Catching, Cleaning, and Cooking Bay Crabs

H.H. Horton

The Dungeness crab and the red rock crab are prominent in Northwest bay and coastal waters. As the name implies, red rock crabs are dark red on top. Dungeness crabs are reddish-tan to gray-purple above. Both are highly regarded for their sport and table values.

Recreational seasons are open all year in Oregon bays, and about the only time crabs aren't available is when extreme freshets reduce water salinity, forcing crabs oceanward to saltier water.

Biology

Dungeness crabs mature sexually at 1.5 years when they're about 4 inches wide. Males are 3 and 4 years old, respectively, when they reach minimum sport and commercial size. Mating occurs annually from April to September between hardshell males and softshell females.

Eggs (0.7 to 2.5 million) are carried under the females from October to December; they hatch from January through March. Male crabs may grow to 10 inches and live to 10 years.

These carnivorous crabs commonly eat small shrimps, clams, worms, and fish as well as most any other animal flesh. Dungeness crabs are found from the Aleutian Islands, Alaska, to central California.

Red rock crab biology is similar to that of the Dungeness crab. Mating occurs annually from June to August between hardshelled males and softshell females.

Eggs are carried under the female from December to March; they hatch from March through May.

Male crabs may grow to 6.75 inches. Information on maturity and age are unknown. Red rock crabs are carnivorous and feed on barnacles as well as other animal matter. They're distributed from the Aleutian Islands, Alaska, to southern California.

Catching

For bay crabbing, you'll need crab nets (rings) or crab traps (pots), bait, a measuring gauge, gloves, a container for holding crabs, and a boat and motor (figure 1). You can crab from piers and docks, if these are available and if you have permission to do so.

You can learn what part of a bay provides best crabbing success from local bay front businesses that cater to sports fishing. These establishments usually rent boats, motors, and crab nets, and they may sell bait.

An open top crab net consists of two large metal rings connected by netting on sides and bottom. A pulling rope and floats are attached to the front. Figure 1.—A crab trap (left) is bulkier than a crab net (right), but you can leave the trap unattended longer without fear of losing your crabs.

Figure 1. — A crab trap (left) is bulkier than a crab net (right), but you can leave the trap unattended longer without fear of losing your crabs.

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The pulling rope should be twice as long as the water is deep—
for example, use a 40-foot rope when you fish water 20 feet deep.

Mark your floats with your name or with distinct colors for easy iden-
tification. A bait holder or bait bag completes the equipment. Crab nets
lie flat on the bay bottom when dropped. When retrieved rapidly
with the pulling rope, they form a mesh-type net or basket that holds
the crabs.

Crab traps may be collapsible or
rigid, square or round. Funnels with
triggers are located on the sides and
allow the crabs to enter, but bar their
escape. A retrieving rope, floats, and
bait container are also needed.

Compared to nets, crab traps are
heavier, bulkier, and more expensive.
However, you can leave traps unat-
tended for long periods without fear
of losing trapped crabs.

Crabs are attracted by odor, and
you can use almost any type of meat
for bait (figure 2). Fresh fish carcasses
(except cabezon—crabs' natural
enemy) are excellent. If sea lions are
likely to rob bait from your net,
attach fish carcasses on the underside
of the ring or secure them in contain-
ers made from hardware cloth.

Red meats such as chicken and
turkey backs, condemned beef liver,
or other animal parts are effective
crab baits, and they don’t attract sea
lions. Catfood in perforated cans will
serve in a pinch.

Relate your crabbing to the tides.
The best crabbing generally occurs at
or just before slack tide—either low
or high. Best days for crabbing are
those when a minimal difference
exists between high and low tidal
stages. You can obtain tide tables
from most sporting goods stores.

Most bay crab fishing parties use
several nets or traps when crabbing.
The maximum number per person is
set by law, so be sure to consult cur-
tent regulations for your area. The
gear is usually placed in 10 to 20 feet
of water at intervals of 75 to 100
yards.

Lay out your gear in a straight line
parallel to—not across—the main
tidal or shipping channel so that
passing boats can easily maneuver to
avoid hitting your ropes or floats.

Pull your nets every 15 to 30
minutes, depending upon how fast
the crabs are coming to the bait. You
can check traps less frequently.

Always approach floats against the
tide. As your boat nears the net, pick
up your floats and gather in the line.

Don’t pull the ring until your boat
is almost directly overhead. This is
important! If you don’t retrieve the net
vertically and rapidly, the larger
crabs may escape over the top ring.
With traps, pulling can be more
leisurely.

The best way to handle crabs is by
quickly grasping one of the rear legs
or the rear central portion of the shell.

Figure 2.—Fish carcasses make good bait; you can attach them with wire to your crab
net or trap.

Figure 3.—To avoid getting pinched, quickly grasp one or both of the crab’s rear legs or
the rear central portion of the shell.
Cleaning

Crabs may be cleaned either before or after they are cooked. Cleaning before cooking eliminates visceral taste, facilitates salt penetration into the body meat, increases the keeping qualities of the meat, and decreases the size of vessel and the heat required to cook the crabs. Cleaning after cooking is easier and faster, and protects the body meat from residues in the cooking water. In either case, the cleaning procedure is as follows:

1. Remove the carapace (back) of the crab by forcing the edge of the shell against any solid object (figure 6).
2. Break the crab in two by folding it like a book—first up and then down (figure 7).
3. Shake out the viscera from each half.
4. Pull off the gills and tail flap.
5. Rinse with fresh water. Nothing remains but shell and edible meat.

Cooking

Crabs should be cooked with or without salt as soon as practical after cleaning. If cooking is delayed, be sure to keep the body segments on ice—uncooked crab spoils readily. To cook with salt, add 3 to 5 ounces of salt per gallon of fresh water (2 ounces of salt per gallon of bay water). Bring the water to a boil, drop the body segments in and time for 12 to 15 minutes after the water returns to a boil. Cook whole crabs 20 to 22 minutes in fresh water containing 6 to 8 ounces of salt per gallon. The procedure is the same for cooking without salt.

After cooking, remove the crabs from the boiling water and immediately immerse them or spray them with cold water until they’re cool. This stops the cooking process, prevents drying and shrinkage of the meat, and tends to prevent the meat from sticking to the shell.

A black discoloration of body meat or shell may occur a few days after cooking. While this discoloration isn’t harmful in itself, it does indicate that the crab hasn’t been adequately cooked.
Figure 6.—Remove the back by forcing the edge of the shell against any solid object.

Figure 7.—Fold to break in half and shake out viscera from each half.

**Regulations**

Because regulations for catching crabs may vary from year to year and from State to State, check the current regulations before you start on a fishing trip. In Oregon, these regulations are available at most sporting goods stores where fishing and hunting licenses are sold, and are posted at most crab fishing areas.

**For further reading**

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