

DECAPOD CRUSTACEANS DEPOSITED IN THE ZOOLOGICAL MUSEUM OF COPENHAGEN BY WILLIAM STIMPSON IN 1859

Raymond B. Manning[†] and Karen J. Reed

National Museum of Natural History, Department of Invertebrate Zoology, Smithsonian Institution, Washington, D.C. 20013-7012, U.S.A.

E-mail: reedk@si.edu (Corresponding author)

[†]: deceased 18 January 2000

ABSTRACT. – As the naturalist on the American North Pacific Exploring Expedition, 1853–1856, William Stimpson made extensive collections of decapod crustaceans which were brought to the Smithsonian Institution for study. The collection was subsequently transferred to the Chicago Academy of Sciences when Stimpson moved to that organization. The Academy and collection, however, were destroyed in the Great Chicago Fire of 1871. The material sent to other museums on exchange by Stimpson before the fire thus comprises the bulk of the North Pacific Exploring Expedition material still extant. One of his exchanges, comprising 120 species of decapods, was sent to the Zoological Museum in Copenhagen. We here report on the material still housed in that museum.

KEY WORDS. – William Stimpson, North Pacific Exploring Expedition, Crustacea, Decapoda, types, *Prodromus*, Zoological Museum Copenhagen.

INTRODUCTION

In 1859, William Stimpson, then with the Smithsonian Institution and its first curator of Crustacea, shipped a large collection of decapods to the Zoological Museum in Copenhagen. The shipment included material collected by Stimpson during the North Pacific Exploring Expedition, 1853–1856 (see Vasile et al., 2005). Of the approximately 120 species shipped by Stimpson, 41 were probably types of species named by him; but we could find only 15. The shipment also included types of 11 species named by James D. Dana from the collections of the U. S. Exploring Expedition, 1838–1842; of these, we could find only six. Apparently, part or all of the collection was on loan as teaching material, and this may account for some of the losses.

Any extant material from the North Pacific Exploring Expedition is scientifically very valuable, as Stimpson (1857c, 1858a–d, 1860b) named 483 species of decapods in his *Prodromus* (see Manning, 1993). Evans (1967) reported that The Natural History Museum, London, had received a large shipment from Stimpson in 1861, and she was able to find types of 14 species named by Dana as well as types of 59 species named by Stimpson. A few smaller shipments were sent to other museums and individuals, including one to the Academy of Natural Sciences of Philadelphia by Stimpson in 1862 (Deiss & Manning, 1981).

In the list given below, we provide the English names of the various type localities for the Anomura and Brachyura as reported by Stimpson (1907). No report was issued on the Macrura; and we here provide the type locality as originally published in the *Prodromus*.

Measurements are in millimeters (mm); cl is carapace length; sl is shield length.

THE LIST

The following entry, made by Ch. Lütken on 22 November 1859, is on p. 193 of the daily ledger of incoming shipments at the Zoological Museum, Copenhagen (ZMC). The list is divided into “I. Anomura”, “II. Brachyura”, and “III. Macrura”. Each species name, including taxon author and information, is listed and numbered exactly as written by Ch. Lütken. In some cases the species includes an “x” mark (see end of list for meaning). The number of specimens originally sent follows the locality name. Under each list we include the following information: current name, ZMC status, other repositories (if known), type status, type locality, and remarks when needed. A translation of the entry, by Poul Chr. Jeppesen, reads as follows:

“From Smithsonian Institution the Museum has received a particularly valuable shipment of 120 species of . . . , mainly

forms which Dana, Stimpson, Randall, Gibbes and other American zoologists have brought to the attention of science. Therefore this collection is of considerable value and interest.

Listed in the present journal with the number and name under which they were shipped by Dr. Stimpson”.

I. Anomura

x1. ***Dromidia antillensis* Stimpson** Florida 1
Current name. – *Dromidia antillensis* Stimpson, 1859: 71 (see Rathbun, 1937).

ZMC status. – Not found.

Type status. – Possible type.

Type localities. – St. Thomas, Virgin Islands; Key Biscayne and Tortugas, Florida.

2. ***Cryptodromia tuberculata* Stimpson** Østindien 1
Current name. – *Cryptodromia tuberculata* Stimpson, 1858d: 239 (see McLay, 1993).

ZMC status. – Not found.

Type status. – Possible type.

Type localities. – Gaspar Strait; Kikaisima Island and Kagosima Bay, Japan.

x3. ***Ranilia muricata* Milne Edwards** Florida 1
Current name. – *Ranilia muricata* H. Milne Edwards, 1837 (see Williams, 1984).

ZMC status. – Not found.

4. ***Raphidopus ciliatus* Stimpson** China 1
Current name. – *Raphidopus ciliatus* Stimpson, 1858d: 241 (see Haig, 1992).

ZMC status. – Not found.

Other repositories. – NHM (Evans, 1967: 404; syntype).

Type status. – Possible type.

Type locality. – Hong Kong.

5. ***Petrolisthes frontalis* Stimpson** Panama 1
Current name. – *Porcellana frontalis* Heller, 1862 (see Haig, 1960).

ZMC status. – 1 female, cl 10.4 mm.

6. ***Pachycheles rudis* Stimpson** California 1
Current name. – *Pachycheles rudis* Stimpson, 1859: 76 (see Haig, 1960).

ZMC status. – 1 female, cl 7.8 mm.

Other repositories. – NHM (Evans, 1967: 403; syntypes).

Type status. – Possible type.

Type localities. – Monterey, San Luis [Obispo], nr. San Francisco, California.

7. ***Petrolisthes rupicola* Stimpson** California 1
Current name. – *Petrolisthes cinctipes* (Randall, 1840) (see Haig, 1960).

ZMC status. – Not found.

Other repositories. – NHM (Evans, 1967: 404; syntypes).

Type status. – Possible type of *Porcellana rupicola* Stimpson, 1857a: 85.

Type locality. – Coast of California.

8. ***Petrolisthes sexspinosus* Gibbes** Florida 1
Current name. – *Petrolisthes galathinus* (Bosc, 1802) (see Haig, 1956).

ZMC status. – Not found.

9. ***Petrolisthes tridentatus* Stimpson** Antillerne 1
Current name. – *Petrolisthes tridentatus* Stimpson, 1859: 75 (see Haig, 1956).

ZMC status. – 1 female, cl 3.6 mm.

Type status. – Possible type.

Type localities. – Barbados and St. Thomas.

Remarks. – Stimpson's (1858d: 227) publication of this name is a nomen nudum.

10. ***Porcellana serratifrons* Stimpson** China 1
Current name. – *Pisidia serratifrons* Stimpson, 1858d: 242 (see Haig, 1992).

ZMC status. – Not found.

Type status. – Possible type.

Type locality. – Hong Kong.

11. ***Pachycheles grossimanus* Stimpson** Brazil 1
Current name. – *Pachycheles grossimanus* (Guérin, 1835) (see Haig, 1960).

ZMC status. – Not found.

12. ***Petrolisthes violaceus* Stimpson** Chili 1
Current name. – *Petrolisthes violaceus* (Guérin, 1831) (see Haig, 1960).

ZMC status. – Not found.

13. ***Minyocerus angustus* Stimpson** Brasilien 1
Current name. – *Minyocerus angustus* Dana, 1852c: 423 (see Haig, 1960).

ZMC status. – Not found.

Type status. – Possible type.

Type locality. – Rio Janeiro, Brazil.

14. ***Platyonyx macrocheles* Stimpson** Carolina 1
Current name. – *Polyonyx gibbesi* Haig, 1956, a replacement name for the preoccupied *Porcellana macrocheles* Gibbes, 1850, which was transferred to *Polyonyx* by Stimpson (1858d: 229).

ZMC status. – 1 male, cl 5.7 mm.

15. ***Porcellana streptocheles* Stimpson** Cape [of Good Hope] 1
Current name. – *Pisidia streptocheles* (Stimpson, 1858d: 243) (see Haig, 1960).

ZMC status. – Not found.

Type status. – Possible type.

Type locality. – Simon's Bay [South Africa].

16. ***Remipes pacificus* Dana** Hawaii 1
Current name. – *Hippa pacifica* (Dana, 1852c: 407) (see Miyake, 1978).

ZMC status. – 1 specimen, cl 10.9 mm.

Type status. – Possible type.

Type localities. – Ova Lau, Fiji Islands; Hawaii; Samoa.

17. ***Mastigopus gracilis* Stimpson** China 1
Current name. – *Mastigochirus gracilis* (Stimpson, 1858d: 244) (see Haig, 1974).

ZMC status. – 1 male, cl 11.3 mm.

Other repositories. – NHM (Evans, 1967: 404; syntype).

Type status. – Possible type.

Type locality. – China Sea [In mari Sinensi, lat. bor. 23°].

18. ***Porcellanella picta* Stimpson** China 1
Current name. – *Porcellanella triloba* White, 1852 (see Haig, 1992).

ZMC status. – Not found.

Type status. – Possible type of *Porcellanella picta* Stimpson, 1858d: 243.

Type locality. – Hong Kong.

19. *Hippa analoga* Stimpson California 1
Current Name. – *Emerita analoga* (Stimpson, 1857b: 486) (see Morris et al., 1980).

ZMC status. – Not found.

Type status. – Possible type.

Type localities. – Tomales Bay, near San Francisco; Monterey, California; and Mazatlan, Mexico.

Remarks. – Stimpson first used this name in 1857a, where it is a nomen nudum.

x20. *Hapalogaster dentata* Stimpson Japan 1
Current name. – *Hapalogaster dentata* (de Haan, 1844) (see Komai et al., 1992).

ZMC status. – Not found.

21. *Calcinus tibicen* Dana Loo Choo 1
Current name. – *Calcinus laevimanus* (Randall, 1840) (see Morgan, 1991).

ZMC status. – 1 specimen, cl 3.5 mm.

22. *Clibanarius scolopetarius* Stimpson Mexican ske 1
Current name. – *Clibanarius scolopetarius* (Herbst, 1796) (see Gordan, 1956).

ZMC status. – Not found.

Remarks. – Number is a duplicate no. 21 on list.

23. *Clibanarius antillensis* Stimpson Barbadoes 1
Current name. – *Clibanarius antillensis* Stimpson, 1859: 85 (see Gordan, 1956).

ZMC status. – 1 male, sl 2.9 mm.

Other repositories. – NHM (Evans, 1967: 403; syntype).

Type status. – Possible type.

Type locality. – Barbados.

24. *Clibanarius globosimanus* Stimpson Loo Choo 1
Current name. – *Clibanarius corallinus* (H. Milne Edwards, 1848), a senior synonym of *C. globosimanus* Dana, 1852 (see Fize & Serène, 1955).

ZMC status. – 1 male, cl 5.8 mm.

25. *Clibanarius zebra* Dana Hawaii 1
Current name. – *Clibanarius zebra* Dana, 1852c: 271 (see Gordan, 1956).

ZMC status. – 1 male, sl 3.3 mm.

Type status. – Possible type.

Type locality. – Sandwich Islands.

26. *Eupagurus trigonocheirus* Stimpson Arctic Ocean 1
Current name. – *Pagurus trigonocheirus* (Stimpson, 1858d: 249) (see McLaughlin, 1974).

ZMC status. – Not found.

Other repositories. – NHM (Evans, 1967: 403; syntype).

Type status. – Possible type.

Type localities. – Arctic Ocean and Bering Strait.

27. *Eupagurus pubescens* Krøyer Grand Manan 1
Current name. – *Pagurus pubescens* Krøyer, 1838 (see Ingle, 1993).

ZMC status. – Not found.

28. *Eupagurus angustus* Stimpson Japan 1
Current name. – *Pagurus angustus* (Stimpson, 1858d: 250) (see Miyake, 1978).

ZMC status. – Not found.

Type status. – Possible type.

Type locality. – Kikaisima Island, Japan.

29. *Eupagurus hirsutiusculus* Stimpson Oregon 1
Current name. – *Pagurus hirsutiusculus hirsutiusculus* Dana, 1851: 270 (see McLaughlin, 1974).

ZMC status. – Not found.

Type status. – Possible type of *Bernhardus hirsutiusculus* Dana, 1851.

Type locality. – in freto “Puget” Oregonensi (Puget Sound, Washington; McLaughlin, 1974).

30. *Eupagurus bernhardus* Linnaeus Massachusetts 1
Current name. – *Pagurus acadianus* Benedict, 1901 (see Ingle, 1993; d’Udekem d’Acoz 1999).

ZMC status. – 1 female, sl 10.3 mm.

Remarks. – Label bears U.S.F.C., Gloucester, Massachusetts.

31. *Eupagurus samuelis* Stimpson California 1
Current name. – *Pagurus samuelis* (Stimpson, 1857b: 86) (see McLaughlin, 1974).

ZMC status. – 1 specimen, sl 3.4 mm.

Type status. – Possible type.

Type locality. – Tomales Bay, California.

Remarks. – Original citation incorrect in Stimpson (1907), where it is cited as published in Stimpson (1857a); it is a nomen nudum there and was first published in Stimpson (1857b).

32. *Eupagurus tenuimanus* Stimpson Oregon 1
Current name. – *Elassochirus tenuimanus* (Dana, 1851: 269) (see McLaughlin, 1974).

ZMC status. – Not found.

Type status. – Possible type of *Bernhardus tenuimanus* Dana, 1851.

Type locality. – in freto “Puget” Oregonensi (Puget Sound, Washington; McLaughlin, 1974).

33. *Eupagurus pilosipes* Stimpson Loo Choo 1
Current name. – *Pagurus pilosipes* (Stimpson, 1858d: 249) (see Miyake, 1978).

ZMC status. – Not found.

Type status. – Possible type.

Type locality. – Loo Choo [Islands].

34. *Eupagurus pollicaris* Stimpson Florida 1
Current name. – *Pagurus pollicaris* Say, 1817 (see Williams, 1984).

ZMC status. – Not found.

35. *Eupagurus longicarpus* Stimpson Massachusetts 1
Current name. – *Pagurus longicarpus* Say, 1817 (see Williams, 1984).

ZMC status. – 1 male, sl 3.5 mm.

36. *Diogenes edwardsii* Stimpson China 1
Current name. – *Diogenes edwardsii* (de Haan, 1849) (see Miyake, 1978).

ZMC status. – Not found.

Remarks. – Noted in ZMC ledger for 1859 as missing.

37. *Cenobita rugosa* Edwards Loo Choo 1
Current name. – *Coenobita rugosus* H. Milne Edwards, 1837 (see Gordan, 1956).

ZMC status. – Not found.

- x38. *Cenobita purpurea* Stimpson Bonin–Qerne [Islands] 1
Current name. – *Coenobita perlatus* (H. Milne Edwards, 1837) (see Fize & Serène, 1955).
ZMC status. – Not found.
Type status. – Possible type of *Coenobita purpurea* Stimpson, 1858d: 245.
Type localities. – Bonin and Amakirrima Islands, Japan.
- II. Brachyura
39. *Pugettia incisa* Stimpson Jesso, Japan 1
Current name. – *Pugettia incisa* (de Haan, 1839) (see Sakai, 1976).
ZMC status. – 1 female, cl 14 mm.
40. *Acanthonyx dentatus* Milne Edwards Cape [of Good Hope] 1
Current name. – *Acanthonyx dentatus* H. Milne Edwards, 1834 (see Ng & Ahyong, 2001)
ZMC status. – Not found.
- x41. *Naxia diacantha* de Haan China 1
Current name. – *Hyastenus diacanthus* (de Haan, 1839) (see Sakai, 1976).
ZMC status. – Not found.
42. *Oithonia aculeata* Stimpson Florida 1
Current name. – *Pitho aculeata* (Gibbes, 1850) (see Rathbun, 1925).
ZMC status. – Not found.
43. *Actaea pura* Stimpson China 1
Current name. – *Actaea savignyi* (H. Milne Edwards, 1834) (see Dai & Yang, 1991).
ZMC status. – Not found.
Type status. – Possible type of *Actaea pura* Stimpson, 1858a: 32.
Type localities. – Port Jackson, Australia and Hong Kong.
- x44. *Actaeodes tomentosus* Dana Loo Choo 1
Current name. – *Actaeodes tomentosus* (H. Milne Edwards, 1834) (see Sakai, 1976).
ZMC status. – Not found.
45. *Pilumnoides perlatus* China 1
Current name. – *Pilumnoides perlatus* (Poeppig, 1836) (see Guinot & Macpherson, 1987).
ZMC status. – Not found.
46. *Chlorodius floridanus* Gibbes Florida 1
Current name. – *Cataleptodius floridanus* (Gibbes, 1850) (see Guinot, 1968).
ZMC status. – Not found.
47. *Chlorodius sanguineus* Milne Edwards Hawaii 1
Current name. – *Leptodius sanguineus* (H. Milne Edwards, 1834) (see Sakai, 1976).
ZMC status. – Not found.
48. *Chlorodius gracilis* Dana Ousima 1
Current name. – *Leptodius gracilis* (Dana, 1852) (see Sakai, 1976).
ZMC status. – Not found.
49. *Panopeus crenatus* Edwards Chile 1
Current name. – *Eurypanopeus crenatus* (H. Milne Edwards & Lucas, 1844) (see Rathbun, 1930).
ZMC status. – Not found.
50. *Panopeus texanus* Stimpson Texas 1
Current name. – *Dyspanopeus texanus* (Stimpson, 1859: 9) (see Martin & Abele, 1986).
ZMC status. – Not found.
Type status. – Possible type.
Type locality. – St. Joseph's Island, Texas.
- x51. *Eurytium limosum* Stimpson Carolina 1
Current name. – *Eurytium limosum* (Say, 1818) (see Williams, 1984).
ZMC status. – Not found.
- x52. *Eriphia smithii* MacLeay China 1
Current name. – *Eriphia smithii* (Forsskål, 1775) (see Sakai, 1976).
ZMC status. – Not found.
53. *Thalamita serrata* Stimpson Loo Choo 1
Current name. – *Scylla serrata* (Forsskål, 1775) (see Keenan et al., 1998).
ZMC status. – Not found.
54. *Thalamita sima* de Haan China 1
Current name. – *Thalamita sima* H. Milne Edwards, 1834 (see Komai et al., 1992).
ZMC status. – Not found.
55. *Charybdis truncatus* Stimpson China 1
Current name. – *Charybdis truncata* (Fabricius, 1798) (see Sakai, 1976).
ZMC status. – Not found.
56. *Amphitrite hastatoides* de Haan China 1
Current name. – *Portunus hastatoides* (Fabricius, 1798) (see Sakai, 1976).
ZMC status. – Not found.
57. *Cheirogonus acutidens* Stimpson Japan 3
Current name. – *Telmessus acutidens* (Stimpson, 1858a: 39) (see Sakai, 1976).
ZMC status. – 3 males, cl 5.7, 5.8, and 8.0 mm.
Type status. – Possible types of *Cheiragonus acutidens* Stimpson, 1858.
Type localities. – Tsugar, Jesso Island, and Niphon.
- x58. *Trichocera oregonensis* Dana Oregon 1
Current name. – *Cancer oregonensis* (Dana, 1852c: 86) (see Rathbun, 1930).
ZMC status. – 1 male, cl 14.1 mm.
Type status. – Possible type.
Type locality. – “freto Pugettensi Americae occidentalis”.
- x59. *Scalopidia spinosipes* Stimpson China 1
Current name. – *Scalopidia spinosipes* Stimpson, 1858b: 95 (see Dai & Yang 1991).
ZMC status. – Not found.
Type status. – Possible type.
Type locality. – Hong Kong.
Remarks. – Also cited in Stimpson, 1907 (see footnote therein by M. J. Rathbun, p. 95).
60. *Ocypode laevis* Dana Hawayi 1
Current name. – *Ocypode laevis* Dana, 1852c: 325 (see Serène, 1968).
ZMC status. – Not found.
Type status. – Possible type.
Type locality. – Sandwich Islands.

- x61. *Macrophthalmus telescopicus* Hawai'i 1
Current name. – *Macrophthalmus verreauxi* H. Milne Edwards, 1848 (see Sakai, 1976).
ZMC status. – Not found.
62. *Gelasimus palustris* Milne Edwards Carolina 2
Current name. – *Uca minax* (LeConte, 1855) (see Williams, 1984).
ZMC status. – Not found.
63. *Gelasimus pugilator* Bosc Carolina 2
Current name. – *Uca pugilator* (Bosc, 1802) (see Williams, 1984).
ZMC status. – Not found.
64. *Gelasimus subcylindricus* Stimpson Texas 2
Current name. – *Uca subcylindricus* (Stimpson, 1859: 17) (see Crane, 1975).
ZMC status. – Not found.
Type status. – Possible type.
Type locality. – Matamoros on the Rio Grande, Mexico.
- x65. *Plagusia squamosa* Dana Madeira 1
Current name. – *Plagusia depressa* (Fabricius, 1775) (see Rathbun in Stimpson, 1907, and Manning & Holthuis, 1981)
ZMC status. – Not found.
Remarks. – The entry by Ch. Lütken mistakenly attributed authorship to Dana. In a footnote, Rathbun (in Stimpson, 1907: 122) attributed this specimen to *P. depressa*. *Plagusia squamosa* was described by Herbst (1790). For a discussion of the taxonomy of *P. squamosa* see Schubart & Ng (2000).
66. *Metograpsus thukuhar* Milne Edwards Hawai'i 1
Current name. – *Metopograpsus thukuhar* (Owen, 1839) (see Crosnier, 1965).
ZMC status. – Not found.
67. *Heterograpsus sanguineus* Milne Edwards Japan 1
Current name. – *Hemigrapsus sanguineus* (de Haan, 1835) (see Komai et al., 1992).
ZMC status. – Not found.
68. *Heterograpsus penicillatus* Stimpson Ibid. 2
Current name. – *Hemigrapsus penicillatus* (de Haan, 1835) (see Komai et al., 1992).
ZMC status. – Not found.
69. *Platygrapsus depressus* Stimpson Japan 1
Current name. – *Gaetice depressus* (de Haan, 1835) (see Komai et al., 1992).
ZMC status. – Not found.
70. *Cyclograpsus cinereus* Chili 1
Current name. – *Cyclograpsus cinereus* (Dana, 1851: 251) (see Garth, 1957).
ZMC status. – 1 male, cl 9.9 mm; 1 female, cl 8.5 mm.
Types status. – possible types.
Type localities. – ad oras Chilenses; quoque ad insulas "Sandwich".
71. *Ptychognathus glaber* Stimpson Bonin 1
Current name. – *Ptychognathus glaber* Stimpson, 1858b: 104 (see Sakai, 1976).
ZMC status. – 1 female, cl. 9.5 mm.
Type status. – Possible type.
Type locality. – Port Lloyd, Bonin Islands.
72. *Holometopus haematocheir* Milne Edwards China 1
Current name. – *Chiromantes haematocheir* (de Haan, 1833). (see Ng, & Liu, 1999).
ZMC status. – Not found.
73. *Sesarma cinerea* Say Carolina 1
Current name. – *Sesarma cinereum* (Bosc, 1802) (see Williams, 1984).
ZMC status. – Not found.
74. *Sesarma dehaani* Edwards China 1
Current name. – *Chiromantes dehaani* (H. Milne Edwards, 1853). (see Ng, & Liu, 1999).
ZMC status. – Not found.
- x75. *Varuna litterata* Edwards [no locality given] 1
Current name. – *Varuna litterata* (Fabricius, 1798) (see Sakai, 1976).
ZMC status. – Not found.
76. *Leucosia maculata* Stimpson [no locality given] 1
Current name. – *Leucosia rhomboidalis* de Haan, 1841 (see Sakai, 1976).
ZMC status. – Not found.
Type status. – Possible type of *Leucosia maculata* Stimpson, 1858c: 159.
Type locality. – Coast of China near Hong Kong.
- x77. *Leucosia vittata* Stimpson [no locality given] 1
Current name. – *Leucosia vittata* Stimpson, 1858c: 159 (see Sakai, 1976).
ZMC status. – 1 male, cl 14.2 mm.
Type status. – Possible type.
Type locality. – Coast of China near Hong Kong.
78. *Myra fugax* Leach [no locality given] 1
Current name. – *Myra fugax* (Fabricius, 1798) (see Sakai, 1976).
ZMC status. – Not found.
79. *Iphis septemspinosa* Leach [no locality given] 1
Current name. – *Arcania septemspinosa* (Fabricius, 1787) (see Dai & Yang, 1991).
ZMC status. – Not found.
- x80. *Dorippe facchino* de Haan [no locality given] 1
Current name. – *Dorippoides facchino* (Herbst, 1785) (see Holthuis & Manning, 1990).
ZMC status. – Not found.
- III. Macrura
81. *Crangon angusticauda* de Haan Japan 1
Current name. – *Metacrangon angusticauda* (de Haan, 1849) (see Komai et al., 1992).
ZMC status. – Not found.
82. *Gebia affinis* Say Carolina 1
Current name. – *Upogebia affinis* (Say, 1818) (Williams, 1984).
ZMC status. – Not found.

83. *Caridina exilirostris* Stimpson Loo Choo 1
Current name. – *Caridina typus* H. Milne Edwards, 1837 (see Kubo, 1938).
ZMC status. – Not found.
Type status. – Possible type of *Caridina exilirostris* Stimpson, 1860b: 29.
Type locality. – ad insulam Loo Choo.
84. *Crangon boreas* New England 1
Current name. – *Sclerocrangon boreas* (Phipps, 1774) (see Squires, 1990).
ZMC status. – Not found.
85. *Atyoida bisulcata* Randall Hawayi 1
Current name. – *Atyoida bisulcata* Randall, 1840 (see Chace, 1983).
ZMC status. – 1 female, cl 7.3 mm.
86. *Hippolyte lamellicornis* Dana Oregon 1
Current name. – *Spirontocaris lammelicornis* (Dana, 1852a: 24) (see Chace, 1997).
ZMC status. – 1 female, cl 6.7 mm.
Type status. – Possible type.
Type locality. – in freto 'de Fuca' Oregoniae, juxta portum 'Dungeness'.
87. *Argis lar* Krøyer Kamschatka 1
Current name. – *Argis lar* (Owen, 1839) (see Komai et al., 1992).
ZMC status. – Not found.
88. *Crangon munitus* Dana Oregon 1
Current name. – *Metacrangon munita* (Dana, 1852a: 20) (see Butler, 1980).
ZMC status. – 1 specimen, cl 8.0 mm.
Other repositories. – NHM (Evans, 1967: 408; syntypes).
Type status. – Possible type.
Type locality. – Puget Sound.
89. *Crangon vulgaris* Massachusetts 1
Current name. – *Crangon septemspinosa* Say, 1818 (see Williams, 1984).
ZMC status. – 2 females, 7.1 and 7.4 mm.
90. *Crangon franciscorum* Stimpson California 1
Current name. – *Crangon franciscorum* Stimpson, 1856: 89 (see Butler, 1980).
ZMC status. – 2 ovigerous females, cl 13.6 and 16.1 mm.
Other repositories. – NHM (Evans, 1967: 402; syntypes).
Type status. – Possible types.
Type locality. – Around San Francisco Bay, California.
91. *Crangon nigricauda* Stimpson California 1
Current name. – *Crangon nigricauda* Stimpson, 1856: 89 (see Butler, 1980).
ZMC status. – 1 ovigerous female, cl 10.6 mm.
Other repositories. – NHM (Evans, 1967: 402; syntypes).
Type status. – Possible type.
Type locality. – San Francisco Bay, California.
- x92. *Aglea intermedia* Grd Chili 1
Current name. – *Aegla intermedia* Girard, 1855 (see Haig, 1955).
ZMC status. – Not found.
- x93. *Crangon salebrosus* Owen Kamschatka 1
Current name. – *Sclerocrangon salebrosa* (Owen, 1839) (see Komai et al. 1992).
ZMC status. – Not found.
94. *Hippolyte aculeata* Fabr. Kamschatka 1
Current name. – *Lebbeus groenlandica* (Fabricius, 1775) (see Holthuis, 1993; Chace, 1997).
ZMC status. – 1 female, cl 7.2 mm.
95. *Latreutes ensiferus* Stimpson Atlantic 1
Current name. – *Latreutes fucorum* (Fabricius, 1798) (see Chace, 1997).
ZMC status. – Not found.
96. *Cyclorhynchus granulosus* Stimpson Texas 1
ZMC status. – Not found.
Type status. – Possible type.
Type locality. – St. Joseph's Island, Texas.
Current name. – *Latreutes parvulus* (Stimpson, 1871: 151) (see Chace, 1997).
Remarks. – *Cyclorhynchus* de Haan, 1845, is preoccupied, and was replaced by *Rhynchocylus* Stimpson, 1860, now considered to be a synonym of *Latreutes* Stimpson, 1860 (see Chace, 1997). Apparently *granulosus* is a lapsus or a manuscript name for *parvulus*. Stimpson (1866: 48) published a truncated and incomplete description of *Rhynchocylus parvulus*. In the same paper, he named *Glypturus*, *G. acanthochirus*, *Callichirus*, *Scyllarus nodifer* (now *Scyllarides nodifer*; see Williams, 1984), and *Hippolysmata californica* (now *Lysmata californica*; see Chace, 1997). These accounts were repeated by Stimpson in 1871, in which the original account of 1866 was cited for each one. Stimpson (1871) named *Rhynchocylus parvulus* from material collected in Texas. In this latter account, Stimpson did not cite his account of 1866, but considered *R. parvulus* to be a new species. We suggest that *R. parvulus* Stimpson, 1866, is a nomen nudum, and that the name should date from 1871.
97. *Hippolyte leptognathus* Stimpson Japan 1
Current name. – *Eualus leptognathus* (Stimpson, 1860b: 34) (see Komai et al., 1992, Chace, 1997).
ZMC status. – 1 female, cl 4.4 mm.
Type status. – Possible type of *Hippolyte leptognatha* Stimpson, 1860.
Type locality. – Hakodadi.
98. *Hippolyte pictus* Stimpson Californien 2
Current name. – *Heptacarpus sitchensis* (Brandt, 1851) (see Chace, 1997).
ZMC status. – 2 ovigerous females, cl 4.1 and 4.8 mm.
Other repositories. – NHM (Evans, 1967: 401; syntype).
Type status. – Possible types of *Hippolyte pictus* Stimpson, 1871: 125.
Type locality. – Monterey, California.
99. *Cyclorhynchus planirostris* de Haan Japan 2
Current name. – *Latreutes planirostris* (de Haan, 1844) (see Chace, 1997).
ZMC status. – Not found.
100. *Virbius acuminatus* Stimpson Atlantic 1
Current name. – *Hippolyte coeruleus* (Fabricius, 1775) (d'Udekem d'Acoz, 1996; Chace, 1997).
ZMC status. – 2 ovigerous females, cl 6.8 and 3.4 mm.
101. *Regulus lucidens* Dana Pacific 1
Current name. – *Thalassocaris lucida* (Dana, 1852a: 27) (see Chace, 1985).
ZMC status. – Not found.
Type status. – Possible type of *Regulus lucidus* Dana, 1852.
Type locality. – in mari Pacifico, prope insulas "Ladrone".

102. *Alpheus heterochaelis* Say Florida ?
Current name. – *Alpheus heterochaelis* Say, 1818 (see Williams, 1984).
ZMC status. – Not found.
103. *Pandalus esca* Stimpson Madeira 1
Current name. – *Plesionika narval* (Fabricius, 1787) (see Chan & Crosnier, 1991).
ZMC status. – 1 ovigerous female, cl 11.7 mm.
Other repositories. – NHM (Evans, 1967: 401; syntypes).
Type status. – Possible type of *Pandalus esca* Stimpson, 1860b: 37.
Type locality. – Insulam Madeira.
Remarks. – Evans (1967: 401) noted that the material in The Natural History Museum, London, was labeled “*esca*”, which she assumed was an abbreviation.
 This species was recognized as *Plesionika esca* by Lemaitre & Gore (1988), and synonymized with *Plesionika narval* (Fabricius, 1787) by Chan & Crosnier (1991).
104. *Hippolyte brevisrostris* Dana Oregon 1
Current name. – *Heptacarpus brevisrostris* (Dana, 1852a: 24) (see Butler, 1980).
ZMC status. – Not found.
Type status. – Possible type.
Type locality. – in freto “de Fuca”, juxta portum “Dungeness”.
Remarks. – Noted as missing in ZMC ledger for 1859.
105. *Pandalus gracilis* Stimpson Japan 1
Current name. – *Pandalus gracilis* Stimpson, 1860b: 37 (see Komai et al., 1992).
ZMC status. – 1 specimen, cl 5.8 mm.
Other repositories. – NHM (Evans 1967: 401; syntype).
Type status. – Possible type.
Type locality. – Hakodadi.
106. *Palaemon debilis* Dana Loo Choo 1
Current name. – *Palaemon debilis* Dana, 1852 (see Chace & Bruce, 1993).
ZMC status. – 1 male, cl 4.8 mm.
Other repositories. – NHM (Evans 1967: 408; types).
107. *Urocaris longicaudatus* Stimpson Carolina 1
Current name. – *Periclimenes longicaudatus* (Stimpson, 1860b: 39) (see Williams, 1984).
ZMC status. – 1 female, cl 2.5 mm.
Other repositories. – NHM (Evans, 1967: 408; syntypes).
Type status. – Possible type of *Urocaris longicaudatus* Stimpson, 1860.
Type locality. – Carolinas.
108. *Palaemonopsis vulgaris* Stimpson Carolina 2
Current name. – *Palaemonetes vulgaris* (Say, 1818) (see Squires, 1990).
ZMC status. – Not found.
109. *Palaemon natator* Edwards Florida 1
Current name. – *Leander tenuicornis* (Say, 1818) (see Chace, 1972).
ZMC status. – 1 specimen, cl 4.8 mm.
110. *Hippolyte pusiola* Krøyer Massachusetts Bay 1
Current name. – *Eualus pusiolus* (Krøyer, 1841) (see Squires, 1990).
ZMC status. – Not found.
111. *Caridina acuminata* Stimpson Bonin 1
Current name. – *Caridina typus acuminatus* Stimpson, 1860b: 29 (see Bouvier, 1925). Kubo (1938), who had no material, considered this species to fall within the range of variation of his material of *Caridina typus* H. Milne Edwards, 1837.
ZMC status. – Not found.
Type status. – Possible type of *Caridina typus acuminatus* Stimpson, 1860.
Type locality. – ad insulas ‘Bonin’.
112. *Palaemon pacificus* Stimpson China 1
Current name. – *Palaemon pacificus* (Stimpson, 1860b: 40) (see Chace & Bruce, 1993).
ZMC status. – Not found.
Other repositories. – NHM (Evans, 1967: 402; as syntypes of *Leander pacificus* Stimpson, 1860).
Type status. – Possible type of *Leander pacificus* Stimpson, 1860.
Type localities. – Hawaii; Hong Kong; Simoda, Japan.
- x113. *Pleuroncodes planipes* Stimpson California 3
Current name. – *Pleuroncodes planipes* Stimpson, 1860a: 245 (see Hendrickx, 1994).
ZMC status. – Not found.
Other repositories. – NHM (Evans, 1967: 403; syntype).
Type status. – Possible type.
Type localities. – Pacific Ocean, off the American coast; 24°N, 130°W; Monterey, California.
- x114. *Glypturus acanthochirus* Stimpson Florida 1
Current name. – *Glypturus acanthochirus* Stimpson, 1866: 46 (see Manning & Felder, 1991).
ZMC status. – Not found.
Other repositories. – NHM (Evans, 1967: 402; syntype).
Type status. – Possible type.
Type locality. – Tortugas, Florida.
Remarks. – Note that this material was sent out by Stimpson in 1859, several years before the name was published.
115. *Palaemonopsis exilipes* Stimpson Carolinas 1
Current name. – *Palaemonetes paludosus* (Gibbes, 1850) (see Holthuis, 1952).
ZMC status. – 3 females (2 ovigerous), cl 7.8 (7.1 and 7.5) mm.
Type status. – Possible types of *Palaemonetes exilipes* Stimpson, 1871.
Type locality. – Somerville, South Carolina.
Original citation. – Stimpson (1871: 157, as *Palaemonetes*) (“This species has been distributed under the name *Palaemonopsis exilipes*” in Stimpson, 1871: 157).
116. *Palaemon pandaliformis* Stimpson Antill 1
Current name. – *Palaemon pandaliformis* (Stimpson, 1871: 157) (see Chace, 1972).
ZMC status. – Not found.
Type status. – Possible type of *Leander pandaliformis* Stimpson, 1871.
Type locality. – Barbados or Trinidad.
117. *Hippolyte fabricii* Krøyer Massachusetts Bay 1
Current name. – *Eualus fabricii* (Krøyer, 1841) (see Chace, 1997).
ZMC status. – Not found.
118. *Alpheus formosus* Gibbes Florida 1
Current name. – *Alpheus formosus* Gibbes, 1850 (see Williams, 1984).
ZMC status. – Not found.

119. *Hippolyte Sowerbei* Massachusetts Bay 1
Current name. – *Spirontocaris spinus* (Sowerby, 1805) (see Chace, 1997).
ZMC status. – Not found.

120. *Alpheus laevis* Randall Hawayi 1
Current name. – *Alpheus lottini* Guérin, 1829 (see Chace, 1988).
ZMC status. – Not found.

Notes from end of list, p. 197.

“N.B. Whether the locality for Nos 110, 117 and 119 is Manan Bay or ‘Massachusetts Bay’ is unknown to me. C. Ltk” (Lütken) [all three are listed as from Mass. Bay].

“N.B.! Of the species listed the following were missing [neither was found by us]:

No. 36. *Diogenes edwardsi* Stimps.

No. 104. *Hippolyte brevirostris* Dana.”

“On the other hand, there were three crabs (not found by us), each wrapped in its own paper, namely:

Cyclograpsus cinereus = *Cyclograpsus cinereus* Dana, 1851 (#70, above).

Naxia diacantha = *Hyastenus diacanthus* (de Haan, 1839) (#41, above).

Platygrapsus depressus = *Gaetice depressus* (de Haan, 1835) (# 69 above).”

“Finally, 1 *Asterophyton muricatum*.

Species marked with an x should be considered for the exhibition when convenient.”

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