

**Checklist of the Shrimps, Crabs, Lobsters and Crayfish of British Columbia 2011  
(Order Decapoda)**

by  
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The following list includes all decapod species known to have been found in British Columbia. The taxonomic scheme is the most currently accepted and follows the higher decapod classification of De Grave et al. (2009). Additional sources used in this classification include Bowman and Abele (1982), Abele and Felgenhauer (1986), Martin and Davis (2001), and Schram (2001). It is likely that further research will reveal additional species, both as range extensions and undescribed species. List revised April 30, 2011.

Notable changes from earlier versions: The Superfamily Galatheoidea has been divided following the molecular taxonomies as suggested by Ahyong et al. (2009). This change has been verified by more recent work by Ahyong et al. (2010) and Schnabel et al. (2011). These works separate the Superfamily Chirostyloidea from the traditional galatheioids. Additionally these works change the higher taxonomies of the galatheioid families.

Potential future taxonomic changes: Ahyong et al. (2009) in their molecular analysis of the infraorder Anomura found the superfamilies Paguroidea and Galatheoidea to be polyphyletic. The changes to the Paguroidea are not yet reflected in the taxonomic nomenclature, but are expected. Wicksten (2009) adopted the classification scheme of Christoffersen (1988) for the caridean family Hippolytidae which for BC species places the genus *Hippolyte* into the family Hippolytidae and all other genera traditionally placed into that family into the family Thoridae.

Order Decapoda Latreille, 1802

Suborder Dendrobranchiata Bate, 1888

Family Benthesicymidae Wood-Mason, 1891

Genus *Bentheogennema* Burkenroad, 1936

*Bentheogennema borealis* (Rathbun, 1902) northern blunt-tailed shrimp

*Bentheogennema burkenroadi* Krygier & Wasmer, 1975

Burkenroad's blunt-tailed shrimp

Family Sergistidae Dana, 1852  
     Genus *Sergestes* Milne-Edwards, 1830  
         *Sergestes similis* Hansen, 1903 Pacific sergestid  
     Genus *Sergia* Stimpson, 1860  
         *Sergia tenuiremis* (Krøyer, 1855) ocean sergestid  
 Suborder Pleocyemata Burkenroad, 1963  
 Infraorder Caridea Dana, 1852  
     Superfamily Pasiphaeoidea Dana, 1852  
     Family Pasiphaeidae Dana, 1852  
         Genus *Pasiphaea* Savigny, 1816  
             *Pasiphaea pacifica* Rathbun, 1902 pacific glass shrimp  
             *Pasiphaea tarda* Krøyer, 1845 crimson pasiphaeid  
         Genus *Parapasiphae* Smith, 1884  
             *Parapasiphaea sulcatifrons* Smith, 1884 grooveback shrimp  
     Superfamily Oplophoroidea Dana, 1852  
     Family Oplophoridae Dana, 1852  
         Genus *Acanthephyra* Milne-Edwards, 1881  
             *Acanthephyra curtirostris* Wood-Mason, 1891  
         Genus *Notostomus* Milne-Edwards, 1881  
             *Notostomus japonicus* Bate, 1888 Japanese spinyridge  
         Genus *Hymenodora* Sars, 1877  
             *Hymenodora frontalis* Rathbun, 1902 Pacific ambereye  
             *Hymenodora glacialis* (Buchholz, 1874) northern ambereye  
         Genus *Systellaspis* Bate, 1888  
             *Systellaspis braueri* (Balss, 1914)  
             *Systellaspis cristata* (Faxon, 1893)  
     Superfamily Alpheoidea Rafinesque, 1815  
     Family Alpheidae Rafinesque, 1815  
         Genus *Betaeus* Dana, 1852  
             *Betaeus harrimani* Rathbun, 1904 northern hooded shrimp  
             *Betaeus setosus* Hart, 1964 fuzzy hooded shrimp  
     Family Hippolytidae Bate, 1888  
         Genus *Eualus* Thallwitz, 1892  
             *Eualus avinus* (Rathbun, 1899) beaked eualid  
             *Eualus barbatus* (Rathbun, 1899) barbed eualid  
             *Eualus berkeleyorum* Butler, 1971 Berkeley's eualid  
             *Eualus butleri* Jensen, 2004 sponge eualid  
             *Eualus biunguis* (Rathbun, 1902) deepsea eualid  
             *Eualus fabricii* (Krøyer, 1841) Arctic eualid  
             *Eualus lineatus* Wicksten and Butler, 1983 striped eualid  
             *Eualus macrophthalmus* (Rathbun, 1902) bigeye eualid  
             *Eualus pusiolus* (Krøyer, 1841) doll eualid  
             *Eualus subtilis* Carvacho and Olsen, 1984 pygmy eualid  
             *Eualus suckleyi* (Stimpson, 1864) shortscale eualid  
             *Eualus townsendi* (Rathbun, 1902) Townsend's eualid  
         Genus *Heptacarpus* Holmes, 1900

- Heptacarpus brevirostris* (Dana, 1852) stout coastal shrimp  
*Heptacarpus camtschaticus* (Stimpson, 1860) northern coastal shrimp  
*Heptacarpus carinatus* Holmes, 1900 smalleye coastal shrimp  
*Heptacarpus decorus* (Rathbun, 1902) elegant coastal shrimp  
*Heptacarpus flexus* (Rathbun, 1902) slenderbeak coastal shrimp  
*Heptacarpus kincaidi* (Rathbun, 1902) Kincaid's coastal shrimp  
*Heptacarpus moseri* (Rathbun, 1902) Alaskan coastal shrimp  
*Heptacarpus paludicola* Holmes, 1900 Californian coastal shrimp  
*Heptacarpus pugettensis* Jensen, 1983 Puget coastal shrimp  
*Heptacarpus sitchensis* (Brandt, 1851) Sitka coastal shrimp  
*Heptacarpus stimpsoni* Holthuis, 1947 Stimpson's coastal shrimp  
*Heptacarpus stylus* (Stimpson, 1864) stiletto coastal shrimp  
*Heptacarpus tenuissimus* Holmes, 1900 slender coastal shrimp  
*Heptacarpus tridens* (Rathbun, 1902) threespine coastal shrimp
- Genus *Hippolyte* Leach, 1815  
*Hippolyte clarki* Chace, 1951 kelp humpback shrimp
- Genus *Lebbeus* White, 1847  
*Lebbeus acudactylus* Jensen, 2006  
*Lebbeus catalepsis* Jensen, 1987  
*Lebbeus eludus* Jensen, 2006 elusive lebbeid  
*Lebbeus grandimanus* (Brazhnikov, 1907) candy-striped shrimp  
*Lebbeus groenlandicus* (Fabricius, 1775) spiny lebbeid  
*Lebbeus mundus* Jensen, 2006 cleaner lebbeid  
*Lebbeus washingtonianus* (Rathbun, 1902) slope lebbeid
- Genus *Spirontocaris* Bate, 1888  
*Spirontocaris arcuata* Rathbun, 1902 Rathbun's bladed shrimp  
*Spirontocaris holmesi* Holthuis, 1947 slender bladed shrimp  
*Spirontocaris lamellicornis* (Dana, 1852) Dana's bladed shrimp  
*Spirontocaris ochotensis* (Brandt, 1851) oval bladed shrimp  
*Spirontocaris prionota* (Stimpson, 1864) deep bladed shrimp  
*Spirontocaris sica* Rathbun, 1902 dagger bladed shrimp  
*Spirontocaris snyderi* Rathbun, 1902 Snyder's bladed shrimp  
*Spirontocaris truncatus* Rathbun, 1902 blunt bladed shrimp
- Superfamily Pandaloidea Haworth, 1825  
Family Pandalidae Haworth, 1825
- Genus *Pandalopsis* Bate, 1888  
*Pandalopsis dispar* Rathbun, 1902 sidestripe shrimp  
*Pandalopsis lucidirimicola* Jensen, 1998 sparkling shrimp
- Genus *Pandalus* Leach, 1814  
*Pandalus borealis* Krøyer, 1838 northern shrimp  
*Pandalus danae* Stimpson, 1857 dock shrimp  
*Pandalus goniurus* Stimpson, 1860 humpy shrimp  
*Pandalus hypsinotus* Brandt, 1851 coonstriped shrimp  
*Pandalus jordani* Rathbun, 1902 ocean shrimp  
*Pandalus platyceros* Brandt, 1851 spot shrimp

- Pandalus stenolepis* Rathbun, 1902 roughpatch shrimp
- Pandalus tridens* Rathbun, 1902 yellowleg pandalid
- Superfamily Crangonoidea White, 1847
- Family Crangonidae White, 1847
  - Genus *Argis* Krøyer, 1842
    - Argis alaskensis* (Kingsley, 1882) Alaskan argid
    - Argis crassa* (Rathbun, 1899) rough argid
    - Argis dentata* (Rathbun, 1902) arctic argid
    - Argis lar* (Owen, 1839) kuro shrimp
    - Argis levior* (Rathbun, 1902) Nelson's argid
    - Argis ovifer* (Rathbun, 1902) spliteye argid
  - Genus *Crangon* (*Crangon*) Fabricius, 1798
    - Crangon alba* Holmes, 1900 stout crangon
    - Crangon alaskensis* (Lockington, 1877) Alaskan bay shrimp
    - Crangon dalli* Rathbun, 1902 ridged crangon
    - Crangon franciscorum angustimana* Rathbun, 1902 California bay shrimp
    - Crangon franciscorum franciscorum* Stimpson, 1856 California bay shrimp
    - Crangon nigricauda* Stimpson, 1856 black tailed bay shrimp
  - Genus *Lissocrangon* Kuris and Carlton, 1977
    - Lissocrangon stylirostris* (Holmes, 1900) smooth bay shrimp
  - Genus *Metacrangon* Zarenkov, 1965
    - Metacrangon acclivis* (Rathbun, 1902) forked spinyhead
    - Metacrangon munita* (Dana, 1852) coastal spinyhead
    - Metacrangon spinosissima* (Rathbun, 1902) southern spinyhead
    - Metacrangon variabilis* (Rathbun, 1902) deepsea spinyhead
  - Genus *Mesocrangon* Zarenkov, 1965
    - Mesocrangon intermedia* (Stimpson, 1860) northern spinyhead
    - Mesocrangon munitella* (Walker, 1898) miniature spinyhead
  - Genus *Neocrangon* Zarenkov, 1965
    - Neocrangon abyssorum* (Rathbun, 1902) abyssal crangon
    - Neocrangon communis* (Rathbun, 1899) gray shrimp
    - Neocrangon resima* (Rathbun, 1902)
  - Genus *Paracrangon* Dana, 1852
    - Paracrangon echinata* Dana, 1852 horned shrimp
  - Genus *Rhynocrangon* Zarenkov, 1965
    - Rhynocrangon alata* (Rathbun, 1902) saddleback shrimp
  - Genus *Sclerocrangon* Sars, 1883
    - Sclerocrangon boreas* (Phipps, 1774) sculptured shrimp
- Infraorder Astacidea Latreille, 1802
  - Superfamily Nephropoidea Dana, 1852
  - Family Nephropidae Dana, 1852
    - Genus *Homarus* Weber, 1795
      - Homarus americanus* Milne-Edwards, 1837 American lobster
  - Superfamily Astacoidea Latreille, 1802

- Family Astacidae Latreille, 1802
  - Genus *Pacifastacus* Bott, 1950
    - Pacifastacus leniusculus klamathensis* (Stimpson, 1857) signal crayfish
    - Pacifastacus leniusculus leniusculus* (Dana, 1852) signal crayfish
    - Pacifastacus leniusculus trowbridgii* (Stimpson, 1857) signal crayfish
- Infraorder Axiidea de Saint Laurent, 1979
  - Family Axiidae Huxley, 1879
    - Genus *Calocarides* Wollenbaek, 1908
      - Calocarides quinqueseriatum* (Rathbun, 1902)
      - Calocarides spinulicauda* (Rathbun 1902)
  - Family Callianassidae Dana, 1852
    - Genus *Neotrypaea* Manning and Felder, 1991
      - Neotrypaea californiensis* (Dana, 1854) bay ghost shrimp
      - Neotrypaea gigas* (Dana, 1852) giant ghost shrimp
  - Family Calocarididae Ortmann, 1891
    - Genus *Calastacus* Faxon, 1893
      - Calastacus stilirostris* Faxon, 1893
    - Genus *Lophaxius* Kensley, 1989
      - Lophaxius rathbunae* Kensley, 1989
  - Family Ctenochelidae Manning and Felder, 1991
    - Genus *Callianopsis* De Saint Laurent, 1973
      - Callionopsis goniophthalma* (Rathbun, 1901)
- Infraorder Gebiidea de Saint Laurent, 1979
  - Family Upogebiidae Borradaile 1903
    - Genus *Upogebia* Leach, 1814
      - Upogebia pugettensis* (Dana, 1852) blue mud shrimp
- Infraorder Anomura MacLeay, 1838
  - Superfamily Galatheoidea Samouelle, 1819
    - Family Munididae Ahyong et al. 2010
      - Genus *Munida* Leach, 1820
        - Munida quadrispina* Benedict, 1902 squat lobster
    - Family Munidopsidae Ahyong et al. 2010
      - Genus *Munidopsis* Whiteaves, 1874
        - Munidopsis granosicorium* Williams and Baba, 1989
        - Munidopsis quadrata* Faxon, 1893
    - Family Porcellanidae Haworth, 1825
      - Genus *Petrolisthes* Stimpson, 1858
        - Petrolisthes cinctipes* (Randall, 1839) porcelain crab
        - Petrolisthes eriomerus* Stimpson, 1871 flattop crab
      - Genus *Pachycheles* Stimpson, 1858
        - Pachycheles pubescens* Holmes, 1900 pubescent porcelain crab
        - Pachycheles rudis* Stimpson, 1858 thick clawed porcelain crab
  - Superfamily Chirostyloidea Schnabel et al. 2011
    - Family Chirostylidae Ortmann, 1892

- Genus *Gastroptychus* Caullery, 1896
  - Gastroptychus iaspis* Baba and Haig, 1990 red pinch bug
- Superfamily Hippoidea Latreille, 1825
  - Family Hippidae Latreille, 1825
    - Genus *Emerita* Scopoli, 1777
      - Emerita analoga* (Stimpson, 1857) Pacific mole crab
- Superfamily Lithodoidea Samouelle, 1819
  - Family Haplogastridae Brandt, 1850
    - Genus *Acantholithodes* Holmes, 1895
      - Acantholithodes hispidus* (Stimpson, 1860) spiny lithode crab
    - Genus *Hapalogaster* Brandt, 1850
      - Hapalogaster mertensii* Brandt, 1850 hairy crab
      - Hapalogaster grebnitzkii* Schalfeew, 1892 northern hairy crab
    - Genus *Oedignathus* Benedict, 1895
      - Oedignathus inermis* (Stimpson, 1860) paxillose crab
    - Genus *Placetrion* Schalfeew, 1892
      - Placetrion wosnessenskii* Schalfeew, 1892 scaled crab
  - Family Lithodidae Samouelle, 1819
    - Genus *Cryptolithodes* Brandt, 1848
      - Cryptolithodes sitchensis* Brandt, 1853 umbrella crab
      - Cryptolithodes typicus* Brandt, 1849 butterfly crab
    - Genus *Lithodes* Latreille, 1806
      - Lithodes aequispina* Benedict, 1895 golden king crab
      - Lithodes couesi* Benedict, 1895 scarlet king crab
    - Genus *Lopholithodes* Brandt, 1848
      - Lopholithodes mandtii* Brandt, 1849 Puget Sound king crab
      - Lopholithodes foraminatus* (Stimpson, 1862) brown box crab
    - Genus *Paralithodes* Brandt, 1848
      - Paralithodes camtschaticus* (Tilesius, 1815) red king crab
    - Genus *Paralomis* White, 1856
      - Paralomis multispina* (Benedict, 1895) spiny paralomis
      - Paralomis verrilli* (Benedict, 1895) Verrill's paralomis
    - Genus *Phyllolithodes* Brandt, 1848
      - Phyllolithodes papillosus* Brandt, 1849 heart crab
    - Genus *Rhinolithodes* Brandt, 1848
      - Rhinolithodes wosnessenskii* Brandt, 1849 rhinoceros crab
- Superfamily Paguroidea Latreille, 1802
  - Family Diogenidae Ortmann, 1892
    - Genus *Paguristes* Dana, 1852
      - Paguristes turgidus* (Stimpson, 1857)
      - Paguristes ulreyi* Schmitt, 1921
  - Family Paguridae Latreille, 1802
    - Genus *Discorsopagurus* McLaughlin, 1974
      - Discorsopagurus schmitti* (Stevens, 1925) tubeworm hermit crab
    - Genus *Elassochirus* Benedict, 1892

- Elassochirus cavimanus* (Miers, 1879) purple hermit crab
- Elassochirus gilli* (Benedict, 1892) Pacific red hermit crab
- Elassochirus tenuimanus* (Dana, 1851) widehanded hermit crab
- Genus *Labidochirus* Benedict, 1892
  - Labidochirus splendescens* (Owen, 1839)
- Genus *Orthopagurus* Stevens, 1927
  - Orthopagurus minimus* (Holmes, 1900) tuskshell hermit crab
- Genus *Pagurus* Fabricius, 1775
  - Pagurus aleuticus* (Benedict, 1892) Aleutian hermit crab
  - Pagurus armatus* (Dana, 1851) black eyed hermit crab
  - Pagurus beringanus* (Benedict, 1892) Bering hermit crab
  - Pagurus capillatus* (Benedict, 1892) fuzzy hermit crab
  - Pagurus caurinus* Hart, 1971 greenmark hermit crab
  - Pagurus confragosus* (Benedict, 1892) knobbyhand hermit crab
  - Pagurus cornutus* (Benedict, 1892) hornyhand hermit crab
  - Pagurus dalli* (Benedict, 1892) white knee hermit crab
  - Pagurus granosimanus* (Stimpson, 1858) grainyhand hermit crab
  - Pagurus hartae* (McLaughlin and Jensen, 1996) Hart's hermit crab
  - Pagurus hemphilli* (Benedict, 1892) maroon hermit crab
  - Pagurus hirsutiusculus* (Dana, 1851) hairy hermit crab
  - Pagurus kennerlyi* (Stimpson, 1864) bluespined hermit crab
  - Pagurus ochotensis* Brandt, 1851 Alaskan hermit crab
  - Pagurus quaylei* Hart, 1971 Quayle's hermit crab
  - Pagurus samuelis* (Stimpson, 1857) blue band hermit crab
  - Pagurus setosus* (Benedict, 1892) setose hermit crab
  - Pagurus stevensae* Hart, 1971 Steven's hermit crab
  - Pagurus tanneri* (Benedict, 1892) longhand hermit crab
- Family Parapaguridae Smith, 1882
  - Genus *Parapagurus* Smith, 1879
    - Parapagurus benedicti* de Saint Laurent, 1972 Deep sea hermit crab
- Infraorder Brachyura Latreille, 1802
  - Superfamily Calappoidea Milne-Edwards, 1837
    - Family Calappidae De Haan, 1833
      - Genus *Platymera* Milne-Edwards, 1837
        - Platymera gaudichaudi* Milne-Edwards, 1837 two-spine crab
  - Superfamily Cancroidea Latreille, 1802
    - Family Cancridae Latreille, 1802
      - Genus *Cancer* Linnaeus, 1758
        - Cancer productus* Randall, 1839 red rock crab
      - Genus *Glebocarcinus* Nations, 1975
        - Glebocarcinus oregonensis* (Dana, 1852) pygmy rock crab
      - Genus *Metacarcinus* Milne-Edwards, 1862
        - Metacarcinus gracilis* (Dana, 1852) graceful rock crab
        - Metacarcinus magister* (Dana, 1852) Dungeness crab
      - Genus *Romaleon* Gistel, 1848

*Romaleon antennarius* (Stimpson, 1856) spot-bellied rock crab  
*Romaleon branneri* (Rathbun, 1926) furrowed rock crab  
 Superfamily Cheiragonoidea Ortmann, 1893  
 Family Cheiragonidae Ortmann, 1893  
     Genus *Telmessus* Benedict, 1892  
         *Telmessus cheiragonus* (Tilesius, 1815) helmet crab  
 Superfamily Majoidea Samouelle, 1819  
 Family Epialtidae MacLeay, 1838  
     Genus *Chorilia* Dana, 1851  
         *Chorilia longipes* Dana, 1851 longhorn decorator crab  
     Genus *Mimulus* Stimpson, 1860  
         *Mimulus foliatus* Stimpson, 1860 foliate kelp crab  
     Genus *Pugettia* Dana, 1851  
         *Pugettia gracilis* Dana, 1851 graceful kelp crab  
         *Pugettia producta* (Randall, 1839) northern kelp crab  
         *Pugettia richii* Dana, 1851 cryptic kelp crab  
     Genus *Scyra* Dana, 1851  
         *Scyra acutifrons* Dana, 1851 sharp nose crab  
 Family Oregoniidae Garth, 1958  
     Genus *Chionoecetes* Krøyer, 1838  
         *Chionoecetes angulatus* Rathbun, 1924 angled tanner crab  
         *Chionoecetes bairdi* Rathbun, 1924 tanner crab  
         *Chionoecetes tanneri* Rathbun, 1893 grooved tanner crab  
     Genus *Hyas* Leach, 1814  
         *Hyas lyratus* Dana, 1851 Pacific lyre crab  
     Genus *Macroregonia* Sakai, 1978  
         *Macroregonia macrochira* Sakai, 1978 deep sea giant spider crab  
     Genus *Oregonia* Dana, 1851  
         *Oregonia bifurca* Rathbun, 1902  
         *Oregonia gracilis* Dana, 1851 graceful decorator crab  
 Superfamily Portunoidea Rafinesque, 1815  
 Family Carcinidae MacLeay, 1838  
     Genus *Carcinus* Leach, 1814  
         *Carcinus maenas* (Linnaeus, 1758) European green crab  
 Superfamily Xanthoidea MacLeay, 1838  
 Family Panopeidae Ortmann, 1893  
     Genus *Lophopanopeus* Rathbun, 1898  
         *Lophopanopeus bellus bellus* (Stimpson, 1860) black clawed crab  
         *Lophopanopeus bellus diegensis* Rathbun, 1900  
 Superfamily Grapsoidea MacLeay, 1838  
 Family Grapsidae MacLeay, 1838  
     Genus *Planes* Bowdich, 1825  
         *Planes cyaneus* Dana, 1852 flotsam crab  
         *Planes marinus* Rathbun, 1914 drifter crab  
 Family Varunidae Milne-Edwards, 1853  
     Genus *Hemigrapsus*



*Hemigrapsus nudus* (Dana, 1851) purple shore crab  
*Hemigrapsus oregonensis* (Dana, 1851) green shore crab  
 Superfamily Pinnotheroidea De Haan, 1833  
 Family Pinnotheridae, De Haan, 1833  
 Genus *Pinnixa* White, 1846  
     *Pinnixa eburna* Wells, 1928 lugworm dwelling pea crab  
     *Pinnixa faba* (Dana, 1851) mantle pea crab  
     *Pinnixa littoralis* Holmes, 1894 gaper pea crab  
     *Pinnixa occidentalis* Rathbun, 1893 western pea crab  
     *Pinnixa schmitti* Rathbun, 1918 Schmitt's pea crab  
     *Pinnixa tubicola* Holmes, 1894 tube-dwelling pea crab  
 Genus *Fabia* Dana, 1851  
     *Fabia subquadrata* (Dana, 1851) grooved mussel crab  
 Genus *Pinnotheres* Bosc, 1802  
     *Pinnotheres pugettensis* Holmes, 1900 smooth tunicate crab  
     *Pinnotheres taylori* Rathbun, 1918 tuberculate tunicate crab  
 Genus *Scleroplax* Rathbun, 1893  
     *Scleroplax granulata* Rathbun, 1893 burrow pea crab

**Probable species: (only those which are found both north and south of BC but have no confirmed BC records)**

*Procambarus clarkii* An invasive species recorded from Washington State and Alaska.

*Munidopsis albatrossae* Pequegnat and Pequegnat, 1971 Found in the Gulf of Alaska and on Warwick Seamount off shore of the Straits of Juan de Fuca. Found on seamounts below 2000 meters.

*Munidopsis antonii* (Filhol, 1884). Found in Alaska and Oregon at abyssal depths. Formerly *Munidopsis beringana* (Benedict, 1902)

*Pinnixa scamit* Martin and Zmarzly, 1994. Found in Alaska and off of California, probably associated with the brittle star *Amphipholis periercta*.

*Pandalopsis ampla* Bate, 1888. Found in Alaska and off of Washington. Komai (1994) mentions that north Pacific specimens of this species are probably an undescribed species.

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