**Chela Height Sampling Protocol by Year**

**2012**

***C. bairdi***

Separate collections for eastern population (column 3-16) and western population (column 1, 2 and 18-32)

Size categories: <55 mm 20

55-64 50

65-74 50

75-84 50

85-94 50

95-104 50

105-114 50

115-124 50

125-134 50

135-144 50

145-154 50

155-164 50

165-174 50

**2011**

***C. opilio***

Separate collections for southern population (rows A-K and Z) and northern populations (rows L-V)

Size categories: <35 mm 50

35-44 20

45-54 20

55-64 50

65-74 50

75-84 50

85-94 50

95-104 50

105-114 50

115-124 50

125-134 50

>135 mm 50

**2010**

***C. bairdi* Leg 1 & 2**

Separate collections for eastern population (column 3-16) and western population (column 1, 2 and 18-32)

Size categories: 25-34 20

35-44 20

45-54 20

55-64 50

65-74 50

75-84 50

85-94 50

95-104 50

105-114 50

115-124 50

125-134 50

135-144 50

145-154 50

155-164 50

165-174 50

***C. opilio* Leg 3**

Size categories: 25-34 20

35-44 20

45-54 20

55-64 50

65-74 50

75-84 50

85-94 50

95-104 50

105-114 50

115-124 50

125-134 50

135-144 50

145-154 50

155-164 50

**2009**

***C. opilio***

Separate collections for southern population (rows A-K and Z) and northern populations (rows L-V)

Size categories: 25-34 20

35-44 20

45-54 20

55-64 50

65-74 50

75-84 50

85-94 50

95-104 50

105-114 50

115-124 50

125-134 50

135-144 50

145-154 50

155-164 50

**2008**

***C. bairdi***

Separate collections for eastern population (columns 2-16) and western population (column 1 and west).

Size categories: 25-34 20

35-44 20

45-54 20

55-64 50

65-74 50

75-84 50

85-94 50

95-104 50

105-114 50

115-124 50

125-134 50

135-144 50

145-154 50

155-164 50

**Weight Sampling Protocol by Year**

**2012**

Leg 1

10/station male red king crab, 5/station male Tanner crab, 5/station male snow crab, and ALL BKC

Legs 2 and 3

5/station male Tanner crab, 5/station male snow crab, up to 5/station male red king crab and ALL BKC

Collect weights from entire size ranges throughout the distribution of each species. Although there is no set number for a given size bin, a tally sheet is provided for each leg to show which sizes are under-represented and need to be collected.

**2011**

Leg 1

F/V ALDEBARAN: 5/station male red king crab, 5/station female red king crab shell 2 & any egg condition, 5/station multiparous female (SC >2) and 5/station primiparous female (SC <3) Tanner crab, 5/station immature female Tanner crab, and ALL BKC

F/V ALASKA KNIGHT: 5/station male red king crab, 5/station female red king crab shell 2 & any egg condition, 5/station multiparous female (SC >2) and 5/station primiparous female (SC <3) Tanner crab, 5/station immature female Tanner crab, and ALL BKC

Leg 2

F/V ALDEBARAN: 5/station multiparous female (SC >2) snow crab and 5/station of primiparous female (SC <3) snow crab, 5/station immature female snow crab, 5/sex/station red king crab and ALL BKC

F/V ALASKA KNIGHT: 5/station multiparous female (SC >2), 5/station primiparous female (SC <3) Tanner crab, 5/station immature female Tanner crab, 5/sex/station red king crab and ALL BKC

Leg 3

F/V ALDEBARAN: 5/station multiparous female (SC >2) snow crab, 5/station of primiparous female (SC <3) snow crab, 5/station immature female snow crab, 5/station male Tanner crab and ALL BKC

F/V ALASKA KNIGHT: 5/station multiparous female (SC >2) snow crab, 5/station of primiparous female (SC <3) snow crab, 5/station immature female snow crab and 5/station male snow crab, and ALL BKC

A maximum of 30 crabs per 5 mm size group is requested.

**2010**

Leg 1 F/V ALDEBARAN: 4/sex/station red king crab, 4/station multiparous female (SC >2) and 4/station primiparous female (SC <3) Tanner crab, 4/station immature female Tanner crab, 4/stations male Tanner crab and all blue king crab

F/V ALASKA KNIGHT: 4/sex/station red king crab, 4/station multiparous female (SC >2) and 4/station primiparous female (SC <3) Tanner crab, 4/station immature female Tanner crab, 4/stations male Tanner crab and all blue king crab

Leg 2 F/V ALDEBARAN: 4/station multiparous female (SC >2) snow crab and 4/station of primiparous female (SC <3) snow crab and 4/station male snow crab, up to 4/sex/station RKC and all blue king crab

F/V ALASKA KNIGHT: 4/station multiparous female (SC >2), 4/station primiparous female (SC <3) Tanner crab, 4/station immature female Tanner crab and 4/station male Tanner crab, up to 4/sex/station RKC and all BKC

Leg 3 F/V ALDEBARAN: 5/sex/station red king crab, 5/sex/station Tanner crab, 5/station multiparous female (SC >2) snow crab, 5/station of primiparous female (SC <3) snow crab, 5/station immature female snow crab and 5/station male snow crab, and **all** blue king crab

F/V ALASKA KNIGHT: 5/station multiparous female (SC >2) snow crab, 5/station of primiparous female (SC <3) snow crab, 5/station immature female snow crab and 5/station male snow crab, 5/sex/station red king crab, 5/sex/station Tanner crab, and **all** blue king crab

F/V VESTERAALEN: 5/station multiparous female (SC >2) snow crab, 5/station of primiparous female (SC <3) snow crab, 5/station immature female snow crab and 5/station male snow crab, 7/sex/station red king crab, 5/sex/station Tanner crab, and **all** blue king crab

A maximum of 30 crabs per 5 mm size group is requested.

**2009**

Leg I F/V Arcturus: Up to 5/sex/station red king crab, 5/station multiparous female (SC >2), 5/station primiparous female (SC <3) Tanner crab, 5/station immature Tanner crab, 5/stations male Tanner crab and all blue king crab

F/V Aldebaran: Up to 8/station female red king crab, 5/station of male Tanner crab, and all blue king crab

Leg II F/V Arcturus: Up to 5/station multiparous female (SC >2) snow crab and 5/station of primiparous female (SC <3) snow crab and 5/station male snow crab, up to 5/sex/station RKC and all blue king crab

F/V Aldebaran: Up to 5/station multiparous female (SC >2), 5/station primiparous female (SC <3) Tanner crab, 5/station immature Tanner crab and 5/station male Tanner crab, up to 5/sex/station RKC and all BKC

Leg III F/V Arcturus: Up to 5/station multiparous female (SC >2) snow crab, 5/station of primiparous female (SC <3) snow crab, 5/station immature snow crab and 5/station male snow crab and all blue king crab

F/V Aldebaran: Up to 5/station multiparous female (SC >2) Tanner crab, 5/station of primiparous female (SC <3) Tanner crab, 5/station immature Tanner crab, 5/stations male Tanner crab and all blue king crab

A maximum of 30 crabs per 5 mm size group is requested.

**2008**

Leg I F/V Arcturus: Up to 8/station female red king crab and all blue king crab

F/V Aldebaran: Up to 5/station female red king crab, 5/station multiparous female (SC >2), 5/station primiparous female (SC <3) Tanner crab, 5/station immature Tanner crab and all blue king crab

Leg II F/V Arcturus: Up to 5/station multiparous female (SC >2) snow crab and 5/station of primiparous female (SC <3) snow crab, up to 10/sex/station RKC and all blue king crab

F/V Aldebaran: Up to 5/station multiparous female (SC >2) and 5/station primiparous female (SC <3) Tanner crab, up to 10/sex/station RKC and all BKC

Leg III F/V Arcturus: Up to 5/station multiparous female (SC >2) snow crab, 5/station of primiparous female (SC <3) snow crab, 5/station immature snow crab and all blue king crab

F/V Aldebaran: Up to 5/station multiparous female (SC >2) Tanner crab, 5/station of primiparous female (SC <3) Tanner crab, 5/station immature Tanner crab and all blue king crab

A maximum of 30 crabs per 5 mm size group is requested.