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OF THE

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SPECIMENS OF CRUSTACEA

IN

THE COLLECTION

OF THE

BRITISH MUSEUM.

NATIONAL MUSEUM, WASHINGTON

PRINTED BY ORDER OF THE TRUSTEES.

LONDON, 1847.

68

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INTRODUCTION.

THE principal object of the present Catalogue has been to give a complete list of the specimens of Crustacea contained in the collection of the British Museum, indicating, at the same time, varieties, locality, and the source from whence they have been derived.

With this view, the different individuals of each species contained in the collection are indicated by the letters *a, b, c,* &c., following the name of the species, and its synonymes.

The *habitat* is given as particularly as the materials possessed by the Museum permit; but as many specimens have been procured from dealers, it is often impossible to give the place from whence they are derived, except in the most general terms.

Those specimens which have been presented to the Museum have the name of the donor marked immediately after the *habitat*, and in general, the collection from whence the specimen has been purchased, or procured in exchange, is also marked; as it often gives some authenticity to its history.

In the adoption of generic and specific names, it has been thought right to use, wherever it was possible, that which was

first applied to the species: as far as regards the specific names, there is comparatively little difficulty in the application of this simple rule; but generic names have been used by different authors in senses so widely different, and the groups which they were meant to designate have been so variously extended and restricted, that it was no easy matter to determine, where several names had been used, which of them ought to be preferred.

If the generic name adopted be different from that first employed for the species after the establishment of the Linnean system of nomenclature, the name under which it was first described follows as a synonyme, and where the specimen has received more than one specific name, those names are also given, as being sufficient for all purposes of identification; and to facilitate this kind of reference, the specific names used will be all referred to in the *Index*, followed by an indication of the genus to which they belong.

These are followed by a reference to the best original figures of the species.

In those cases where the two sexes of the same species, or any particular individual state or variety belonging to it, have been differently named, the name or figure exclusively appertaining to the state or individual is placed after the indication of the specimen to which it applies.

Great care has been taken by Mr. Adam White in the determination of the species, the verification of the synonymes, and in arranging them into generic groups, in accordance with the present state of the science.

The specimens collected by my friend and predecessor, Dr. W. E. Leach, may be considered as the nucleus of this collection, and great attention has been paid to the published and

manuscript names which he had attached to the specimens then in the collection.

The Crustacea of Great Britain have been enriched by specimens presented by

The Rev. Professor Henslow,

Charles Prideaux, Esq.,

Thomas Bell, Esq.,

George Johnston, M.D.,

Henry Goodsir, Esq., R.N.,

D. W. Mitchell, Esq.,

R. Q. Couch, Esq.,

W. P. Cocks, Esq.,

Rev. Dr. Fleming,

Patrick Neill, LL.D.,

William Baird, M.D.,

George Newport, Esq.,

W. Comyns, Esq.,

R. Stevenson, Esq.,

Rev. Dr. Goodall,

John Scouler, M.D.,

W. V. Thompson, Esq., and

W. Thompson, Esq., from the Coast of Ireland.

And purchased of

Colonel George Montagu,

Mr. John Cranch.

The Crustacea of the Coast of Europe, presented by

Miss Emilie Attersoll, from Malta.

W. E. Leach, M.D., from Nice.

Professor Desmarest, J. E. Gray, Esq., Marquess Spinola, and S. P. Pratt, Esq., from the Mediterranean.

Captain Lewis, from Genoa.

Madame Jeannette Power and William Swainson, Esq., from Sicily.

Dr. Heckel, from Dalmatia.

M. Drewsen and Dr. Möller, from Iceland.

G. Woodfall, Esq., from Norway.

W. W. Saunders, Esq., from Albania.

The Asiatic specimens, presented by

Major-General Thomas Hardwicke, from India and the Indian Islands.

Capt. Sir Edward Belcher, C.B., R.N., from the Indian Ocean, Chinese and Japanese Seas.

Dr. Davy and Robert Templeton, Esq., R.A., from Ceylon.

J. C. Bowring, Esq., from China.

Purchased of

Mr. Cuming, a large collection from the Philippine Islands, and *The Leyden Museum,* the species from China and Japan described by M. De Haan.

Species from the Coast of Africa, presented by

Mr. John Cranch, from the Congo Expedition.

T. Whitfield, Esq., and G. Newport, Esq., from the W. Coast of Africa and Cape de Verd.

The Earl of Derby.

Andrew Smith, M.D., from Port Natal and the Cape of Good Hope.

Capt. Carmichael, from Tristan da Cunha.

J. Ritchie, Esq., from Tunis.

Rev. T. R. Lowe and O. Blewitt, Esq., from Madeira.

J. Burton, Jun., Esq., and *Sir John G. Wilkinson*, from the Red Sea.

Lady Frances Cole, from the Mauritius.

M. Matthieu, from the Isle of France.

Purchased of

Mr. Fraser, from the Coast of Barbary and W. Africa.

Dr. Janvier, from the Mauritius.

North American species, presented by

Colonel Edward Sabine, from Baffin's Bay.

Thomas Say, Esq., from the United States, being the types of the species he described.

Edward Doubleday and B. Winstone, Esqrs., and *Dr. Wagner*, from the United States.

W. C. St. John, Esq., from Newfoundland.

Dr. Philip MacLagan, from Canada.

Rev. Lansdowne Guilding and E. Redman, Esq., from the West Indies.

Lady Katherine Douglas and Sir George Simpson, from the West Coast.

Purchased of

Mr. Scrivener and Mr. Gosse, from the West Indies.

The South American species, presented by

Lord Stuart de Rothesay, W. Swainson, Esq., J. P. George Smith, Esq., and *Mrs. Smith*, from the Coast of Brazil.

Sir R. Schomburgk, from British Guiana.

Capt. Sir James C. Ross, R.N., Dr. Joseph Hooker, Lieut. Alex. Smith, R.N., W. E. Wright, Esq., Charles Darwin, Esq., from the South Coast of America, the Falkland Islands, &c.

H. B. Hillier, Esq., Rev. W. Hennah, H. Bridges, Esq., and T. Bell, Esq., from the Coast of Chili.

Dr. Andrew Sinclair, from Guayaquil.

M. Goudot, from Columbia.

The Australasian species, presented by

Lieut. A. Smith, R.N., and R. Gunn, Esq., from Van Diemen's Land.

The Earl of Derby, Sir John Richardson, M.D., Capt. Sir James C. Ross, R.N., and J. B. Jukes, Esq., from various parts of Australasia.

Dr. Andrew Sinclair, Dr. Stanger, and Dr. Dieffenbach, from New Zealand.

Purchased of

Mr. Dring, from S. Australia.

Mr. Gould, from Port Essington.

Mr. Earl, from New Zealand.

The collection has been arranged on the system of M. Milne-Edwards' History of Crustacea, with additions from M. De Haan's work on the Crustacea of Japan, and other later contributions to this branch of zoology.

JOHN EDWARD GRAY.

British Museum,

April 12th, 1847.

LIST OF CRUSTACEA.

CLASS. CRUSTACEA.

MALACOSTRACA. PODOPHTHALMATA.

Order I. DECAPODA. BRACHYURA.

Family 1. INACHIDÆ.

LEPTOPODIA, *Leach*.

LEPTOPODIA sagittaria, *Leach*, *Zool. Misc.* ii. t. 67. *Parra*, t. 56, f. 3. *Guerin*, *Icon.* t. 11, f. 4. *Edw. Crust.* i. 276, *D'Orbigny*, *V. Am. Mer.* t. 4, f. 3. *Cancer sag.*, *Fabr. Ent. Syst. Suppl.* 359. *Cancer seticornis*, *Herbst.* iii. t. 55, f. 2. *Leptopodia lanceolata*, *Brullé*, *Isles Can.* fig. 1. (*Olim.*)

a—d. Males. W. Indies.

e—h. Females. W. Indies.

j. (*Pactolus Boscii*, *Leach*, *Linn. Trans.* xi. 333. *Zool. Misc.* ii. t. 68. Carapace of a female, with the legs of another crab artificially coloured).

k. Madeira.

STENORHYNCHUS, *Lam.*

STENORHYNCHUS Phalangium, *Edw. Crust.* i. 279. *Bell*, *Brit. Crust.* 2, fig. C. *Phal.*, *Penn. Brit. Zool.* iv. 7, t. 9, f. 17. *M. Phal.*, *Leach*, *Mal.* t. 23, f. 6. *Desm. Cons.* t. 23, f. 3. *Guerin*, *Icon.* t. 21, f. 2. *C. rostratus*, *L. Faun. Suec.* 2027. *Syst. Nat.* 1045, 31?

a—f. Males. Torbay.

g, h. Males. Sussex. Presented by J. E. Gray, Esq.

j—q. Females. Torbay.

r, s. Carapaces.

t—x. Dalmatia. From Dr. Heckel's collection.

z. Female. Presented by Lord Aylesford.

PORCELLANA Sayana. *Pisidia* S., *Leach, Dict. Sc. Nat.* 18, p. 54.
Desm. Cons. 199. *Porc. galathina*, *Say, Journ. Acad. Sc. Phil.* i. p. 56 (not *Bosc.*).

a—d. Coasts of United States. Presented by Thomas Say, Esq.

PORCELLANA pilosa, *Edw. Crust.* ii. 255.

a. West Indies. From Mr. Scrivener's collection.

PORCELLANA subpilosa, n. s.

a—d. E. Indies. Presented by Gen. Th. Hardwicke.

PORCELLANA longicornis, *Edw. Crust.* ii. 257. Cancer long.,
Linn. Syst. Nat. 1040, 10. *Seba*, iii. t. 17, f. 1-4. *Penn. Brit. Zool.* iv. 3, t. 1, f. 3. *Pisidia Linnæana*, *Leach, Dict. Sc. Nat.* 18, p. 54. *Desm. Cons.* 197. *Porc. Leachii*, *Gray, Zool. Misc.* p. 15.

a—f. Young. British Coast. From the collections of Col. Montagu and Dr. Leach.

g—m. Males. British Coast. From the collections of Col. Montagu and Dr. Leach.

n, o. Females. British Coast. From the collections of Col. Montagu and Dr. Leach.

p—t. Europe.

PORCELLANA soriata, *Say, Journ. Acad. Sc. Phil.* i. p. 456. *Pisidia sociata* (for *soriata*), *Leach, Dict. Sc. Nat.* 18, p. 54. *Desm. Cons.* 199. *Edw. Crust.* ii. 258.

a—c. Georgia. Presented by Thomas Say, Esq.

PORCELLANA streptochirus, n. s.

a, b. Philippine Islands (Corregidor). From the collection of Mr. Cuming.

MEGALOPA, *Leach.*

MEGALOPA rhomboidalis, *Leach, Edin. Encycl.* Cancer rhomb.,
Mont. Linn. Trans. v. 65, t. 6, f. 1. *Megalopa Montagui*,
Leach, Mal. Pod. t. 16, f. 1-6. *Desm. Cons.* 201. *Edw. Crust.* ii. 262.

a. South Coast of Devon. From the collection of Col. Montagu.

b, c. Torbay (Devon). Presented by J. Bulwer, Esq.

MEGALOPA armata, *Leach, Mal. Pod.* t. 16, f. 7-9. *Desm. Cons.* 201. *Edw. Crust.* ii. 262.

a, b. Bigbury Bay (Devon). Presented by C. Prideaux, Esq.

MEGALOPA maculata, *Leach. Tuckey's Congo*, 414. *Griff. A. K. Crust.* t. 25, f. 3.

a, b. Gulf of Guinea. Congo Expedition.

MEGALOPA sculpta, *Leach. Tuckey's Congo*, 414. *Griff. A. K. Crust.* t. 25, f. 1.

a. Gulf of Guinea. Congo Expedition.

- MEGALOPA mutica*, *Desm. Cons.* 201, t. 34, f. 2. *Guerin. Icon. t.* 18, f. 3. *Edw. Crust.* ii. 262. *Krauss, Sudafr. Crust.* 54.
a—d. Coast of France.
e—n. On whale's head, Cape of Good Hope. Presented by Dr. Andrew Smith.
o. Cape of Good Hope. From the collection of Dr. Krauss.

MONOLEPIS, *Say.*

MONOLEPIS inermis, *Say, Journ. Acad. Sc. Phil.* i. 157. *Desm. Cons.* i. 200. *Edw. Crust.* ii. 264.

a, b. United States (Maryland). Presented by Thomas Say, Esq.

MONOLEPIS spinitarsus, *Say, Journ. Acad. Sc. Phil.* i. p. 158. *Desm. Cons.* 200. *Edw. Crust.* ii. 264.

a. United States (S. Carolina). Presented by Thomas Say, Esq.

MONOLEPIS orientalis, *n. s.*

a—r. Port Essington. From the collection of Mr. Gould.

DECAPODA MACROURA.

Family GALATHEIDÆ.

ÆGLEA, *Leach.*

ÆGLEA lævis, *Leach, Dict. Sc. Nat.* 18, p. 49. *Desm. Cons.* 187, t. 33, f. 2. *Edw. Crust.* ii. 260. *Cuv. R. A. (Croch), t.* 47, f. 3. *Galathea lævis*, *Latr. Enc. Meth. t.* 308, f. 2.

a. Chili. From the collection of Mr. Bridges.

GALATHEA, *Fabr.*

GALATHEA strigosa, *Fabr. Ent. Syst. Suppl.* 414. *Desm. Cons.* 189, t. 33, f. 1. *Roux, Crust. t.* 19. *Guer. Icon. t.* 17, f. 3. *Cuv. R. A. (Croch), t.* 47, f. 1. *Edw. Crust.* ii. 273. *Bell, Brit. Crust. Cancer s., Linn. Syst. Nat.* ii. 1053? *Herbst, ii. t.* 26, f. 2. *Penn, Brit. Zool. iv. t.* 14, f. 26. *De Geer, Mem. vii. t.* 23, f. 1. *Galathea spinigera*, *Leach, Linn. Trans. xi.* 340. *Mal. Pod. Brit. t.* 28, B.

a—c. Young. British Coast. From the collections of Dr. Leach and Col. Montagu.

d—f. British Coast. From the collections of Dr. Leach and Col. Montagu.

g, h. Dalmatia. From the collection of Dr. Heckel.

j, k. Marseilles. Presented by J. Ritchie, Esq.

GALATHEA rugosa, *Fabr. Ent. Syst. Suppl.* 415. *Desm. Cons.* 191. *Edw. Crust.* ii. 274. *Leach, Mal. Pod. Brit.* t. 29. *Bell, Brit. Crust.* *Cancer Bamffius*, *Penn, Brit. Zool.* iv. 14, t. 13, f. 25. *Herbst*, ii. t. 27, f. 3 (copied from *Penn.*). *Galathea longipeda*, *Lam. Syst. d. An. s. Vert.* 158. *Munida r.*, *Leach MSS.*

a. Young. British Coast.

b, c. Plymouth Sound. Presented by C. Prideaux, Esq.

d, e. Europe. From the collection of Dr. Leach.

GALATHEA subrugosa, n. s., *Zool. Ereb. & Terr. t. f.*

a, b. Auckland Islands (Rendezvous Cove). Antarctic Expedition.

GALATHEA squamifera, *Leach, Mal. t.* 28, A. *Edw. Crust.* ii. 275. *Bell, Brit. Crust.* *G. strigosa?* *Bosc.* ii. t. 12, f. 2. *Latr. Hist. Nat. Crust.* vi. t. 53, f. 2.

a—c. Young. S. Coast of Devon. From the collection of Col. Montagu.

d—g. Males and females. S. Coast of Devon. From the collection of Col. Montagu.

h. Sussex. Presented by J. E. Gray, Esq.

j. Mediterranean.

k, l. Young. Cornwall (Falmouth). Presented by W. P. Cocks, Esq.

m—q. Sicily. Presented by W. Swainson, Esq.

GALATHEA affinis, n. s.

a. Philippine Islands. From Mr. Cuming's collection.

GALATHEA elegans, n. s.

a, b. Philippine Islands (Corregidor). From the collection of Mr. Cuming.

c. Var. Philippine Islands. From the collection of Mr. Cuming.

GRIMOTHEA, *Leach.*

GRIMOTHEA gregaria, *Leach, Dict. Sc. Nat.* xviii. 50. *Desm. Crust.* 188. *Cuv. R. A. (Croch)*, t. 47, f. 2. *Griff. A. K. Crust.* t. 19. Var. *G. Duperreii*, *Edw. Crust.* ii. 277. *G. gregaria*, *Guer. Voy. Coq.* t. 3, f. 1. *Galathea gregaria*, *Fabr. Ent. Syst. Suppl.* 415.

a. Magellan Straits. Presented by J. E. Gray, Esq.

b, c. ———. Presented by Gen. Th. Hardwicke.

d—o. Magellan Straits. Presented by the Lords of the Admiralty (Antarctic Expedition).

Family SCYLLARIDÆ.

SCYLLARUS, *Fabr.*

SCYLLARUS arctus, *Fabr. Ent. Syst. Suppl.* 399. *Lund. Kiøb. Nat. Selsk.* ii. 21. *Desm. Cons.* 182. *Roux, Crust. t.* 11. *Cuv. R. A. (Croch), t.* 45, *f.* 1. *Edw. Crust.* ii. 282. Cancer (*Astacus*) ursus minor, *Herbst, ii. t.* 30, *f.* 2. *C. arctus*, *Ræmer, Gen. Ins. t.* 32, *f.* 3. *Linn. Syst. Nat.* ii. 1084. *Scyllarus cicada*, *Risso, Crust. Nice.* 61. *Hist. Nat. Eur. Mer. v.* 45. *Chiambré, Macoto-Cigalo, Ital.*

- a-c.* Young. Sicily. Presented by Wm. Swainson, Esq.
d. Young. Nice. From the collection of Dr. Leach.
e. Marseilles. From the collection of Dr. Leach.

SCYLLARUS rugosus, *Latr. MSS. Edw. Crust.* ii. 283.

- a.* Indian Ocean.

SCYLLARUS insularis, n. s.

- a.* Philippine Islands. From the collection of Mr. Cuming.

SCYLLARUS Sinensis, n. s.

- a-d.* China.

- e-j.* China.

- k.* China. From Dr. Mantell's collection.

- l-n.* China. Presented by J. Bowring, Esq.

SCYLLARUS latus, *Latr. Crust.* vi. 182. *Desm. Cons.* 182. *Savigny, Egypte Crust. t.* 8, *f.* 1. *Guer. Icon. t.* 17, *f.* 1. *Edw. Crust.* ii. 284.

- a.* "Mediterranean?"

- b.* Madeira. Presented by the Rev. T. Lowe.

- c.* Albania. Presented by W. Wilson Saunders, Esq.

SCYLLARUS squamosus, *Edw. Crust.* ii. 284. *Scyll. orientalis*, *Bosc. ii. t.* 10, *f.* 1? (not of Authors).

- a, b.* Isle of France. From the collection of Dr. Leach.

SCYLLARUS æquinoctialis, *Fabr. Ent. Syst. Suppl.* 399. *Edw. Crust.* ii. 285, *t.* 24, *f.* 6. *Lund. Kiøb. Nat. Selsk.* ii. 21. *Brown, Jam. 424, t.* 41, *f.* 1. *Parra, t.* 54, *f.* 1.

- a.* S. America.

- b.* W. Indies.

- c-e.* Brazil. Presented by Lord Stuart de Rothesay.

THENUS, *Leach.*

THENUS orientalis, *Edw. Crust.* ii. 286. *Cuv. R. A. (Croch), t.* 45, *f.* 2. Cancer (*Astacus*) arctus, *Herbst, ii. t.* 30, *f.* 1. *Scyllarus orient.*, *Fabr. Ent. Syst. Suppl.* 399. *Lund. Kiøb. Nat. Selsk.* ii. 22. *Thenus Indicus*, *Leach, Linn. Tr.* xi. 338.