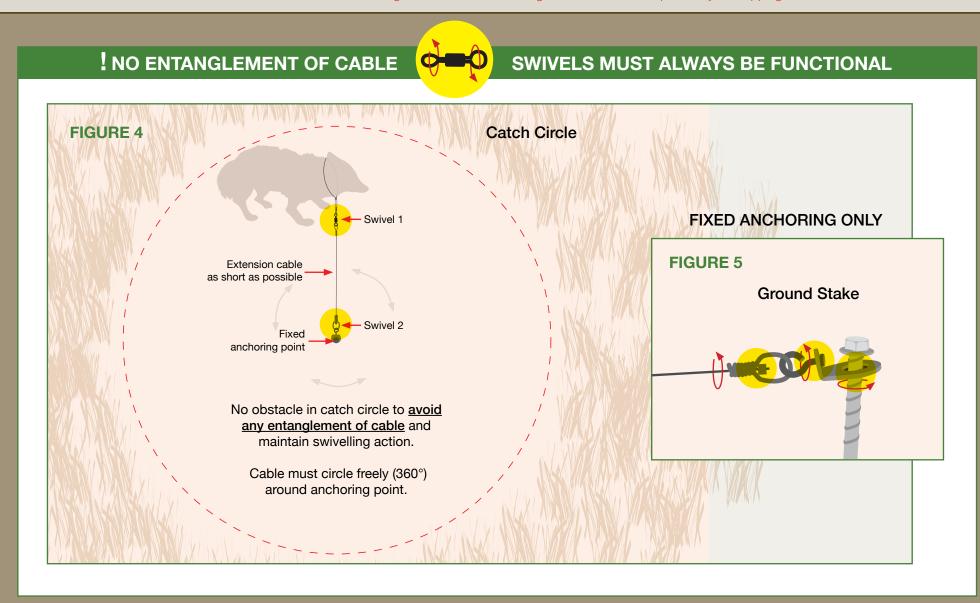
LIVE CAPTURE

RELAXING CABLE RESTRAINT





→ Check with the authorities in charge of wildlife to confirm regulations related to trap use in your trapping area



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Best Trapping Practices

COYOTE

LIVE CAPTURE

RELAXING CABLE RESTRAINT





→ Check with the authorities in charge of wildlife to confirm regulations related to trap use in your trapping area

COYOTE RELAXING CABLE RESTRAINT MEETING AIHTS* REQUIREMENTS DESCRIPTION OF COMPONENTS

KAATZ RELAX-A-LOCK, BERKSHIRE LOCK, 90-DEGREE BEND WASHER LOCK (PENNY LOCK) AND MICRO LOCK



Kaatz Relax-a-Lock



Berkshire Washer Lock



90-Degree Bend Washer Lock (Penny Lock)



Micro Lock

SNARE + SET CHARACTERISTICS

- 3/32" diameter 7×7 or 1 x 19 weave cable (both loop and extension).
- Devices of a total of 6' (1.83 m) in length composed of two parts: a 38" (96.5 cm) catch loop cable and a 34" (86.5 cm) extension cable.
- A first No. 8 barrel swivel placed between the loop and extension cables, 38" (96.5 cm) from the cable loop end (to create a maximum catch loop diameter of 12" (30 cm)).
- A second No. 9 wire end swivel attached for staking.
- A ferrule stop placed 8" (20.5 cm) from the cable end loop to create a 2.5" (6.4 cm) diameter loop stop (deer stop).
- A breakaway ferrule clamped on the cable end (behind the lock) and designed to break at 350 lb.
- Vinyl tubing as the snare support collar.
- Bottom of cable loop set between 9-12" (23-30 cm) from the ground or packed snow.

*Agreement on International Humane Trapping Standards

Source: Association of Fish and Wildlife Agencies, USA

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PUBLISHED BY THE

Fur Institute of Canada February 2024 (4th edition)

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Bibliothèque et Archives nationales du Québec 2024 ISBN: 978-1-0688803-0-8 (PDF)