

MILNE EDWARDS, H.

1837. Histoire naturelle des Crustacés, comprenant l'anatomie, la physiologie et la classification de ces animaux, vol. 2, pp. 1-532, atlas, pp. 1-32, pls. 1-42.
1838. Arachnides, Crustacés, Annélides, Cirrhipèdes. In: Lamarck, J.B.P.A. de, Histoire naturelle des Animaux sans Vertèbres, présentant les caractères généraux et particuliers de ces animaux, leur distribution, leurs classes, leurs familles, leurs genres, et la citation des principales espèces qui s'y rapportent; précédée d'une introduction offrant la Détermination des caractères essentiels de l'Animal, sa Distinction du végétal et des autres corps naturels; enfin, l'Exposition des principes fondamentaux de la Zoologie, ed. 2 vol. 5, pp. 1-699.

— AND LUCAS, H.

1843. Crustacés. In: Orbigny, A.d', Voyage dans l'Amérique méridionale (le Brésil, la république orientale de l'Uruguay, la république Argentine, la Patagonie, la république du Chili, la république de Bolivia, la république du Pérou), exécuté pendant les années 1826, 1827, 1828, 1829, 1830, 1831, 1832 et 1833, vol. 6 pt. 1, pp. 1-37, pls. 1-17.

MOLINA, G. I.

1782. Saggio sulla storia naturale del Chili, ed. 1, (number of pages not known to me) 7 pls., 1 map. (A second edition appeared in 1810).
1786. Versuch einer Naturgeschichte von Chili.
- 1788-1795. Compendio de la historia geografica, natural y civil del reyno de Chili. 2 vols.
1789. Essai sur l'histoire naturelle du Chili, pp. i-xvi, 1-351.
1808. The geographical, natural and civil History of Chili. With Notes from the Spanish and French Versions, and an Appendix, containing copious extracts from the Araucana of Don Alonzo de Ercilla, vol. 1, pp. i-xii, 1-271, 1 map; vol. 2, pp. i-viii, 1-305, app., pp. i-iv, 1-68.
1810. Saggio sulla storia naturale del Chili. ed. 2.

MOREIRA, C.

1901. Crustaceos do Brazil. Contribuições para o conhecimento da fauna Brazileira. Arch. Mus. Nac. Rio de Jan., vol. 11, pp. 1-151, i-iv, pls. 1-4.
1903. Crustaceos da Ponta do Pharol em S. Francisco do Sul no Estado de Santa Catharina. Arch. Mus. Nac. Rio de Jan., vol. 12, pp. 119-123.
1912. Crustacés du Brésil. Mén. Soc. zool. France, vol. 25, pp. 145-154, text figs. 1-3, pls. 3-6.
1913. Crustaceos. Comissao de Linhas Telegraphicas Estrategicas de Matto-Grosso ao Amazonas. Anexo N. 5. Historia Natural. Zoologia, pp. 1-21, text figs. 1, 2, pls. 1-7.

MULLER, F.

1880. *Palaemon Potiuna*. Ein Beispiel abgekürzter Verwandlung. Zool. Anz., vol. 3, pp. 152-157.
1892. O camarao preto, *Palaemon Potiuna*. Arch. Mus. Nac. Rio de Jan., vol. 8, pp. 179-206, pls. 11-13.

MURRAY, J. AND HJORT, J.

1912. The Depths of the Ocean. A general Account of the modern Science of Oceanography based largely on the scientific Researches of the Norwegian Steamer Michael Sars in the North Atlantic. With Contributions from A. Appellöf, H. H. Gran and B. Helland-Hansen, pp. i-xx, 1-821, text figs. 1-575, pls. 1-9.

NEHER, E. M.

1902. The Eye of *Palaemonetes Antrorum*. Proc. Indiana Acad. Sci., vol. 12, pp. 96-101, figs. 1-7.

NEUMANN, R.

1878. Systematische Uebersicht der Gattungen der Oxyrhynchen. Catalog der Podophthalmen Crustaceen des Heidelberger Museums. Beschreibung einiger neuer Arten, pp. 1-39.

NICOLET, H.

1849. Crustaceos. In: Gay, C., Historia fisica y politica de Chile segun documentos adquiridos en esta republica durante doce años de residencia en ella y publicada bajo los auspicios del supremo gobierno. Zool., vol. 3, pp. 115-318, pls. 1-4.

NIERSTRASZ, H. F. AND BRENDER à BRANDIS, G. A.

1925. Epicaridea. Bijdragen tot de Kennis der Fauna van Curaçao. Resultaten ener Reis van Dr. C. J. van der Horst in 1920. Bijdr. Dierk., vol. 24, pp. 1-8, pl. 1.

NOBILI, G.

1896. Crostacei decapodi. Viaggio del Dr. Alfredo Borelli nel Chaco Boliviano e nella Repubblica Argentina. Boll. Mus. Zool. Anat. comp. Torino, vol. 11, n. 265, pp. 1-3.
- 1896a. Crostacei decapodi. Viaggio del Dott. A. Borelli nella Republica Argentina e nel Paraguay. Boll. Mus. Zool. Anat. comp. Torino, vol. 11, n. 222, pp. 1-4.
1897. Decapodi e Stomatopodi raccolti dal Dr. Enrico Festa nel Darien, a Curaçao, La Guayra, Porto Cabello, Colon, Panama, ecc. Boll. Mus. Zool. Anat. comp. Torino, vol. 12, n. 280, pp. 1-8.
- 1897a. Decapodi terrestri e d'acqua dolce. Viaggio del Dr. Enrico Festa nella Repubblica dell'Ecuador e regioni vicine. I. Boll. Mus. Zool. Anat. comp. Torino, vol. 12, n. 275, pp. 1-6.
1898. Crostacei Decapodi e Stomatopodi di St. Thomas (Antille). Boll. Mus. Zool. Anat. comp. Torino, vol. 13, n. 314, pp. 1-3.
1899. Contribuzioni alla conoscenza della fauna carcinologica della Papuasìa, delle Molucche e dell'Australia. Ann. Mus. Stor. Nat. Genova, vol. 40, pp. 230-282.
- ~~1900. Contribuzioni alla conoscenza della fauna carcinologica della Papuasìa, delle Molucche e dell'Australia. Ann. Mus. Stor. Nat. Genova, vol. 40, pp. 230-282.~~
1901. Decapodi e Stomatopodi. Viaggio del Dr. Enrico Festa nella Repubblica dell'Ecuador e regioni vicine. Boll. Mus. Zool. Anat. comp. Torino, vol. 16, n. 415, pp. 1-58.
- 1901a. Decapodi e Stomatopodi Eritrei del Museo Zoologico dell'Università di Napoli. Annu. Mus. zool. Univ. Napoli, vol. 1, pt. 3, pp. 1-20.
- 1901b. Decapodi raccolti dal Dr. Filippo Silvestri nell'America meridionale. Boll. Mus. Zool. Anat. comp. Torino, vol. 16, n. 402, pp. 1-16.
1905. Diagnoses préliminaires de 34 espèces et variétés nouvelles, et de 2 genres nouveaux de Décapodes de la Mer Rouge. Bull. Mus. Hist. Nat. Paris, vol. 11, pp. 393-411.
- 1905a. Identità di "Brachycarpus neapolitanus" Cano e "Palaemon biunguiculatus" Lucas. Res. Italicæ. XVII. Boll. Mus. Zool. Anat. comp. Torino, vol. 20, n. 502, pp. 1-4.
1906. Faune carcinologique de la Mer Rouge. Décapodes et Stomatopodes. Ann. Sci. nat. Zool., ser. 9 vol. 4, pp. 1-347, text figs. 1-12, pls. 1-11.
1907. Nuove osservazioni sulla identità di Brachycarpus neapolitanus Cano e Palaemon biunguiculatus Lucas. Annu. Mus. zool. Univ. Napoli, n. ser. vol. 2 pt. 21, pp. 1-6, pl. 11.

NOUVEL, L.

1932. Les caractères sexuels secondaires de l'abdomen des Crustacés Nantantia. Bull. Mus. Hist. nat. Paris, ser. 2, vol. 4, pp. 407-410.

NUTTING, C. C.

1895. Narrative and preliminary Report of Bahama Expedition. Bull. Lab. nat. Hist. State Univ. Iowa, vol. 3, pp. i-vi, 1-251, pls.

OLIVIER, A. G.

1791. Ecrevisse. Astacus. In: Olivier, A. G., Encyclopédie méthodique. Histoire naturelle. Insectes, vol. 6, pp. 327-349.
1811. Palémon. Palaemon. In: Olivier, A. G., Encyclopédie méthodique. Histoire naturelle. Insectes, vol. 8, pp. 652-667.

ORTMANN, A.

1890. Die Unterordnung Natantia Boas. Die Decapoden-Krebse des Strassburger Museums, mit besonderer Berücksichtigung der von Herrn Dr. Döderlein bei Japan und bei den Liu-Kiu-Inseln gesammelten und z. Z. im Strassburger Museum aufbewahrten Formen. I. Theil. Zool. Jb. Syst., vol. 5, pp. 437-542, pls. 36, 37.
1891. Versuch einer Revision der Gattungen Palaemon sens. strict. und Bithynis. Die Decapoden-Krebse des Strassburger Museums, mit besonderer Berücksichtigung der von Herrn Dr. Döderlein bei Japan und bei den Liu-Kiu-Inseln gesammelten und z. Z. im Strassburger Museum aufbewahrten Formen. II. Theil. Zool. Jb. Syst., vol. 5, pp. 693-750, pl. 47.
1893. Decapoden und Schizopoden der Plankton-Expedition. *Ergebn. Plankton-Exped.*, vol. 2Gb, pp. 1-120, pls. 1-10.
1897. Os Camaroes da Agua doce da America do Sul. *Rev. Mus. Paul.*, vol. 2, pp. 173-216, pl. 1.
1918. Higher Crustaceans (Malacostraca). In: Ward, H. B. & Whipple, G. C., *Fresh-water Biology*, pp. 828-850, figs. 1303-1318.

PARRA, A.

1787. Descripción de diferentes Piezas de Historia Natural, las mas del Ramo marítimo, representadas en setenta y cinco laminas, pp. 1-4, 1-195, pls. 1-73, and 2 unnumbered plates.

PAULMIER, F. C.

1905. Higher Crustacea of New York City. *Bull. New York State Mus.*, vol. 91, pp. 117-189, figs. 1-59.

PAULSON, O.

1875. Investigations on the Crustacea of the Red Sea with Notes on Crustacea of adjacent Seas. Part I. Podophthalmata and Edriophthalmata (Cumacea), pp. i-xiv, 1-144, pls. 1-21. (text in Russian)

PEARSE, A. S.

1910. A preliminary List of the Crustacea of Michigan. *Rep. Michigan Acad. Sci.*, vol. 12, pp. 68-76.
1911. Report on the Crustacea collected by the University of Michigan-Walker Expedition in the State of Vera Cruz, Mexico. *Rep. Michigan Acad. Sci.*, vol. 13, pp. 108-113, figs. 1-4.
1915. An Account of the Crustacea collected by the Walker Expedition to Santa Marta, Colombia. *Proc. U. S. Nat. Mus.*, vol. 49, pp. 531-556, text figs. 1-9, pls. 70-73.
1921. Crustacea from Lake Valencia, Venezuela. *Proc. U. S. Nat. Mus.*, vol. 59, pp. 459-462, figs. 1, 2.
1932. Inhabitants of certain Sponges at Dry Tortugas. *Pap. Tortugas Lab. Carnegie Inst.*, vol. 28, pp. 117-124, text fig. 1, pls. 1, 2.
1936. Estuarine Animals at Beaufort, North Carolina. *Journ. Elisha Mitchell sci. Soc.*, vol. 52, pp. 174-222, pls. 15, 16.
1947. On the Occurrence of Ectoconsortes on marine Animals at Beaufort, N. C. *Journ. Parasit.*, vol. 33, pp. 453-458.

PEARSON, J.

1905. Report on the Macrura collected by Professor Herdman, at Ceylon, in 1902. In: Herdman, W. A., Report to the Government of Ceylon on the Pearl Oyster Fisheries of the Gulf of Manaar, vol. 4, pp. 65-92, pls. 1, 2.

PERRIER, E.

1886. Les explorations sous-marines, pp. i-iv, 1-352, figs. 1-243.

PESTA, O.

1931. Crustacea Decapoda aus Costa-Rica. Ergebnisse der Osterreichischen Biologischen Costa-Rica-Expedition 1930. I. Teil. Ann. naturh. Mus. Wien, vol. 45, pp. 173-181, text fig. 1, pls. 5, 6.
1933. Zoogeographische Berichte über Crustaceen. Zool. Anz., vol. 104, pp. 274-282, figs. 1-6.

PETAGNA, V.

1792. Institutiones Entomologicae, pp. i-xii, 1-718, pls. 1-10.

PHILIPPI, R. A.

1860. Bithynis, ein neues Genus der langschwänzigen Krebse. Arch. Naturgesch., vol. 26 pt. 1, pp. 161-164.
1894. Dos Palabras sobre la sinonimia de los Crustáceos, Decápodos, Braquiuros o Jaivas de Chile. An. Univ. Chile, vol. 87, pp. 369-379.

PIKE, F. H.

1906. The degenerate Eyes in the Cuban Cave Shrimp, *Palaemonetes eigenmanni* Hay. Biol. Bull., vol. 11, pp. 267-276, figs. 1-7.

POCOCK, R. I.

1889. Contribution to our Knowledge of the Crustacea of Dominica. Ann. Mag. Nat. Hist., ser. 6 vol. 3, pp. 6-22, pl. 2.
1893. Contribution to our Knowledge of the Arthropod Fauna of the West Indies.- Pt. 1. Scorpiones and Pedipalpi; with a Supplementary Note upon the Freshwater Decapoda of St. Vincent. Journ. Linn. Soc. Lond. Zool., vol. 24, pp. 374-409.

POEPPIG, E.

1835. Reise in Chila, Peru und auf dem Amazonenstromen während der Jahre 1827-1832, vol. 1, pp. i-xviii, 1-466. (vol. 2, pp. i-viii, 1-464, 1 map, was published in 1836)
1836. Crustacea chilensia nova aut minus nota. Arch. Naturgesch., vol. 2 pt. 1, 133-144, pl. 4.

PRENTISS, C. W.

1901. The Otocyst of Decapod Crustacea: its Structure, Development, and Functions. Bull. Mus. Comp. Zoöl. Harvard, vol. 36, pp. 167-251, pls. 1-10.

RAMADAN, M. M.

1936. Report on a Collection of Stomatopoda and Decapoda from Ghardaqa, Red Sea. Bull. Fac. Sci. Egypt. Univ., vol. 6, pp. 1-43, pls. 1, 2.

RANDALL, J. W.

1839. Catalogue of the Crustacea brought by Thomas Nuttall and J. K. Townsend, from the West Coast of North America and the Sandwich Islands, with Descriptions of such Species as are apparently new, among which are included several species of different localities, previously existing in the collection of the Academy. Journ. Acad. Nat. Sci. Phila., vol. 8, pp. 106-147, pls. 3-7.

RANKIN, W. M.

1898. The Northrop collection of Crustacea from the Bahamas. *Ann. New York Acad. Sci.*, vol. 11, pp. 225-254, pls. 29, 30.
1900. The Crustacea of the Bermuda Islands. With Notes on the Collections Made by the New York University Expeditions in 1897 and 1898. *Ann. New York Acad. Sci.*, vol. 12, pp. 521-548.

RATHBUN, M. J.

1897. List of the Decapod Crustacea of Jamaica. *Ann. Jamaica Inst.*, vol. 1, pp. 1-46.
1899. Notes on the Crustacea of the Tres Marias Islands. *North American Fauna*, vol. 14, pp. 73-75.
1900. The Decapod Crustaceans of West Africa. *Proc. U. S. Nat. Mus.*, vol. 22, pp. 271-316.
- 1900a. The Decapod and Stomatopod Crustacea. Results of the Branner-Agassiz Expedition to Brazil. I. *Proc. Wash. Acad. Sci.*, vol. 2, pp. 133-156, pl. 8.
1902. Brachyura and Macrura. Papers from the Hopkins Stanford Galapagos Expedition, 1898-1899. VIII. *Proc. Wash. Acad. Sci.*, vol. 4, pp. 275-291, text figs. 1-4, pl. 12.
- 1902a. The Brachyura and Macrura of Porto Rico. *Bull. U. S. Fish Comm.*, vol. 20 pt. 2, pp. 1-127, text figs. 1-24, pls. 1, 2.
- 1902b. Descriptions of new Decapod Crustaceans from the West Coast of North America. *Proc. U. S. Nat. Mus.*, vol. 24, pp. 885-905.
1904. Decapod Crustaceans of the Northwest Coast of North America. *Harriman Alaska Exped.*, vol. 10, pp. 1-190, text figs. 1-95, pls. 1-10.
1905. List of the Crustacea. *Fauna of New England*. 5. *Occ. Pap. Boston Soc. Nat. Hist.*, vol. 7, pp. 1-117.
1906. The Brachyura and Macrura of the Hawaiian Islands. *Bull. U. S. Fish Comm.*, vol. 23, pp. 827-930, text figs. 1-79, pls. 1-24.
1910. The Stalk-eyed Crustacea of Peru and the adjacent coast. *Proc. U. S. Nat. Mus.*, vol. 38, pp. 531-620, text figs. 1-3, pls. 36-56.
1912. Some Cuban Crustacea. With notes on the Astacidae, By Walter Faxon, and a list of Isopoda, by Harriet Richardson. *Bull. Mus. Comp. Zoöl. Harvard*, vol. 54, pp. 449-460, pls. 1-5.
- 1912a. New Decapod Crustaceans from Panama. *Smithson. Misc. Coll.*, vol. 59 pt. 13, pp. 1-3.
1919. Stalk-eyed Crustaceans of the Dutch West Indies. In: Boeke, J. Rapport betreffende een voorloopig onderzoek naar den toestand van de Visscherij en de Industrie van Zeeproducten in de Kolonie Curaçao ingevolge het Ministerieel Besluit van 22 November 1904, vol. 2, pp. 317-348, figs. 1-5.
1929. Decapoda. *Canadian Atlantic Fauna*. 10. *Arthropoda*. 10 m, pp. 1-38, figs. 1-53.

RATHBUN, R.

1880. The littoral marine Fauna of Provincetown, Cape Cod, Massachusetts. *Proc. U. S. Nat. Mus.*, vol. 9, pp. 116-133.
1883. Notes on the Shrimp and Prawn Fisheries of the United States. *Bull. U. S. Fish Comm.*, vol. 2, pp. 139-152.
1884. Crustaceans, Worms, Radiates, and Sponges. *Natural History of useful aquatic Animals*. Part V.- In: Goode, G. B., *The Fisheries and Fishery Industries of the United States*, vol. 1, pp. 759-850, pls. 260-277.

REED, C. T.

1941. Marine Life in Texas Waters, pp. i-xii, 1-88, figs.

REEVES, W. P.

1942. A Study of the Biology of *Palaemonetes exilipes* with special Reference to biometric and ecological Factors. Journ. Alabama Acad. Sci., vol. 14, pp. 57, 58.

RICHARDS, H. G.

1931. Notes on the Marine Invertebrate Fauna of the Virginia Capes. Ecology, vol. 12, pp. 443-445.

1938. Animals of the Seashore, pp. 1-273, text figs. 1-45, pls. 1-28.

RICHARDSON, R. E.

1925. Illinois River Bottom Fauna in 1923. Bull. Nat. Hist. Surv. Illinois, vol. 15, pp. 391-422.

RITTER, W. E.

1913. The simple Ascidians from the Northeastern Pacific in the Collection of the United States National Museum. Proc. U. S. Nat. Mus., vol. 45, pp. 427-505, pls. 33-36.

ROUX, J.

1928. Note sur deux espèces sud-américaines de Crusacés Macroures d'eau douce. Rev. Suisse Zool., vol. 35, pp. 43-48.

SAUSSURE, H. DE

1857. Diagnoses de quelques Crustacés nouveaux de l'Amérique tropicale. Rev. Mag. Zool., ser. 2 vol. 9, pp. 501-505.

1858. Mémoire sur divers Crustacés nouveaux des Antilles et du Mexique. Mém. Soc. Hist. nat. Genève, vol. 14, pp. 417-496, pls. 1-6.

SAWAYA, M. P.

1946. Sobre alguns camarões d'agua doce do Brasil. Zoologia, Sao Paulo, vol. 11, pp. 393-408, pls. 1-3.

SAY, T.

1817-1818. An Account of the Crustacea of the United States. Journ. Acad. nat. Sci. Phila., vol. 1, 1817: pp. 57-80, 97-101, 155-169, pl. 4; 1818: pp. 235-253, 313-319, 374-401, 423, 441, 445-458.

SCHMITT, W. L.

1921. The marine Decapod Crustacea of California with special Reference to the Decapod Crustacea collected by the United States Bureau of Fisheries Steamer "Albatross" in Connection with the Biological Survey of San Francisco Bay during the Years 1912-1913. Univ. Calif. Publ. Zool., vol. 23, pp. 1-359, text figs. 1-165, pls. 1-50.

1924. Crustacea (Macrura and Anomura). Expedition of the California Academy of Sciences to the Gulf of California in 1921. Proc. Calif. Acad. Sci., ser. 4, vol. 13, pp. 381-388.

1924a. The Macruran, Anomuran and Stomatopod Crustacea. Bijdragen tot de Kennis der Fauna van Curaçao. Resultaten eener reis van Dr. C. J. van der Horst in 1920. Bijdr. Dierk., vol. 23, pp. 61-81, text figs. 1-7, pl. 8.

1924b. The Macrura and Anomura collected by the Williams Galapagos Expedition, 1923. Zoologica, New York, vol. 5, pp. 161-171, figs. 39-41.

1924c. Report on the Macrura, Anomura and Stomatopoda collected by the Barbados-Antigua Expedition from the University of Iowa in 1918. Univ. Iowa Stud. nat. Hist., vol. 10, pt. 4, pp. 65-99, pls. 1-5.

1930. Some Observations on the Crustacea of Tortugas, Florida. Yearb. Carnegie Inst., vol. 29, pp. 343-346, figs. 1-10.
1932. Description of a pontonid shrimp from *Spongia officinalis* L. In: Pearse, A. S. Inhabitants of certain Sponges at Dry Tortugas. Pap. Tortugas Lab. Carnegie Inst., vol. 28, pp. 123, 124, fig. 1.
1933. Notes on shrimps of the genus *Macrobrachium* found in the United States. Journ. Wash. Acad. Sci., vol. 23, pp. 312-317.
- 1933a. Four new Species of Decapod Crustaceans from Porto Rico. Amer. Mus. Novit., n. 662, pp. 1-9, figs. 1-4.
1935. Crustacea Macrura and Anomura of Porto Rico and the Virgin Islands. Sci. Survey Porto Rico Virgin Isl., vol. 15, pp. 125-227, figs. 1-30.
1936. Macruran and Anomuran Crustacea from Bonaire, Curaçao and Aruba. Zoologische Ergebnisse einer Reise nach Bonaire, Curaçao und Aruba im Jahre 1930. No. 16. Zool. Jb. Syst., vol. 67, pp. 363-378, pls. 11-13.
1939. Decapod and other Crustacea collected on the presidential Cruise of 1938 (With Introduction and Station Data). Smithson. Misc. Coll., vol. 98, pt. 6, pp. 1-29, text figs. 1, 2, pls. 1-3.
1946. A Collection of Shrimps from Santa Cruz Island, California. Ecol. Monogr., vol. 16, pp. 208-210.
- SEBA, A.**
1761. Locupletissimi Rerum Naturalium Thesauri accurata Descriptio et Iconibus artificiosissimis expressio per universam Physices Historiam, vol. 3, pp. 1-212, pls. 1-116.
- SEMPER, C.**
1868. Some remarks on the New Genus *Macrobrachium* of Mr. Spence Bate. Proc. Zool. Soc. Lond., 1868, pp. 585-587.
- SENDLER, A.**
1912. Zehnfusskrebse aus dem Wiesbadener Naturhistorischen Museum. Jb. Nassau. Ver. Naturk., vol. 65, pp. 189-207, figs. 1-7.
- SHARP, B.**
1893. Catalogue of the Crustaceans in the Museum of the Academy of Natural Sciences of Philadelphia. Proc. Acad. Nat. Sci. Phila., 1893, pp. 104-127.
- SHELFORD, V. E.**
1913. Animal communities in temperate America as illustrated in the Chicago region. A study in animal ecology. Bull. geogr. Soc. Chicago, vol. 5, pp. i-xiii, 1-362, figs. 1-306, tabs. 1-68.
- SIVERTSEN, E.**
1934. Littoral Crustacea Decapoda from the Galapagos Islands. The Norwegian Zoological Expedition to the Galapagos Islands 1925, conducted by Alf Wollebaek. VII. Nyt Mag. Naturvidensk., vol. 74, pp. 1-23, text fig. 1, pls. 1-4.
- SLOANE, H.**
1725. A Voyage to the Islands Madera, Barbadoes, Nieves, St. Christophers, and Jamaica; with the Natural History of the Herbs and Trees, Four-footed Beasts, Fishes, Birds, Insects, Reptiles, &c. of the last of those Islands. To which is prefix'd, an Introduction, wherein is an Account of the Inhabitants, Air, Water, Diseases, Trade, &c. of that Place; with some Relations concerning the Neighbouring Continent, and Islands of America, vol. 2, pp. i-xviii, 1-499, pls. v-xi, 157-274.

SMITH, S. I.

1869. Notice of the Crustacea collected by Prof. C. F. Hartt on the coast of Brazil, in 1867. Trans. Conn. Acad. Arts Sci., vol. 2, pp. 1-41, pl. 1.
- 1869a. Vid. Verrill, A. S., 1869.
1871. List of the Crustacea collected by J. A. McNeil in Central America. Rep. Peabody Acad. Sci., 1869, pp. 87-98.
1873. Vid. Verrill, A. E., Smith, S. I. & Harger, O., 1873.
1874. The Crustacea of the fresh waters of the United States. Rep. U. S. Fish Comm., vol. 2, pp. 637-665, pls. 1-3.
1879. The stalk-eyed Crustaceans of the Atlantic Coast of North America north of Cape Cod. Trans. Conn. Acad. Arts Sci., vol. 5, pp. 27-138, pls. 8-12.
1882. Report on the Crustacea. Part I. Decapoda. Reports on the Results of Dredging, under the Supervision of Alexander Agassiz, on the East Coast of the United States, during the Summer of 1880, by the U. S. Coast Survey Steamer "Blake," Commander J. R. Bartlett, U. S. N., Commanding. Bull. Mus. Comp. Zool. Harvard, vol. 10, pp. 1-108, pls. 1-15.

SOLLAUD, E.

1911. *Pseudopalaemon Bouvieri*, nouveau genre, nouvelle espèce, de la famille des Palaemonidae. Bull. Mus. Hist. nat. Paris, vol. 17, pp. 12-16, figs. 1, 2.
- 1911a. Sur un nouveau Pseudopalaemon, habitant les eaux douces de l'Amérique du Sud: *Pseudopalaemon Iheringi*, nov. sp. Bull. Mus. Hist. nat. Paris, vol. 17, pp. 285-290, fig. 1.
1923. Le développement larvaire des "Palaemoninae." Bull. Biol. France Belg., vol. 57, pp. 509-603, text figs. 1-25, pls. 16-18.

SPANDL, H.

1926. Die Tierwelt der unterirdischen Gewässer. In: Kyrle, G., Speläologische Monographien, vol. 11, pp. i-xi, 1-235, figs. 1-116.

STAFFORD, J.

1912. On the Fauna of the Atlantic Coast of Canada. Third Report.- Gaspe, 1905-1906. Contr. Canad. Biol., 1906-1910, pp. 45-67.

STEBBING, T. R. R.

1914. Stalk-eyed Crustacea Malacostraca of the Scottish National Antarctic Expedition. Trans. Roy. Soc. Edinb., vol. 50 pt. 2, pp. 253-307, pls. 23-32.

STEINBECK, J. AND RICKETS, E. F.

1941. Sea of Cortez. A leisurely Journal of Travel and Research. With a scientific Appendix comprising Materials for a Source Book on the marine Animals of the Panamic faunal Province, pp. i-x, 1-598, pls. 1-40, 2 maps.

STILES, C. W. AND HASSALL, A.

1927. Key-Catalogue of the Crustacea and Arachnoids of Importance in Public Health. Hygienic Lab. Bull., n. 148, pp. 197-289.

STIMPSON, W.

1857. On the Crustacea and Echinodermata of the Pacific Shores of North America. Boston Journ. Nat. Hist., vol. 6, pp. 444-532, pls. 18-23.
1860. Prodromus descriptionis animalium evertibratorum, quae in Expeditione ad Oceanum Pacificum Septentrionalem, a Republica Federata missa, C. Ringgold et J. Rodgers Ducibus, observavit et descripsit. Proc. Acad. Nat. Sci. Phila., 1860, pp. 22-48.

- 1860a. A trip to Beaufort N. Carolina. Amer. Journ. Sci., ser. 2 vol. 29, pp. 442-445.
1871. Notes on North American Crustacea in the Museum of the Smithsonian Institution. No. III. Ann. Lyc. nat. Hist. New York, vol. 10, pp. 92-136.
- STREETS, T. H.
1871. Descriptions of five new Species of Crustacea from Mexico. Proc. Acad. Nat. Sci. Phila., 1871, pp. 225-227, pl. 2.
1872. Notice of some Crustacea from the Island of St. Martin, W. I., collected by Dr. Van Rijgersma. Proc. Acad. Nat. Sci. Phila., 1872, pp. 131-134.
- SUMNER, F. B., OSBURN, R. C., AND COLE, ~~H.~~ ^{L.} J.
1913. Physical and Zoological. A Biological Survey of the Waters of Woods Hole and Vicinity. Section I. Bull. U. S. Bur. Fish., vol. 31, pp. 11-442, charts 1-227.
- 1913a. A Catalogue of the Marine Fauna. A Biological Survey of the Waters Woods Hole and Vicinity. Section III. Bull. U. S. Bur. Fish., vol. 31, pp. 549-794.
- SUNIER, A. L. J.
1925. Twee Mededeelingen over Palaemoniden. Tijdschr. Nederl. dierk. Ver., ser. 2 vol. 19, p. cxv.
- TATTERSALL, W. M.
1921. Report on the Stomatopoda and Macrurous Decapoda collected by Mr. Cyril Crossland in the Sudanese Red Sea. Journ. Linn. Soc. Lond. Zool., vol. 34, pp. 345-398, pls. 27-28.
- TESCH, J. J.
- 1914-1917. Crustacea. In: Benjamins, H. D. & Snelleman, J. F., Encyclopaedie van Nederlandsch West-Indie, pp. 246-250.
- THALLWITZ, J.
1892. Decapoden-Studien, insbesondere basirt auf A. B. Meyer's Sammlungen im Ostindischen Archipel, nebst einer Aufzählung der Decapoden und Stomatopoden des Dresdener Museums. Abh. zool.-anthrop. Mus. Dresden, 1890-91 pt. 3, pp. 1-55, pl. 1.
- THOMPSON, D' A. W.
1901. A Catalogue of Crustacea and of Pycnogonida contained in the Museum of University College, Dundee, pp. 1-56.
- THOMPSON, M. T.
1899. The Breeding of Animals at Woods Hole during the month of September, 1898. Science, New York, n. ser. vol. 9, pp. 581-583.
- THOMSON, G. M.
1903. On the New Zealand Phyllobranchiate Crustacea-Macrura. Trans. Linn. Soc. Lond. Zool., ser. 2 vol. 8, pp. 433-453, pls. 27-29.
- TILESIIUS, G. G. A.
1819. Ueber das nächtliche Leuchten des Meerwassers. Ann. Wetterau. Ges. Naturk., vol. 4, pp. 1-10, pls. 21a, b.
- TORRALBAS, F.
1917. Contribucion al estudio de los Crustaceos de Cuba. Notas del Dr. Juan Gundlach †1896 compiladas y completadas por el Dr. José I. Torralbas †1903. An. Acad. Ci. méd. fis. nat. Habana, vol. 53, pp. 543-624, figs. 1-73.

TOWNES, H. K.

1937. Studies on the Food Organisms of Fish. A biological Survey of the Lower Hudson Watershed. VI. Ann. Rep. Biol. Survey New York, vol. 11, pp. 217-230, figs. 1, 2.
1939. Ecological Studies on the Long Island marine Invertebrates of Importance as Fish Food or as Bait. Ann. Rep. New York Conserv. Dept., vol. 28 suppl., pp. 163-176, figs. 34-39.

TULIAN, E. A.

1916. Report of the Fisheries Department. Rep. Conserv. Comm. Louisiana, 1914-1916, pp. 87-128, 6 pls.

UHLER, P. R.

1878. List of Animals observed at Fort Wool, Va. Sci. Res. Chesapeake zool. Lab., 1878, pp. 17-34.

ULRICH, C. J.

1902. A Contribution to the subterranean Fauna of Texas. Trans. Amer. Microsc. Soc., vol. 23, pp. 83-101, pls. 14-18.

UNDERWOOD, L. M.

1887. List of the Described Species of Fresh Water Crustacea from America, North of Mexico. Bull. Illinois Lab. nat. Hist., vol. 2, pp. 323-386.

VALDES RAGUES, P.

1909. Clasificación "Gundlach" de Crustáceos cubanos. In: Valdés Ragués, P., Mis Trabajos Académicos, pp. 163-187.

~~VALDES RAGUES, P.~~

- ~~1910. Clasificación "Gundlach" de Crustaceos cubanos. In: Mis Trabajos Académicos, pp. 163-187.~~

VERRILL, A. E.

1869. On the parasitic Habits of Crustacea. Amer. Nat., vol. 3, pp. 239-250, figs. 41, 42.
1879. Preliminary Check-List of the Marine Invertebrata of the Atlantic Coast, from Cape Cod to the Gulf of St. Lawrence, pp. 1-32.
1900. Additions to the Crustacea and Pycnogonida of the Bermudas. Trans. Conn. Acad. Arts Sci., vol. 10, pp. 573-582, text figs. 2-4, pl. 20 figs. 9, 10.
1922. Decapod Crustacea of Bermuda. Part II - Macrura. Trans. Conn. Acad. Arts Sci., vol. 26, pp. 1-179, text figs. 1-12, pls. 1-48.

———, SMITH, S. I. AND HARGER, O.

1873. Catalogue of the Marine Invertebrate Animals of the southern Coast of New England, and adjacent waters. In: Verrill, A. E., Report upon the Invertebrate Animals of Vineyard Sound and the adjacent Waters, with an Account of the physical Characters of the Region. Rep. U. S. Fish Comm., vol. 1, pp. 537-747, pls. 1-38.

VERRILL, G. E.

1892. Notes on the Fauna of the Island of Dominica, British West Indies, with Lists of the Species obtained and observed by G. E. and A. H. Verrill. Trans. Conn. Acad. Arts Sci., vol. 8, pp. 324-355.

VOIGT, F. S.

1836. Die Anneliden, Crustaceen, Arachniden und die ungeflügelten Insekten. In: Cuvier, G., Das Thierreich, geordnet nach seiner Organisation. Als Grundlage der Naturgeschichte der Thiere und Einleitung in die vergleichende Anatomie, vol. 4, pp. i-xiv, 1-516.

WEITENWEBER, W. R.

1854. Aus James Dana's Conspectus of the Crustacea. Lotos, Praha, vol. 4, pp. 5-14, 35-38, 60-63, 107-115, 153-157, 251-254.

WHEELER, J. F. G. and Brown, F. A.

1936. The periodic swarming of *Anchistioides antiguensis* (Schmitt) (Crustacea Decapoda) at Bermuda. Journ. Linn. Soc. Lond. Zool., vol. 39, pp. 413-428, figs. 1, 2.

WHITE, A.

1847. List of the specimens of Crustacea in the collection of the British Museum, pp. i-viii, 1-143.

WIEGMANN, A. F. A.

1836. Beschreibung einiger neuen Crustaceen des Berliner Museums aus Mexico und Brasilien. Arch. Naturgesch., vol. 2 pt. 1, pp. 145-151.

WILLIAMSON, H. C.

1915. Crustacea Decapoda. Larven. Nord. Plankton, vol. 6, pp. 315-588, figs. A-F, 1-529.

WILSON, H. V.

1900. Marine Biology at Beaufort. Amer. Nat., vol. 34, pp. 339-360, figs. 1-5.

WOLF, B.

- 1934-1938. Animalium Cavernarum Catalogus. Catalog der Höhlen-Fauna. Catalogue of the fauna of the caves. Catalogue de la faune cavernicole, vol. 3, pp. 1-918.

WORTH, S. G.

1908. Fresh-Water Shrimp, a natural Fish Food. Bull. U. S. Bur. Fish., vol. 28, pp. 853-858.

YOUNG, C. G.

1900. The Stalk-eyed Crustacea of British Guiana, West Indies and Bermuda, pp. i-xiv, 1-514, text figs., pls. 1-7.

YU, S. C.

1936. Notes on new fresh-water Prawns of the genus *Palaemon* from Yunnan. Bull. Fan Mem. Inst. Biol., vol. 6, pp. 305-314, figs. 1-4.

EXPLANATION OF THE PLATES

(Plates 1-55)

The figures of pl. 12 (figs. a, b), pl. 18 (fig. b), pl. 33, pl. 43 (figs. c-e) and pl. 44 are the work of Mrs. Aime M. Awl, staff artist to the department of zoology of the United States National Museum, Washington, D.C., those of pls. 3, 4, 7-10, 13, 14, 16, 17, 19-23, 31, 34-41, 45 and 46 are executed by Mr. Anker Petersen, staff artist of the Allan Hancock Foundation. The other original drawings have been made in pencil by myself, Mrs. Awl and Mr. Petersen have been kind enough to ink these drawings, which strongly improved their quality. I wish to express here my sincere gratitude to both Mrs. Awl and Mr. Petersen for their excellent work.

PLATE 1

Brachycarpus biunguiculatus (Lucas)

a, carapace in lateral view; b, first pereopod; c, left second pereopod; d, right second pereopod; e, third pereopod; f, dactylus of third pereopod; g, antennula; h, antenna; i, mandible; j, maxillula; k, maxilla; l, first maxilliped; m, second maxilliped; n, third maxilliped; o, first pleopod of female; p, second pleopod of female; q, telson. a-e, x6; f, x16; g, h, x7; i-q, x15. a-q, after Schmitt, 1939.

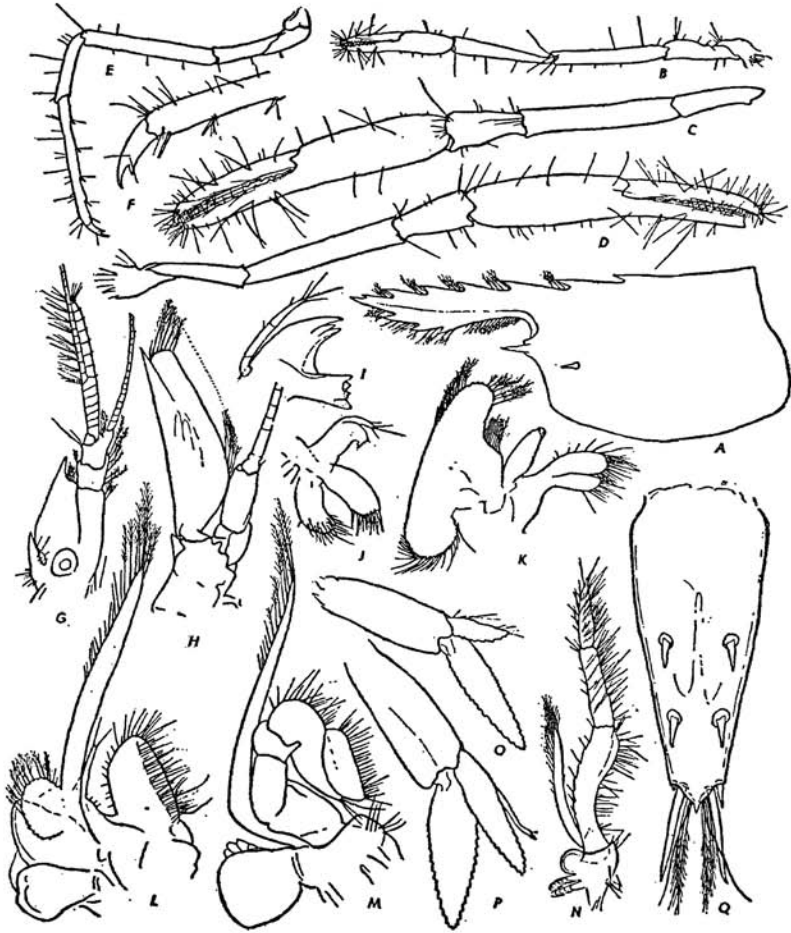


PLATE 2

Macrobrachium amazonicum (Heller)

a, anterior part of body in lateral view; b, tip of telson of adult specimen; c, tip of telson of juvenile; d, scaphocerite; e, first leg; f, second leg of adult male; g, second leg of female; h, third leg of adult male. a, x1.5; b, x10; c, x50; d-h, x2.

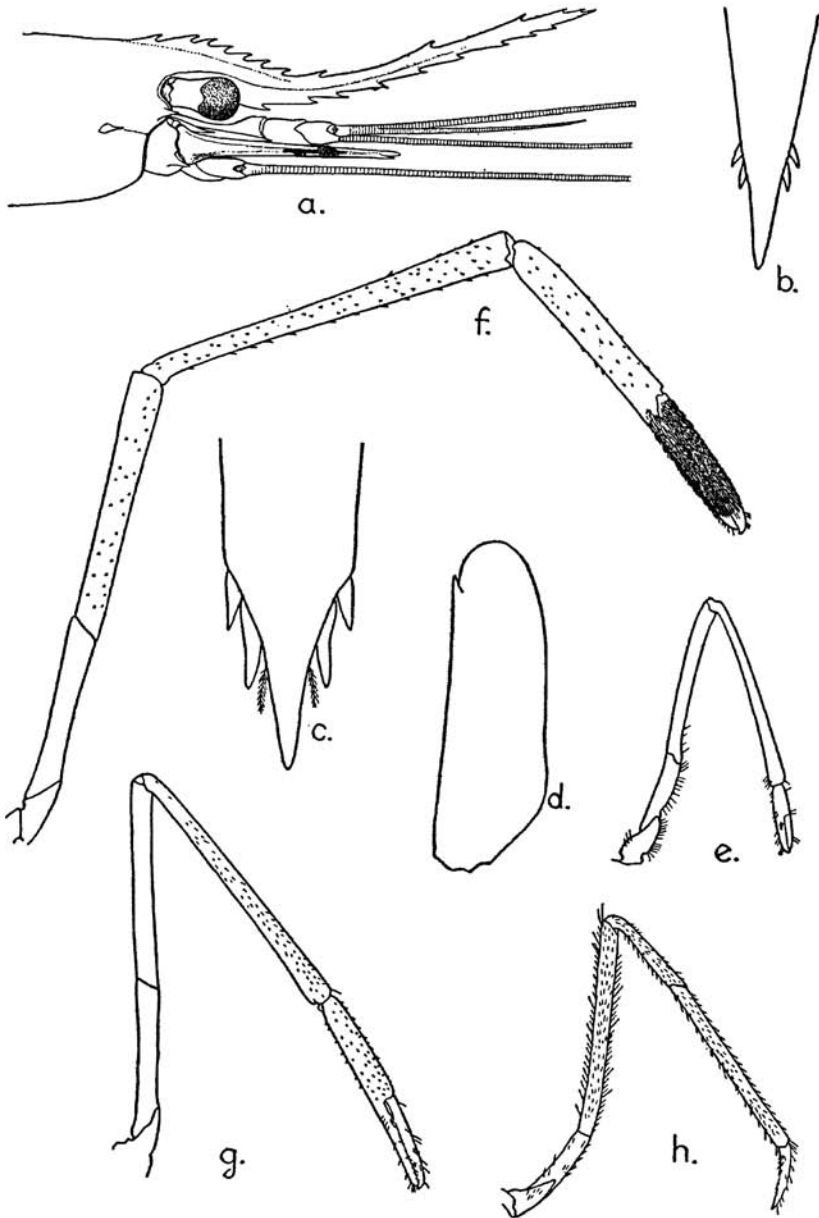
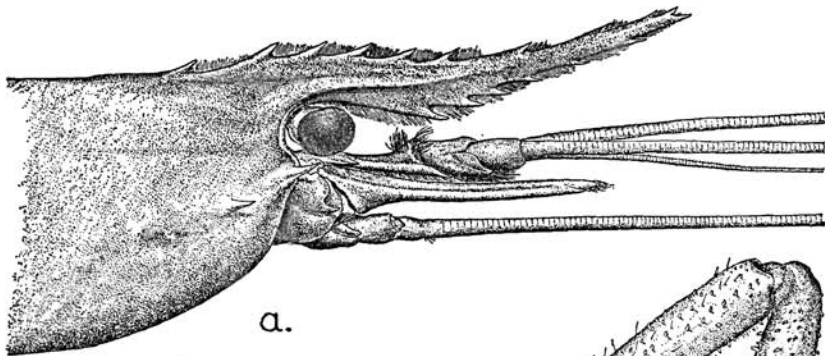


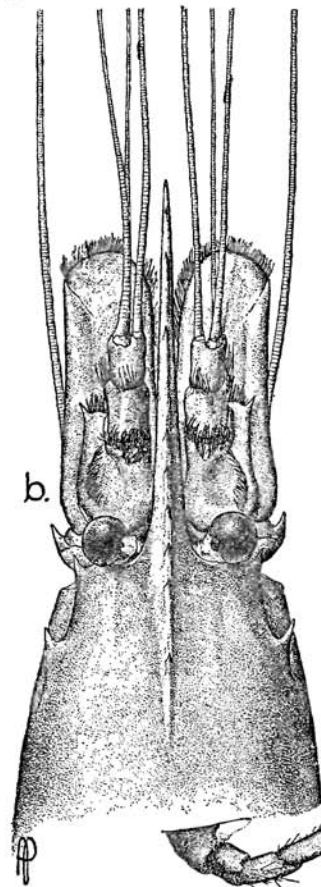
PLATE 3

Macrobrachium panamense Rathbun

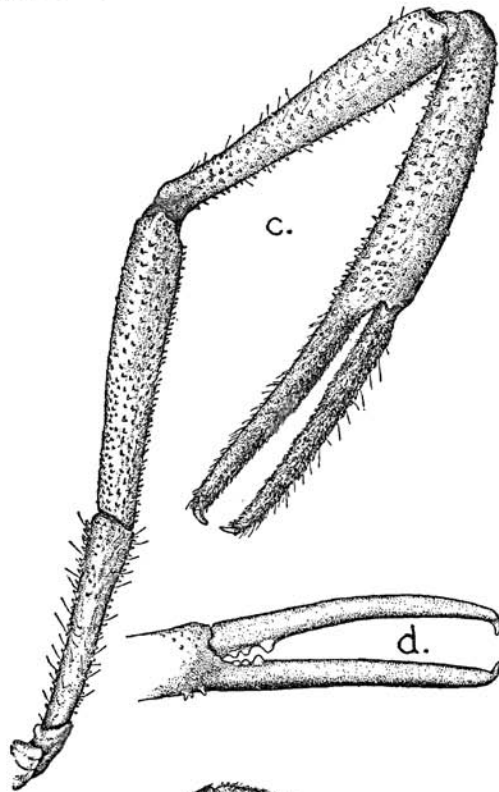
a, anterior part of body in lateral view; b, anterior part of body in dorsal view; c, second leg of adult male; d, fingers of second leg of adult male (hairs removed); e, third leg of adult male. a-d, x1.7, e, x3.4.



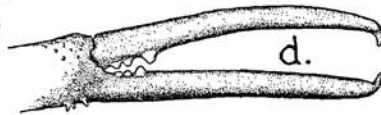
a.



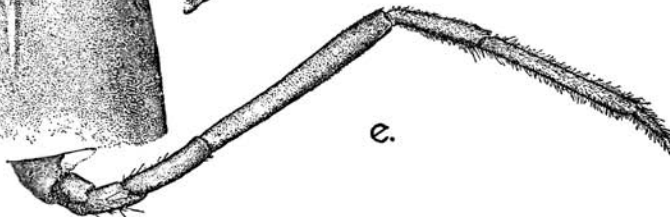
b.



c.



d.



e.

PLATE 4

Macrobromium ^{Jé/ks! (miers)} ~~*borellii* (Nobili)~~

a, anterior part of body in lateral view; b, scaphocerite; c, second leg of adult male; d, third leg of adult male.

Macrobromium borellii (Nobili)

e, anterior part of body in lateral view; f, scaphocerite; g, second leg of adult male; h, third leg of adult male.

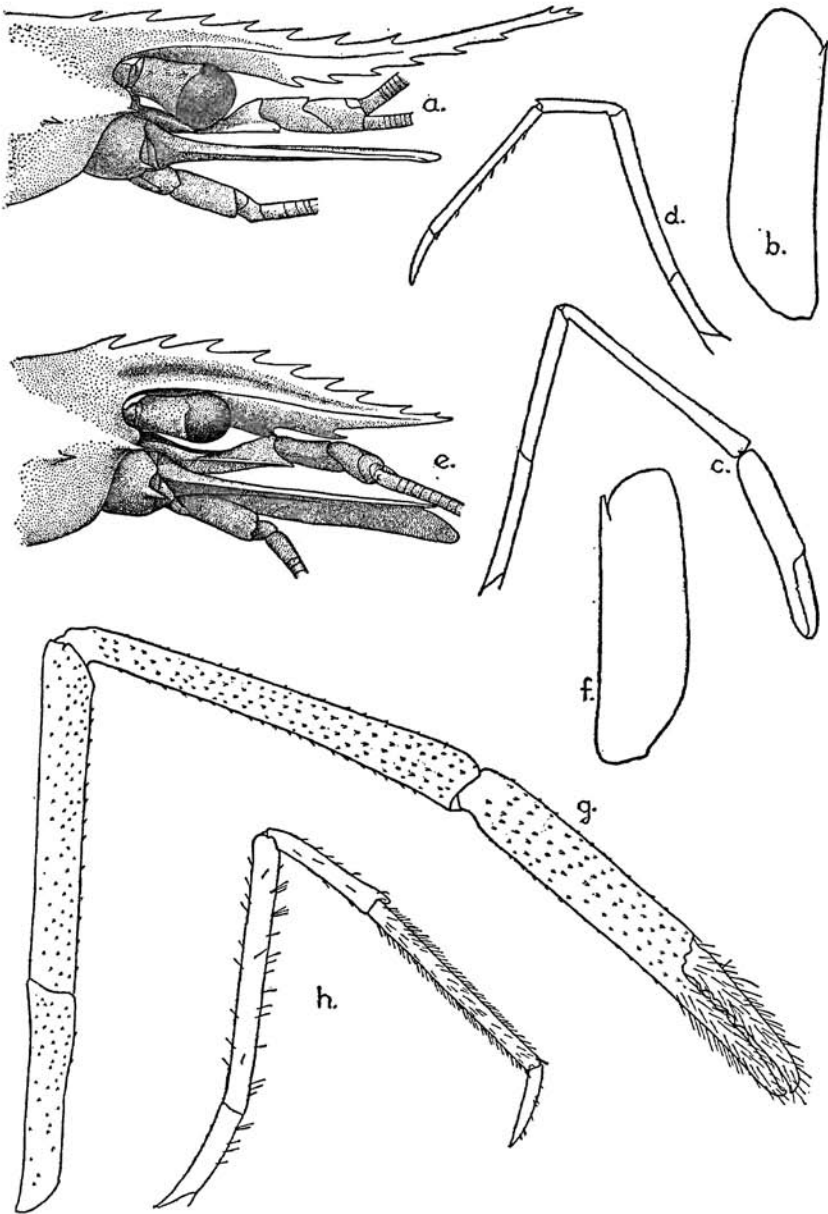


PLATE 5

Macrobrachium quelchi (De Man)

a, b, c, anterior part of carapace in lateral view (3 different specimens); d, second pereiopod of non-ovigerous female; e, right second pereiopod of large male; f, left second pereiopod of large male; g, cutting edge of fingers of second pereiopod of non-ovigerous female; h, fifth leg of large male. a-c, x3; d-f, x2; g, x25; h, x5. a-h, after ~~a-c, x13.~~ De Man, 1900.

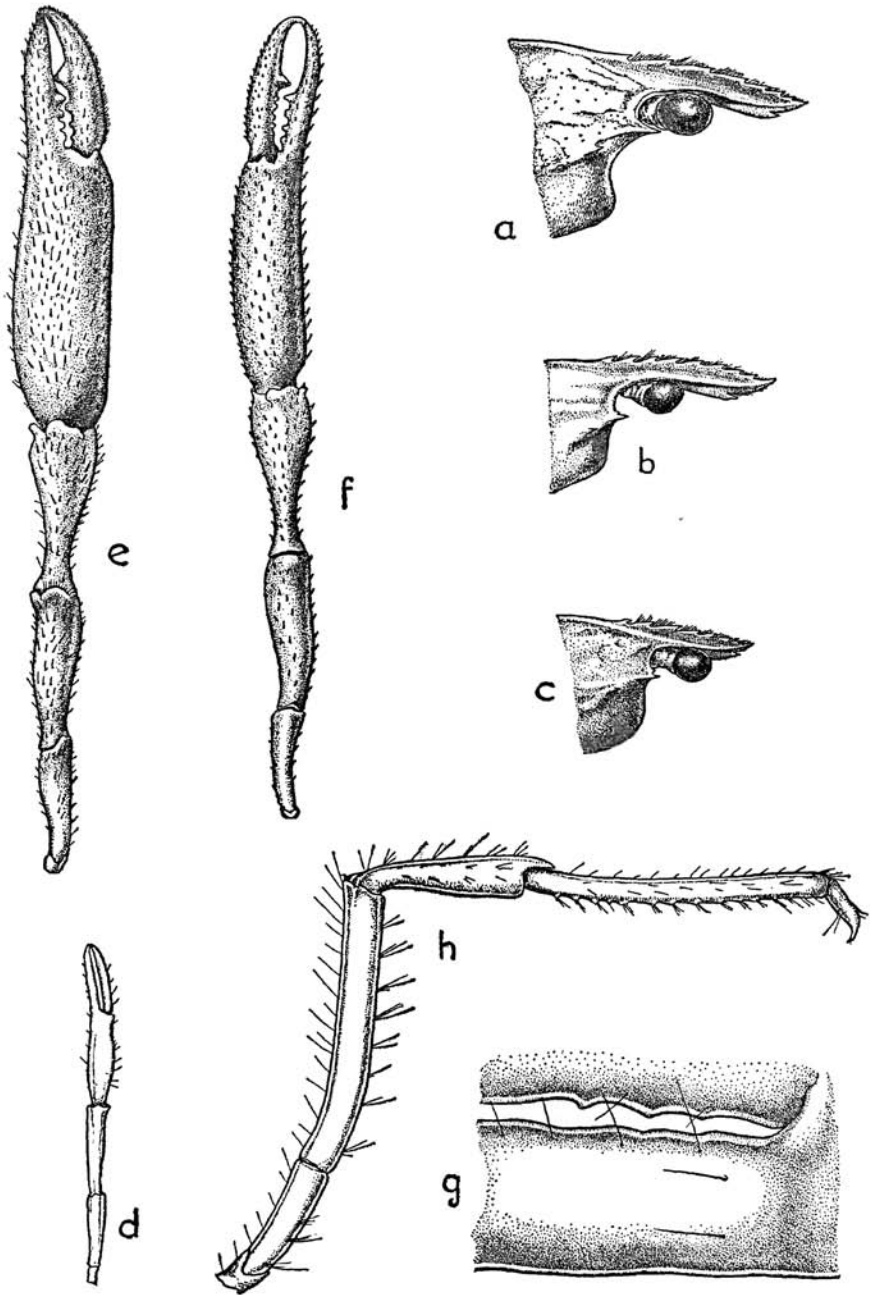


PLATE 6

Macrobrachium inca Holthuis

a, anterior part of body in lateral view; b, anterior part of body in dorsal view; c, smaller second pereopod of adult male; d, larger second pereopod of adult male; e, third pereopod of adult male. a-e, x1.8.

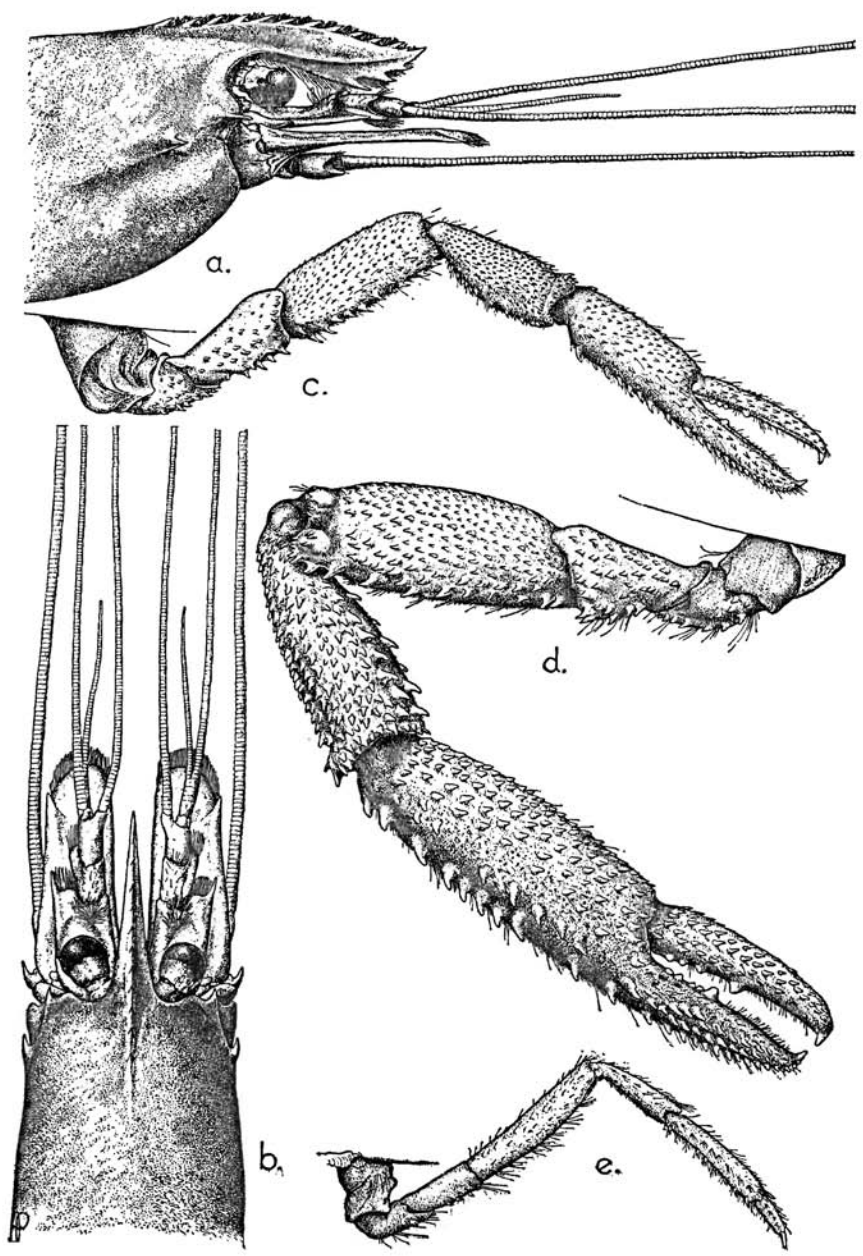


PLATE 7

Macrobrachium rathbunae Holthuis

a, anterior part of body in lateral view; b, anterior part of body in dorsal view. c, first pereopod; d, second pereopod of adult male; e, third pereopod; f, fifth pereopod. a-f, $\times 1.6$.

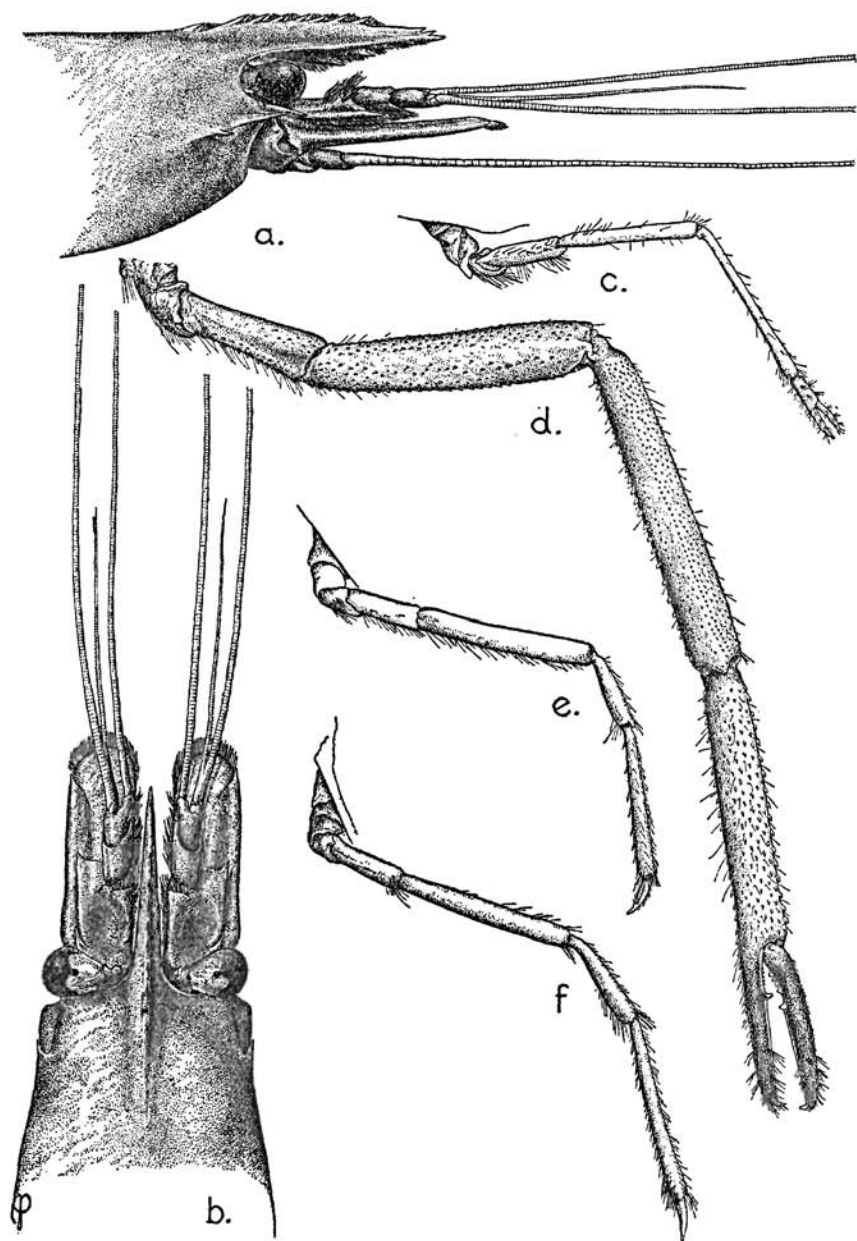


PLATE 8

Macrobrachium acanthurus (Wiegmann)

Animal in lateral view, (after Hedgpeth, 1947).

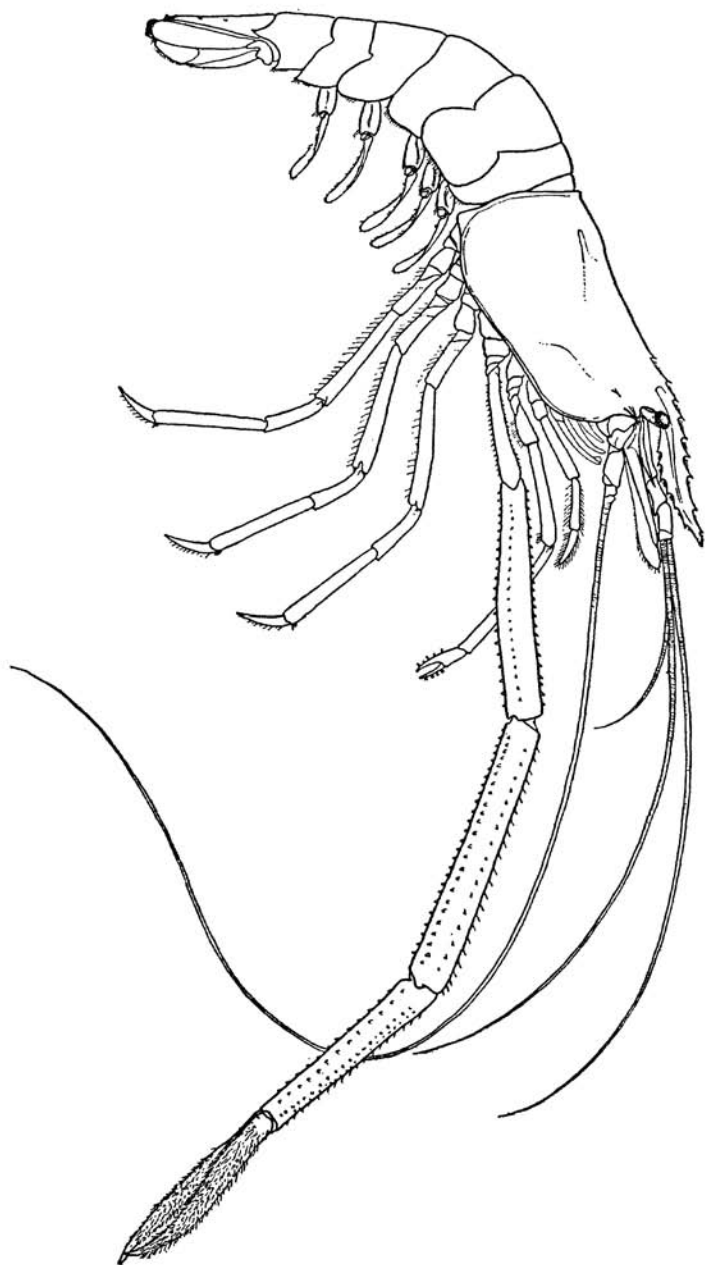


PLATE 9

Macrobrachium acanthurus (Wiegmann)

a, second leg of adult male; b, fingers of second leg of adult male (part of the hairs removed). a, b, x1.

Macrobrachium praecox (J. Roux)

c, anterior part of body in lateral view; d, scaphocerite; e, second leg; f, third leg. c-f, x7.

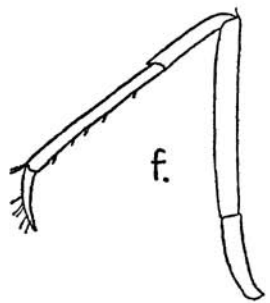
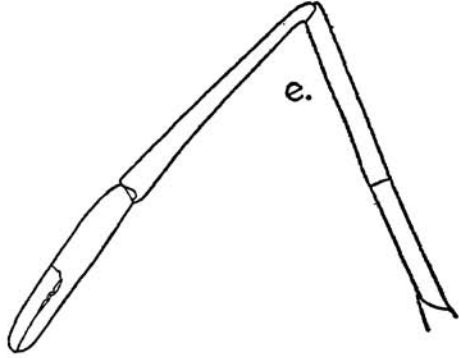
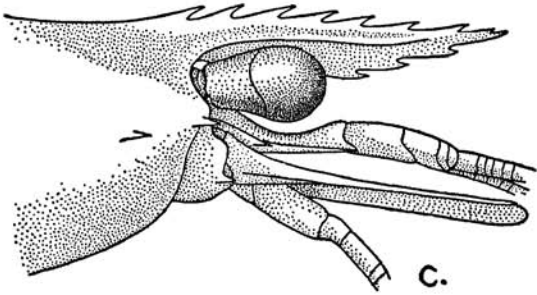
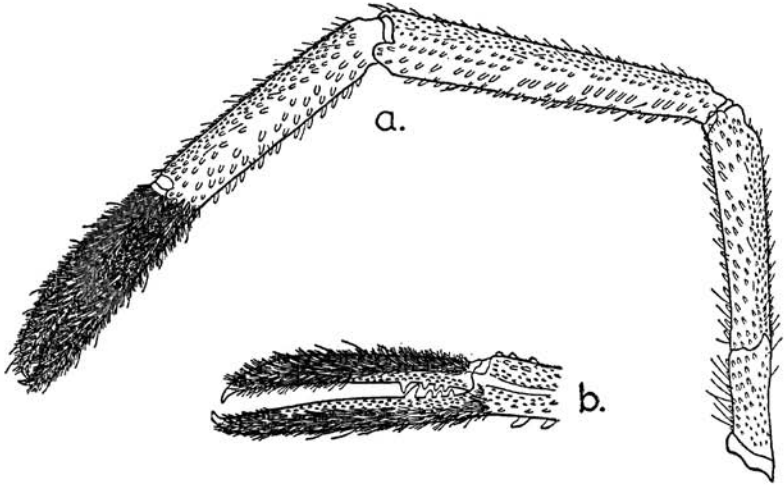


PLATE 10

Macrobrachium tenellum (Smith)

Adult male in lateral view. x1.3.

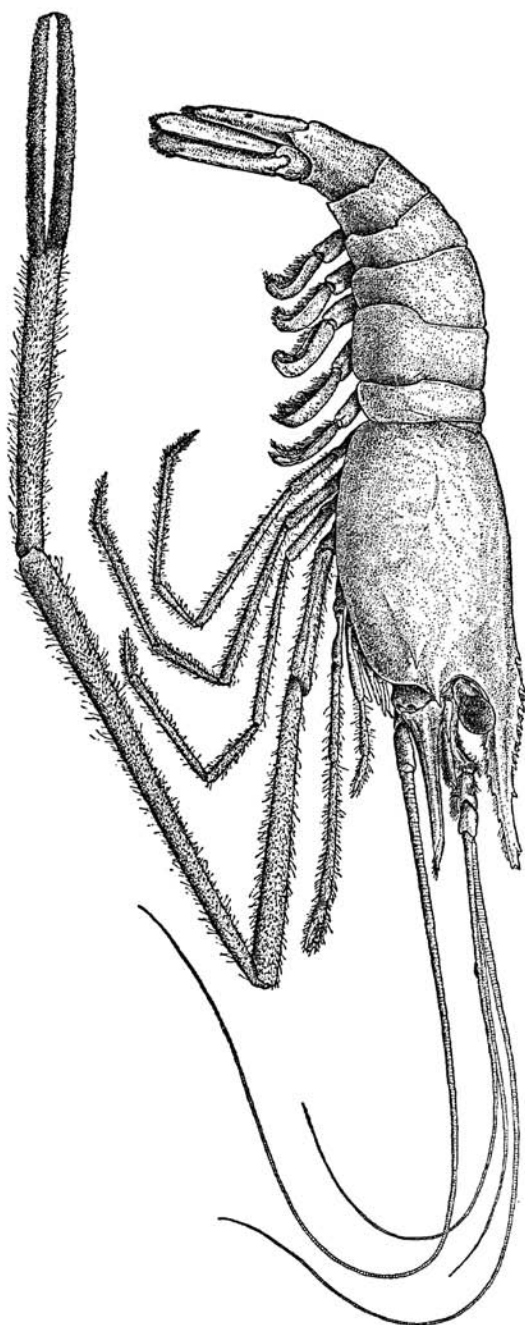
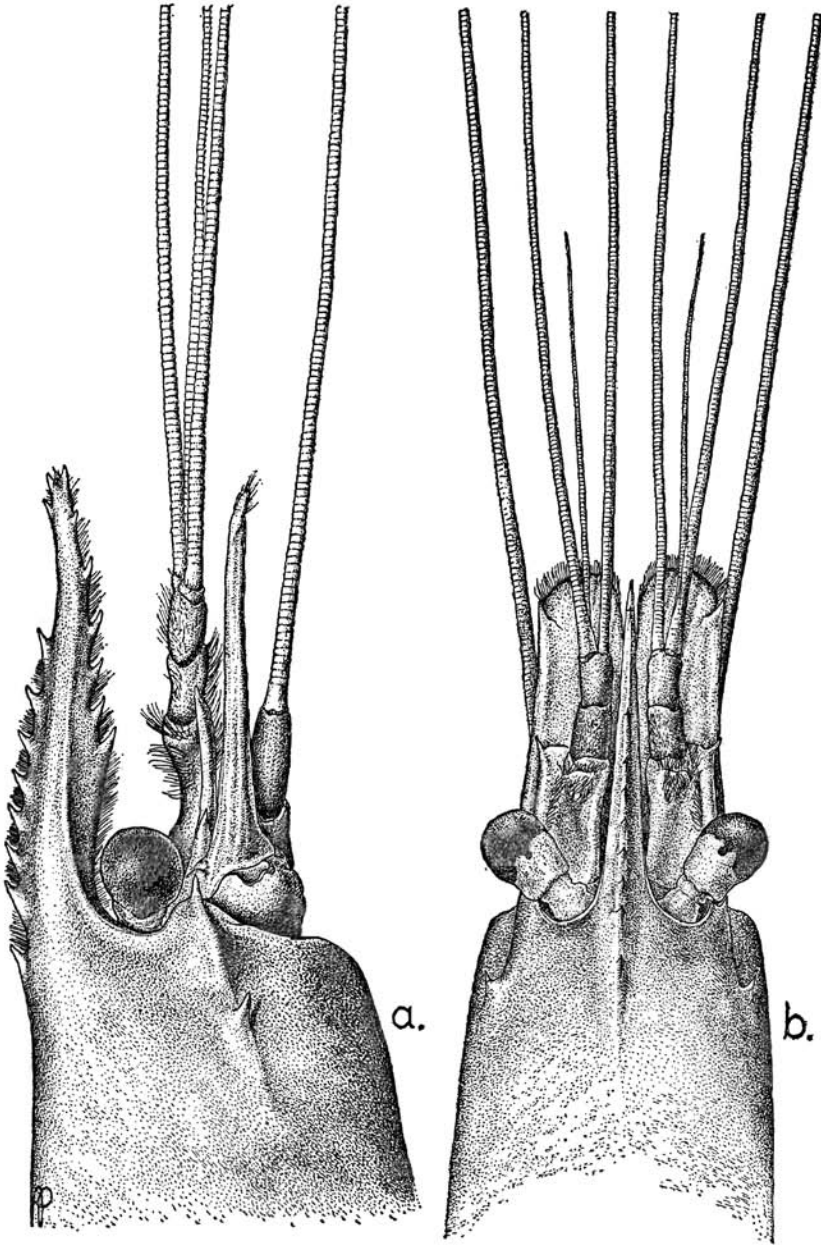


PLATE 11

Macrobrachium tenellum (Smith)

a, anterior part of body in lateral view; b, anterior part of body in dorsal view. a, b, x2.7.



a.

b.

PLATE 12

Macrobrachium surinamicum Holthuis

a, anterior part of body of male in lateral view; b, rostrum of ovigerous female in lateral view; c, tip of telson in dorsal view; d, scaphocerite; e, first pereiopod; f, second pereiopod of adult male; g, second pereiopod of female; h, third pereiopod. a, b, d, e, g, h, x5.5; c, x40; f, x3.

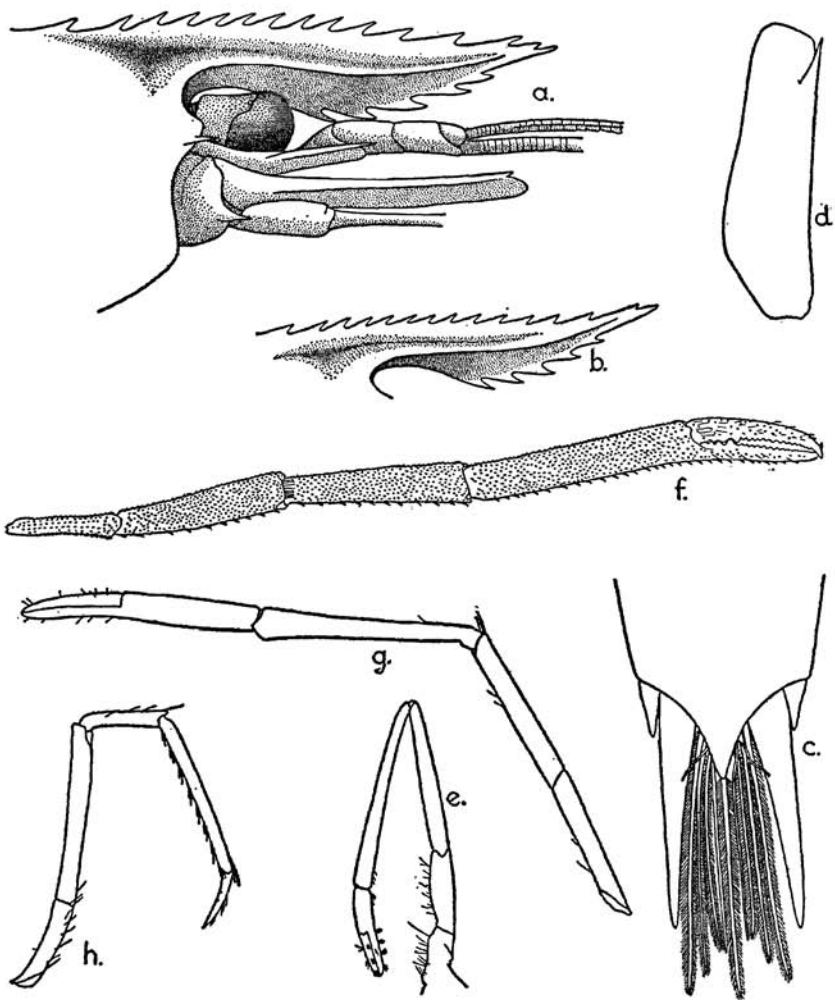
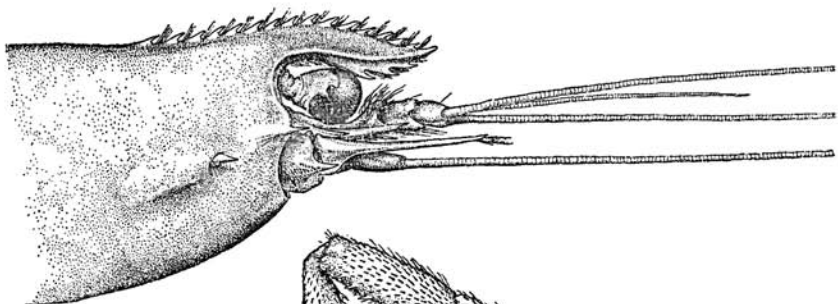


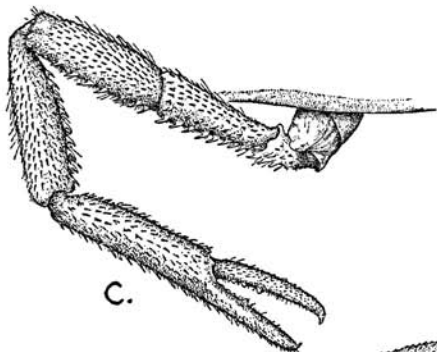
PLATE 13

Macrobrachium transandicum Holthuis

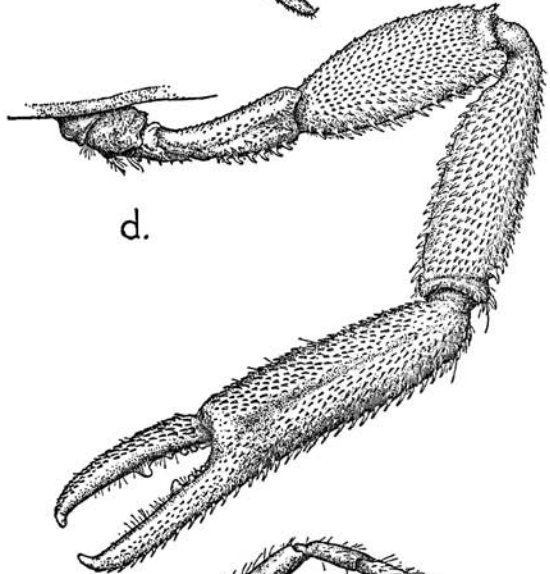
a, anterior part of body in lateral view; b, anterior part of body in dorsal view. a, b, x3.2; c, smaller second pereopod of male; d, larger second pereopod of male; e, third pereopod of male. c-e, x3.2.



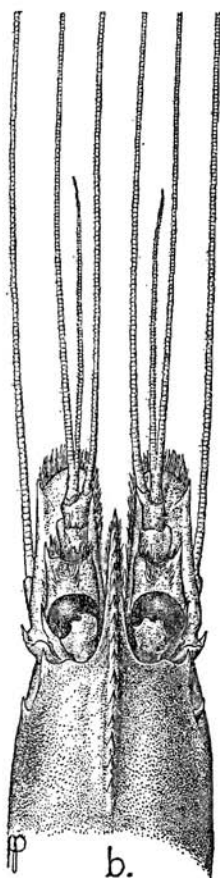
a.



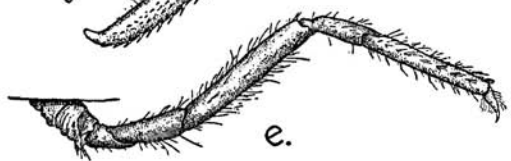
c.



d.



b.



e.

p

PLATE 14

Macrobrachium ohione (Smith)

a, animal in lateral view; b, second pereopod of adult male. a, after Hedgpeth, 1947.

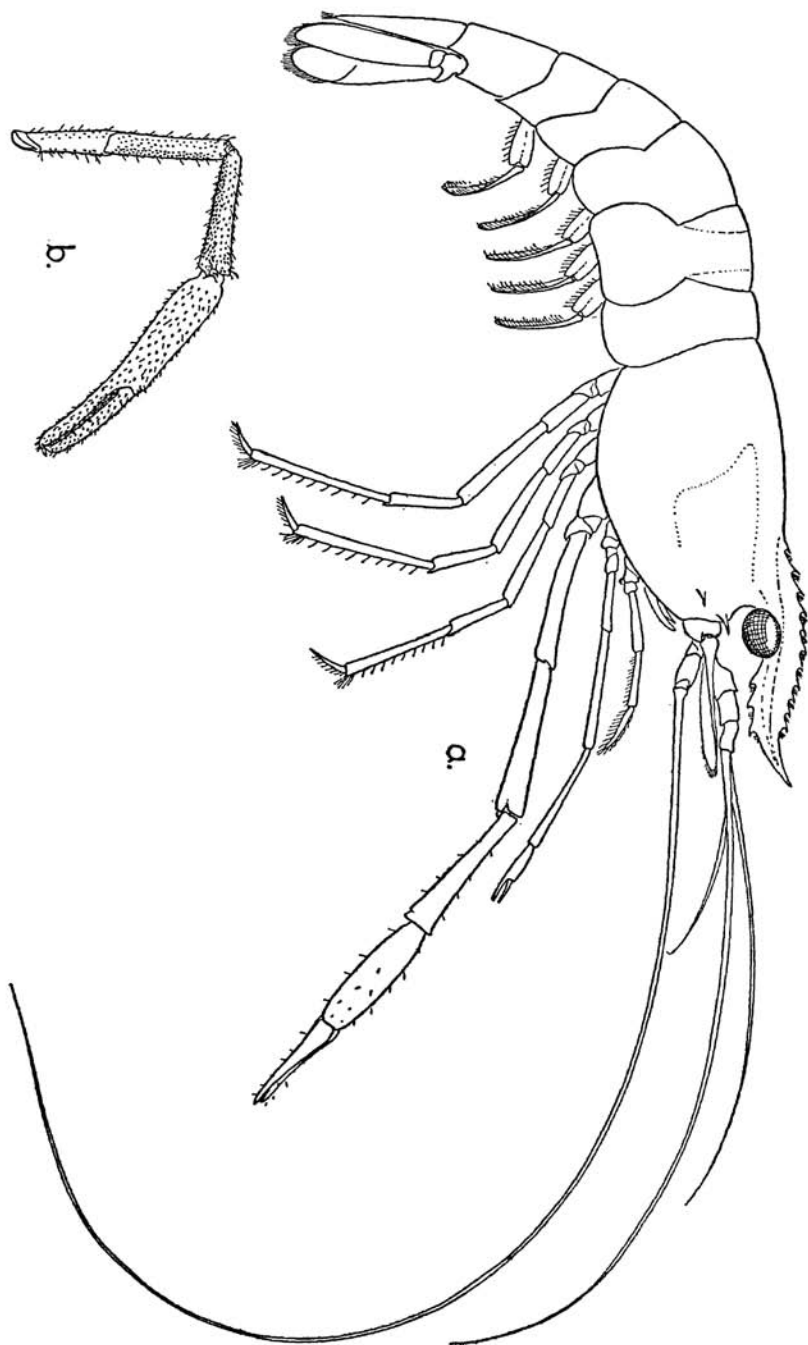


PLATE 15

Macrobrachium heterochirus (Wiegmann)

a, anterior part of body in lateral view; b, anterior part of body in dorsal view. a, b, x1.6.

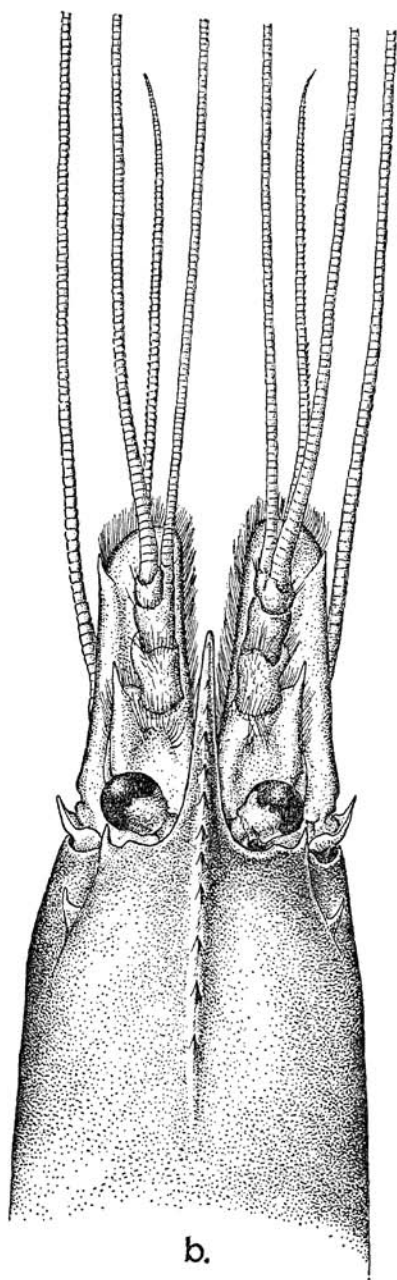
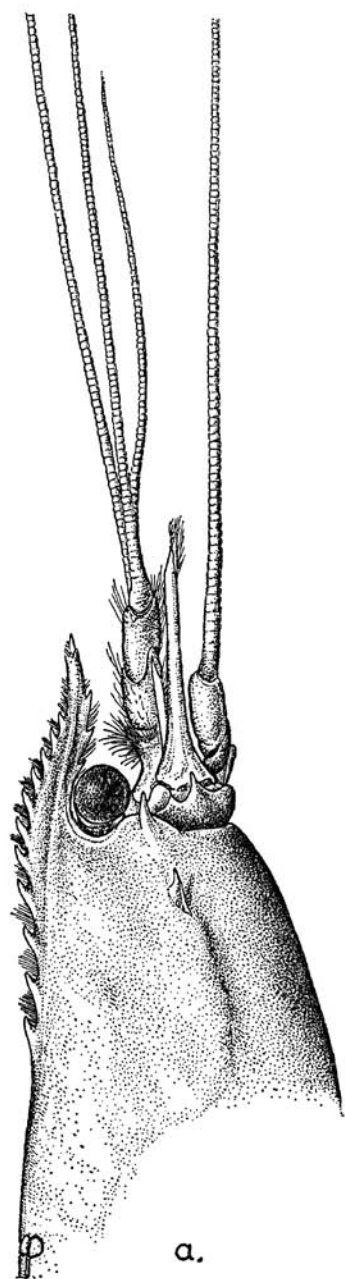


PLATE 16

Macrobrachium heterochirus (Wiegmann)

a, larger second pereiopod of adult male; b, smaller second pereiopod of adult male; c, third pereiopod of adult male. a-c, x1.3.

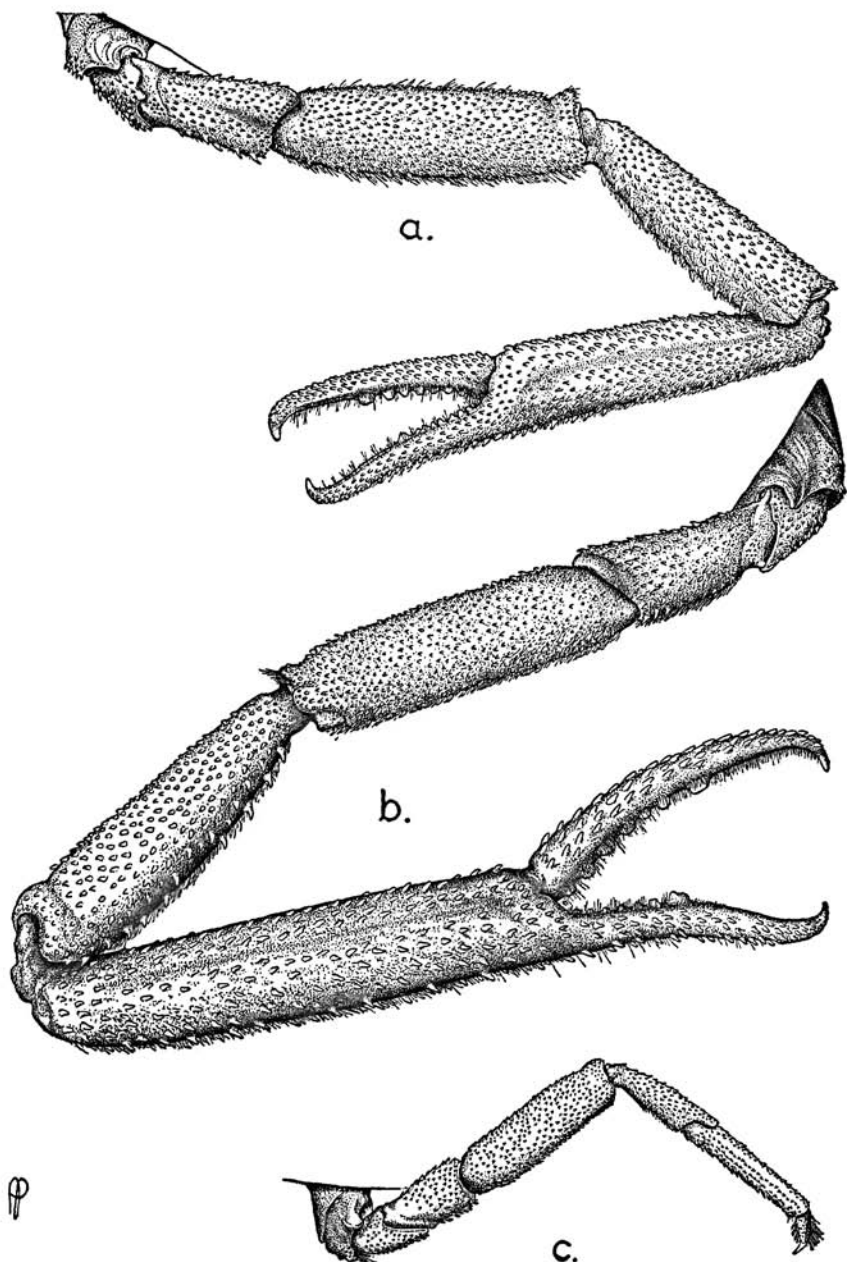
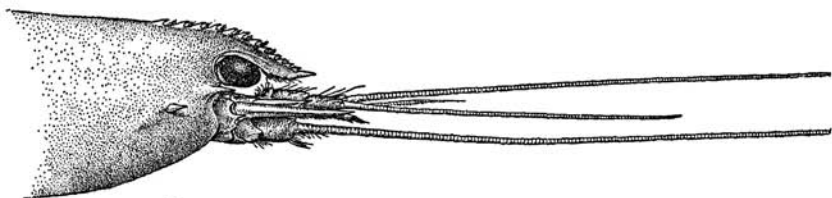


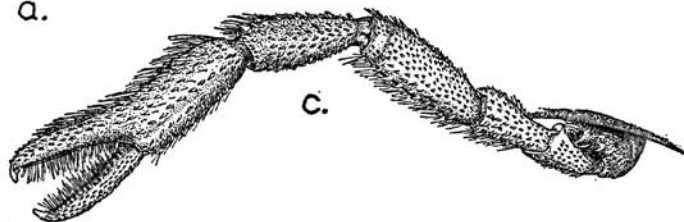
PLATE 17

Macrobrachium occidentale Holthuis

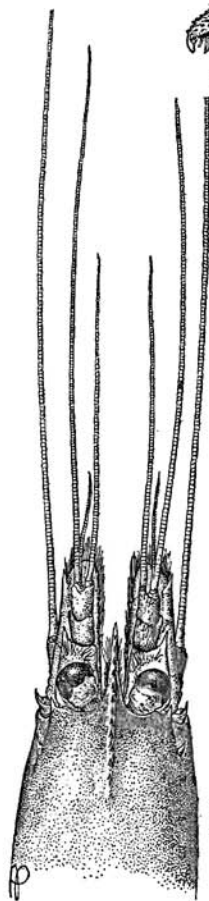
a, anterior part of body in lateral view; b, anterior part of body in dorsal view. c, smaller second pereiopod of adult male; d, larger second pereiopod of adult male; e, third pereiopod. a-e, x1.8.



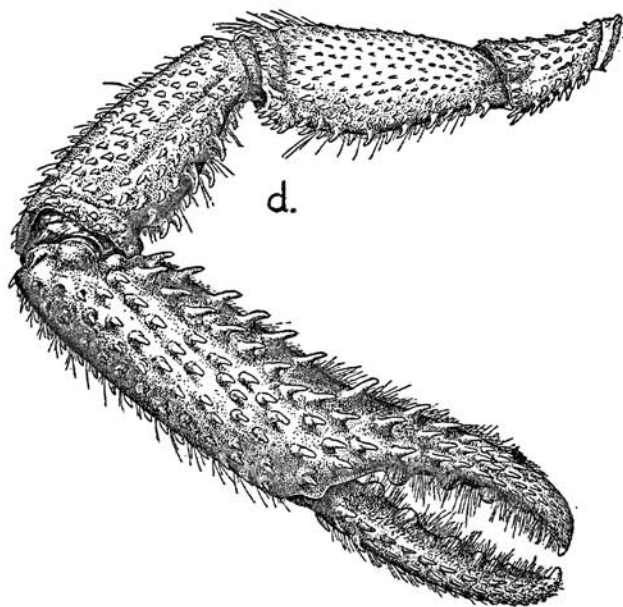
a.



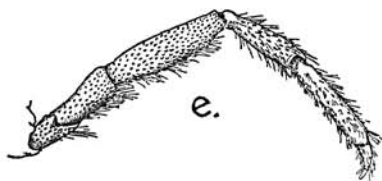
c.



b.



d.



e.

PLATE 18

Macrobrachium potiuna (Müller)

a, anterior part of body in lateral view; b, anterior part of body in dorsal view. c, second leg of adult male; d, third pereopod. a-d, x4.25.

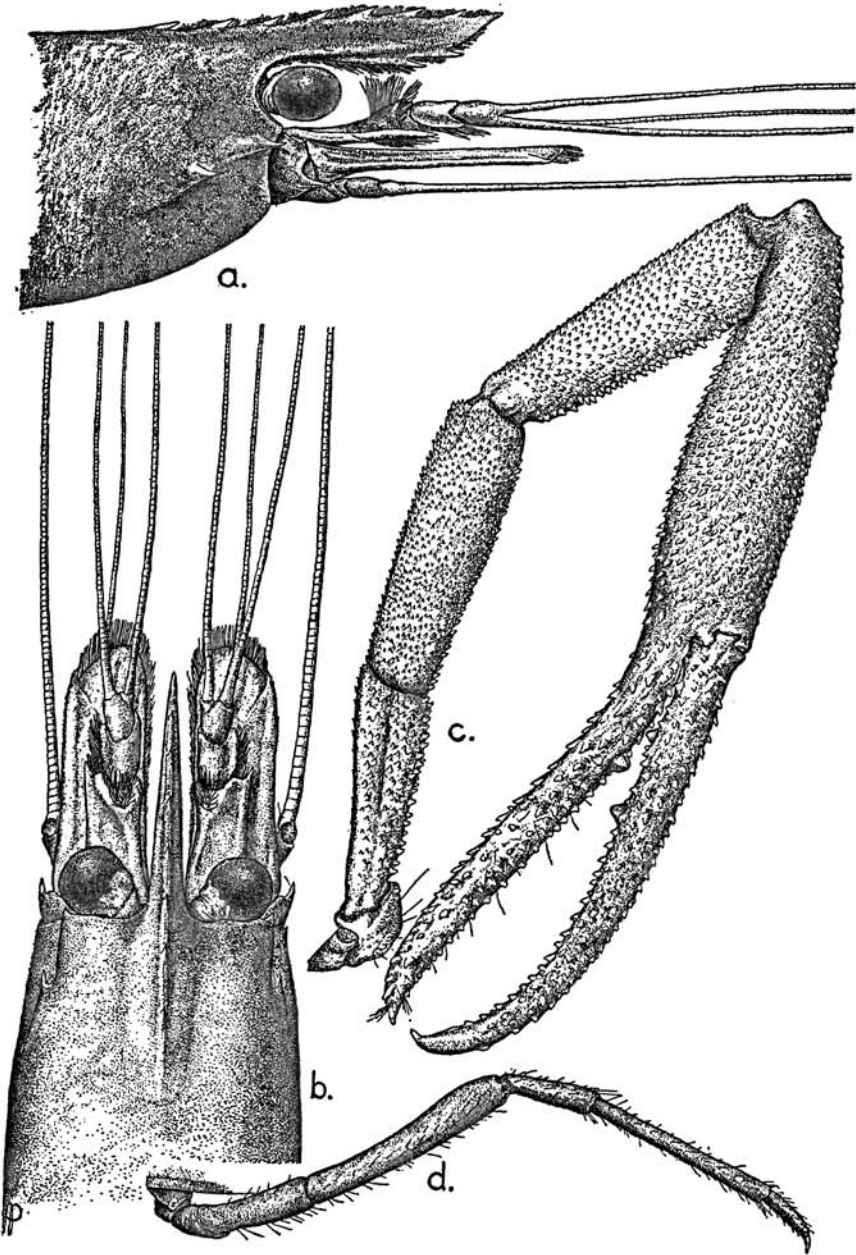


PLATE 19

Macrobrachium brasiliense (Heller)

a, anterior part of body in lateral view; b, anterior part of body in dorsal view. c, second leg of adult male, outside; d, larger second leg of adult male, inside; e, third leg. a-e, x1.6.

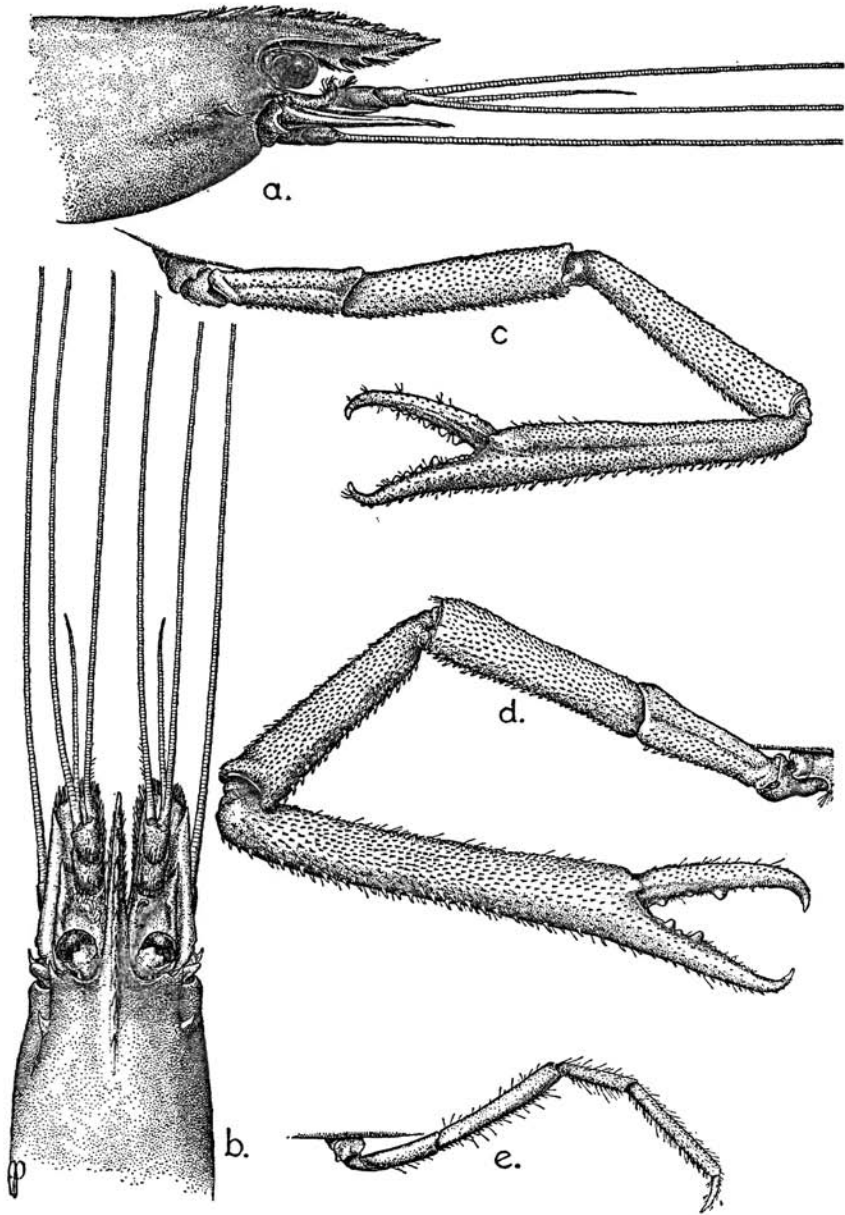


PLATE 20

Macrobrachium nattereri (Heller)

a, anterior part of body in lateral view; b, anterior part of body in dorsal view. c, second leg of adult male; d, third leg. a-d, $\times 3$.

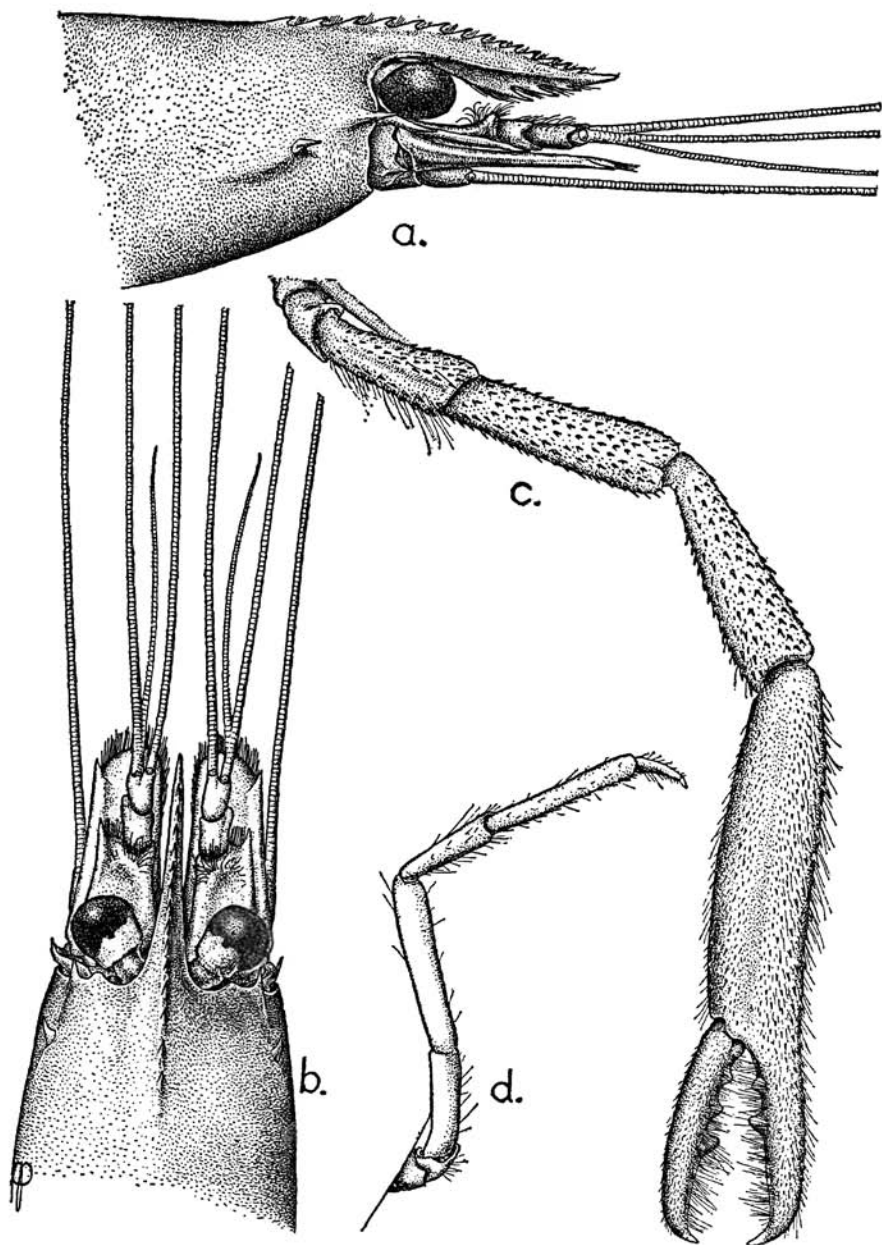


PLATE 21

Macrobrachium iheringi (Ortmann)

a, lateral view of the head; b, second large pereiopod; c, fingers of second pereiopod; d, third pereiopod. a-d, x3.

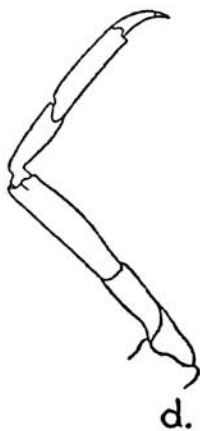
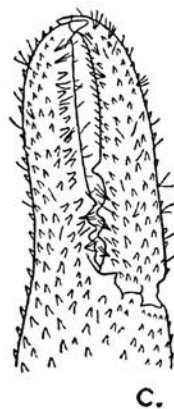
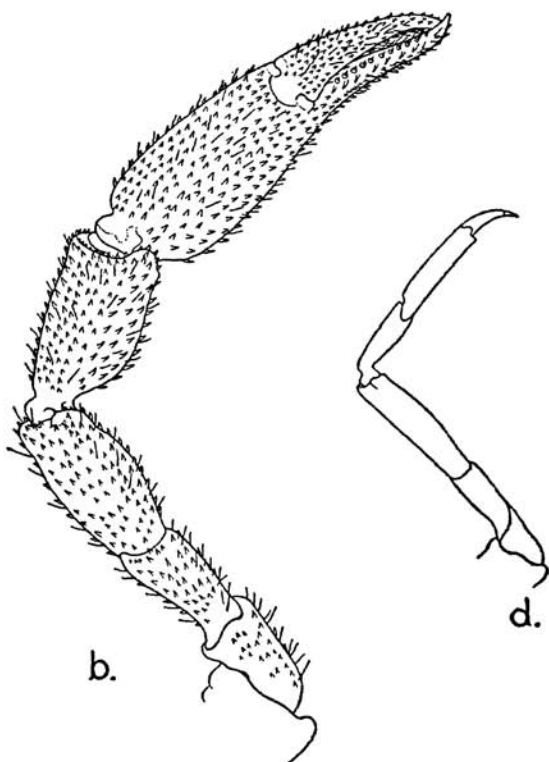
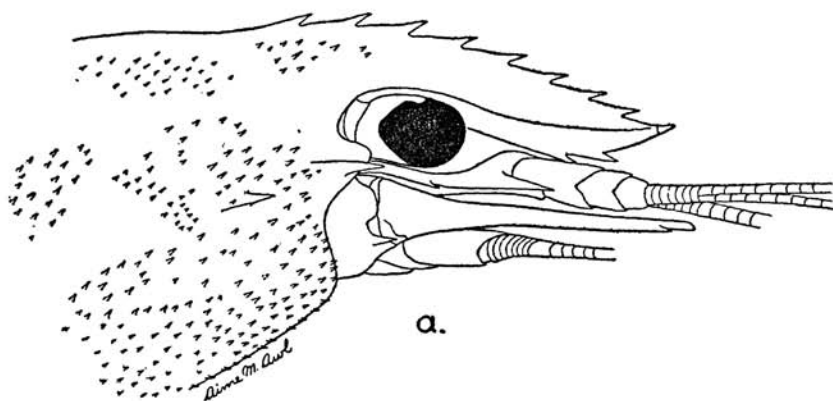


PLATE 22

Macrobrachium faustinum (de Saussure)
Animal in dorsal view, (after de Saussure, 1858).

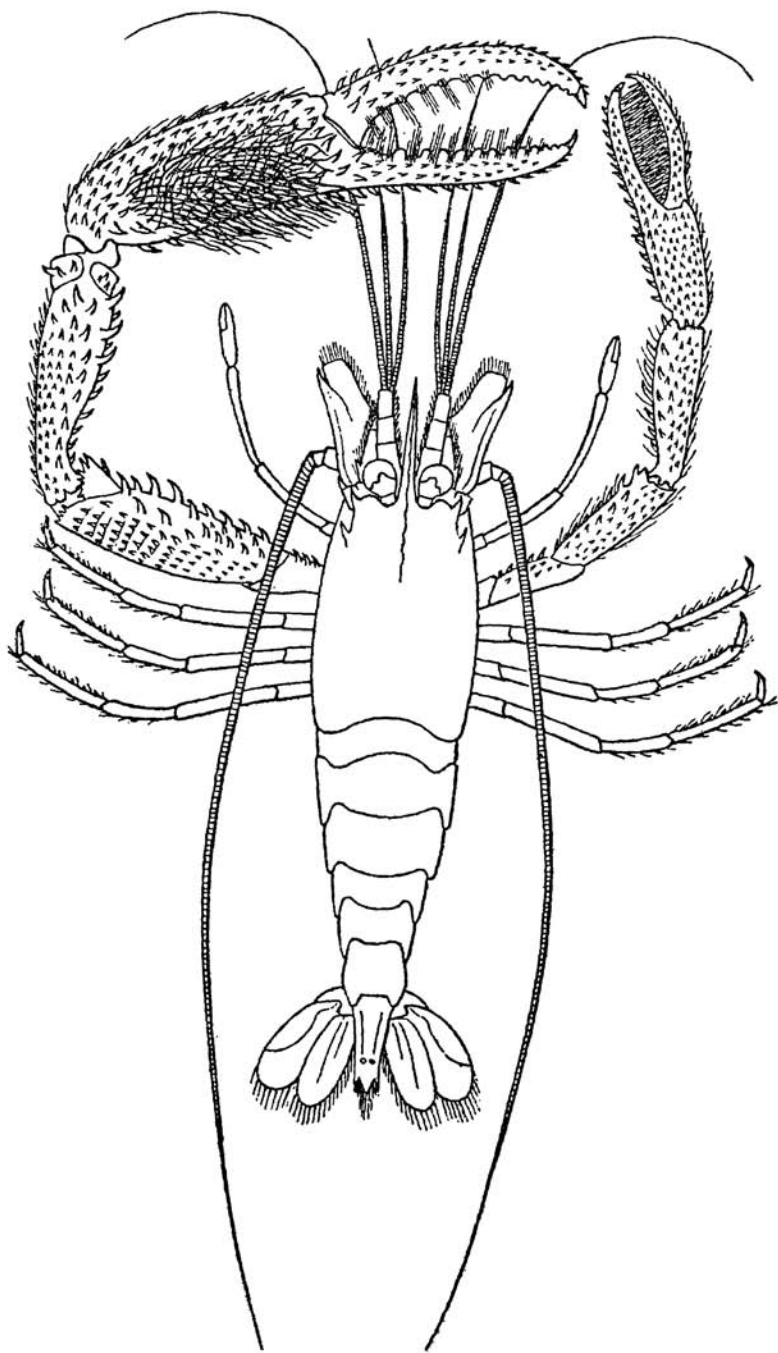


PLATE 23

Macrobrachium faustinum (de Saussure)

a, anterior part of body in lateral view; b, anterior part of body in dorsal view. c, third leg, x2.5. a-c, x2.5.

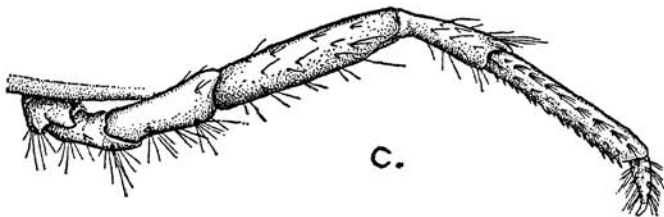
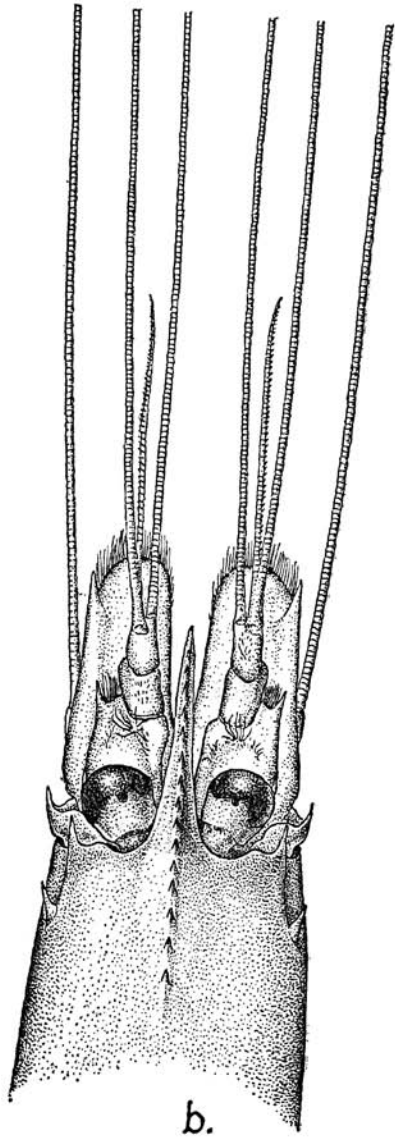
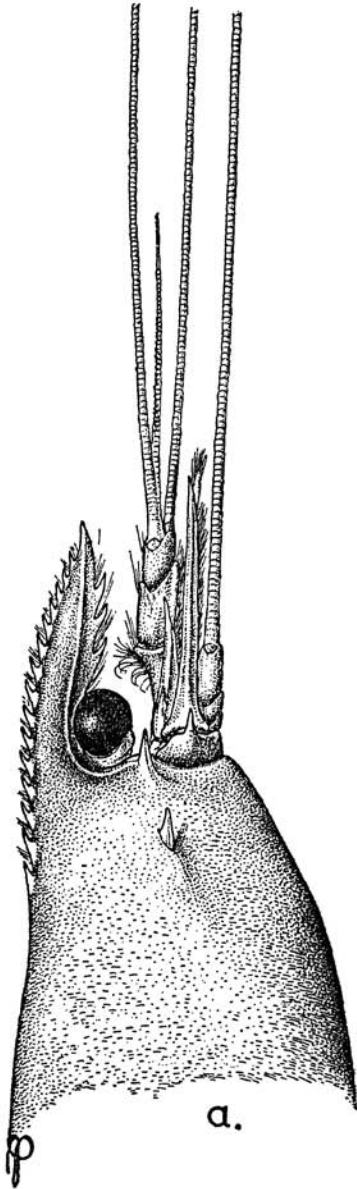


PLATE 24

Macrobrachium olfersi (Wiegmann)

Animal in lateral view, (after Hedgpeth, 1947).

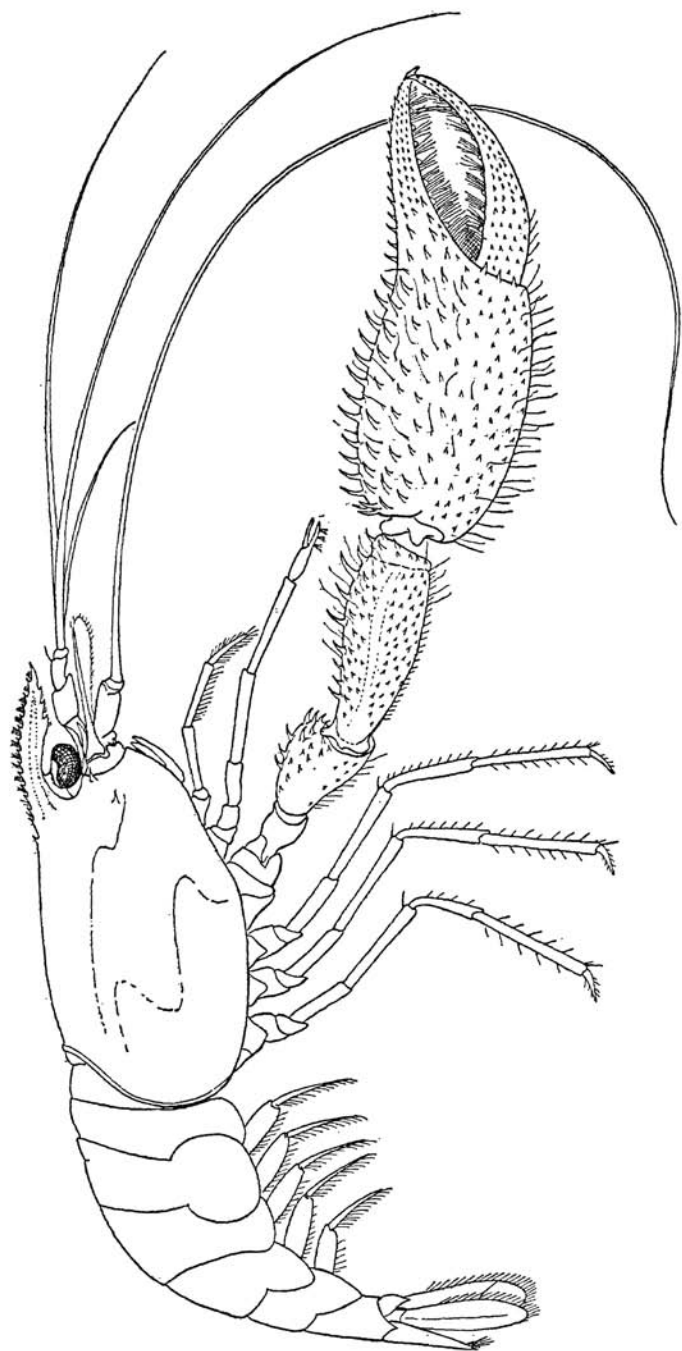


PLATE 25

Macrobrachium olfersi (Wiegmann)

a, larger second pereiopod of adult male; b, smaller second pereiopod of adult male. Drawn by Aime M. Awl.

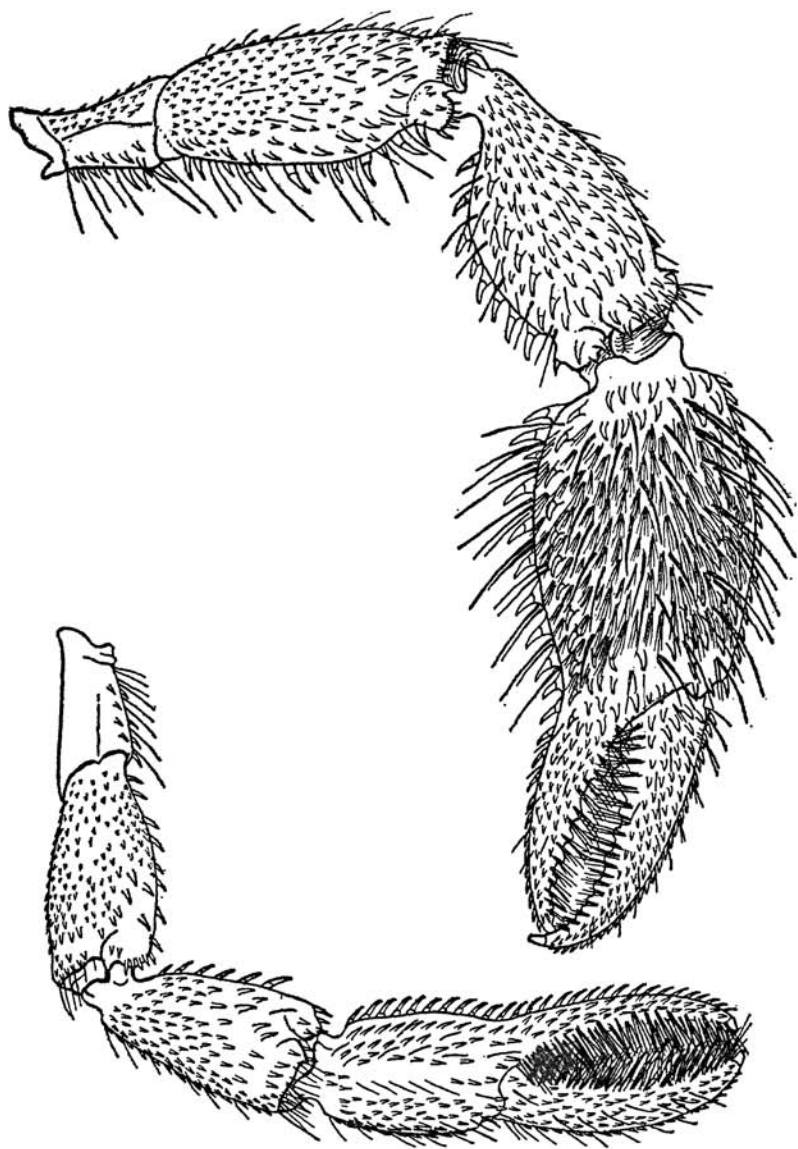
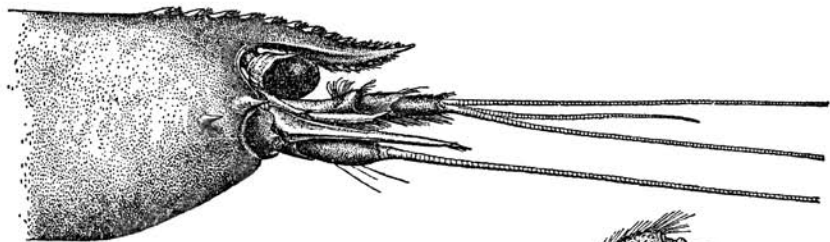


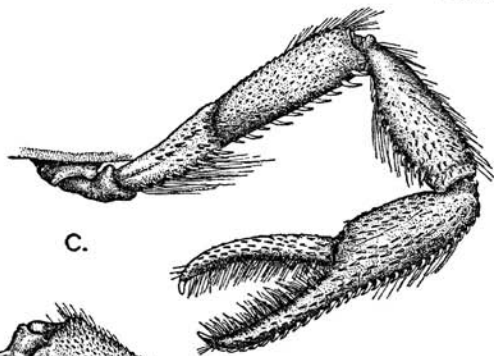
PLATE 26

Macrobrachium digueti (Bouvier)

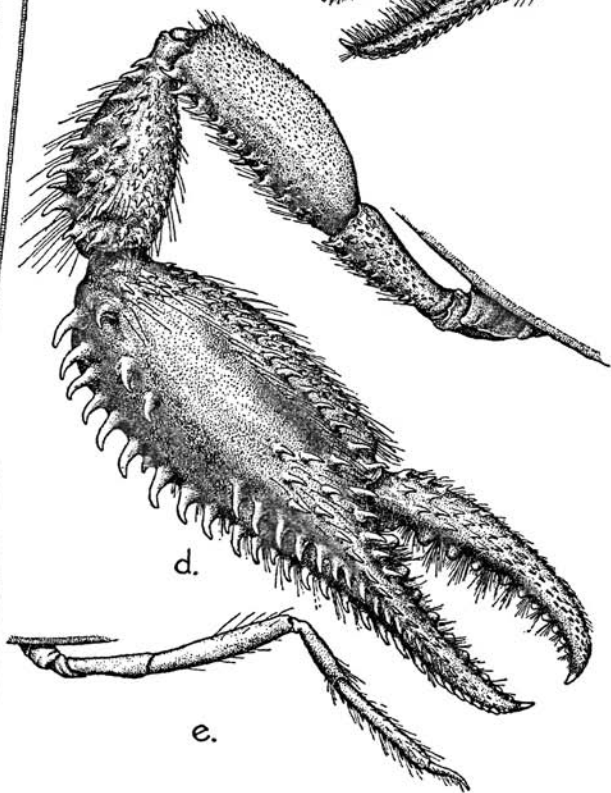
a, anterior part of body in lateral view; b, anterior part of body in dorsal view; c, smaller second pereiopod of adult male; d, larger second pereiopod of adult male; e, third leg; a-e, x3.5.



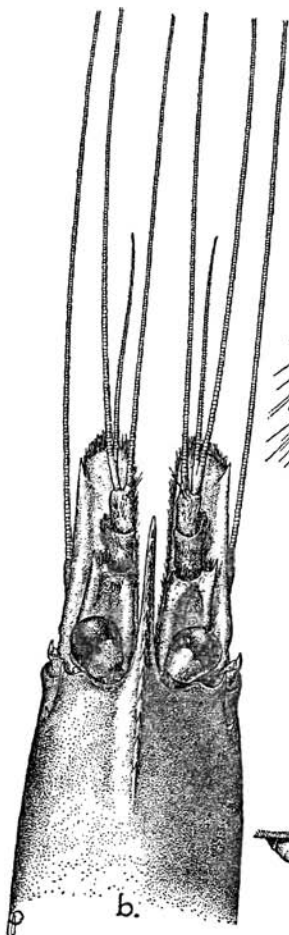
a.



c.



d.



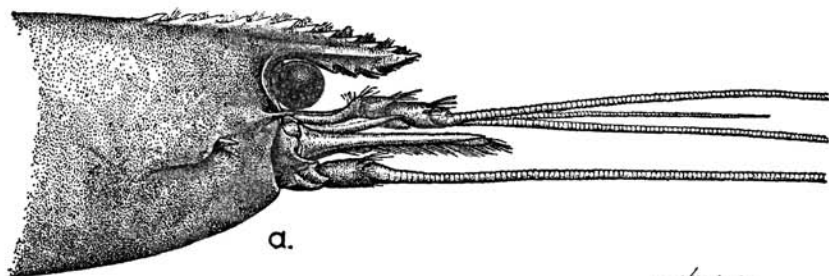
b.

e.

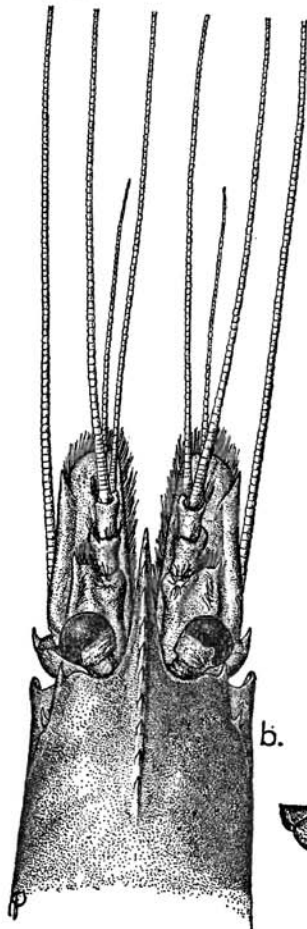
PLATE 27

Macrobrachium crenulatum Holthuis

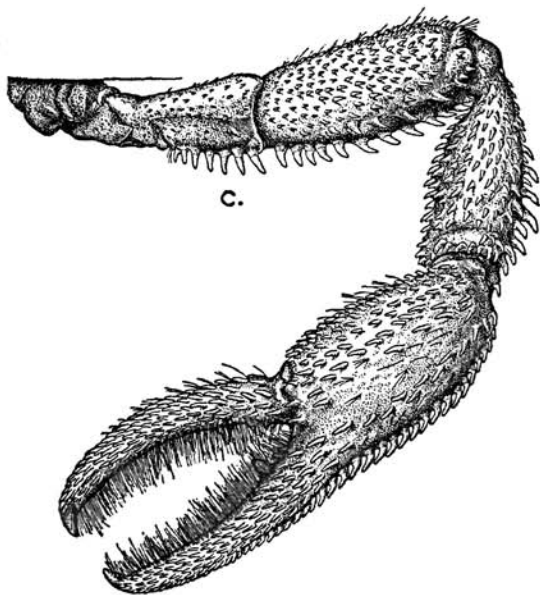
a, anterior part of body in lateral view; b, anterior part of body in dorsal view; c, smaller second pereopod of adult male; d, third pereopod of adult male, a-d, x2.



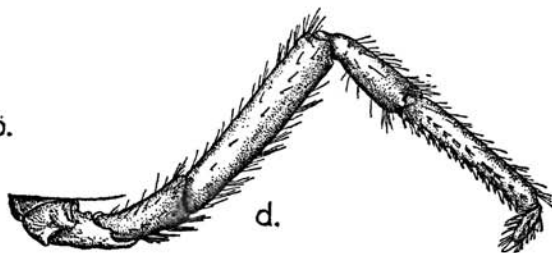
a.



b.



c.



d.

PLATE 28

Macrobrachium crenulatum Holthuis
a, larger second pereopod of adult male, x2.6.

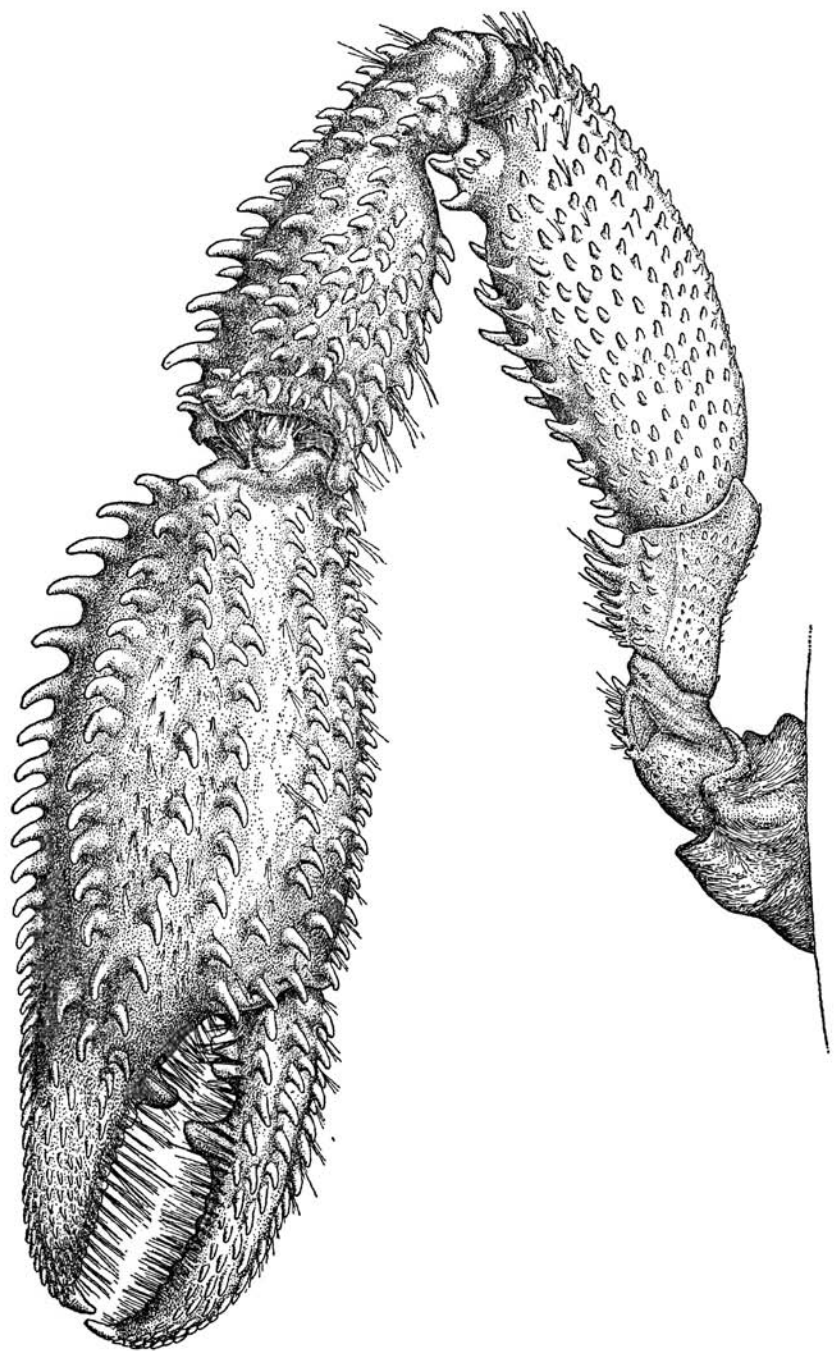
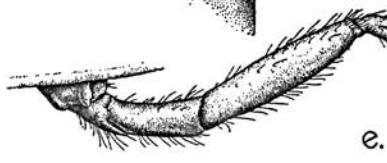
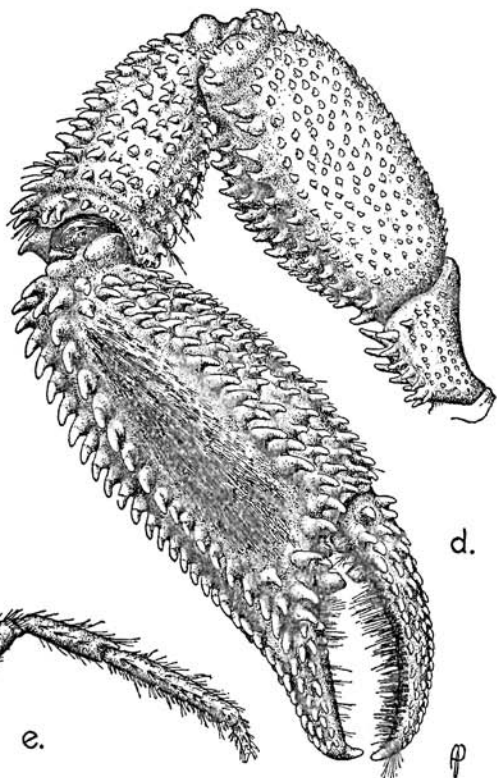
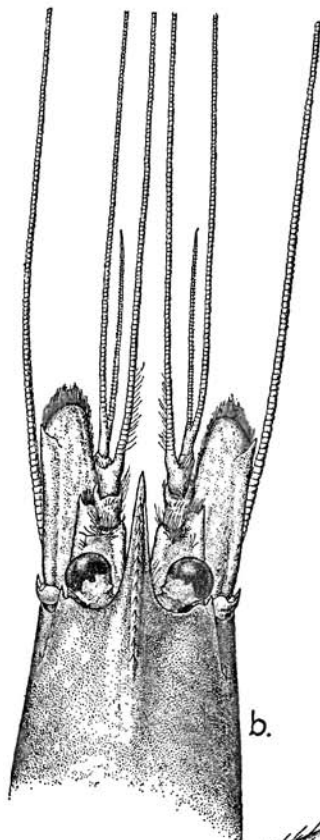
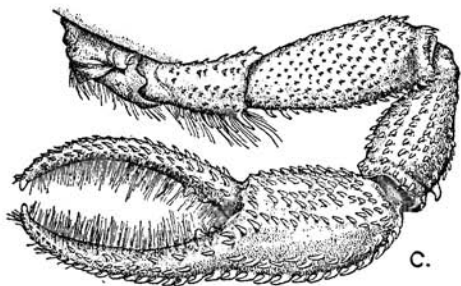
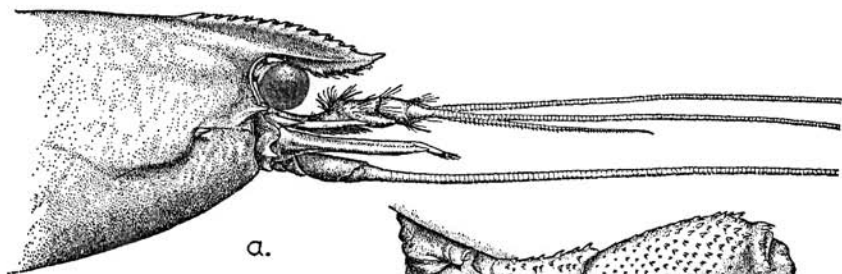


PLATE 29

Macrobrachium hancocki Holthuis

a, anterior part of body in lateral view; b, anterior part of body in dorsal view. c, smaller second pereopod of adult male; d, larger second pereopod of adult male; e, third pereopod of adult male, a-e, x1.9.



p

PLATE 30

Macrobrachium carcinus (L.)
Animal in lateral view. x0.5. *after Hedgpeth, 1947.*

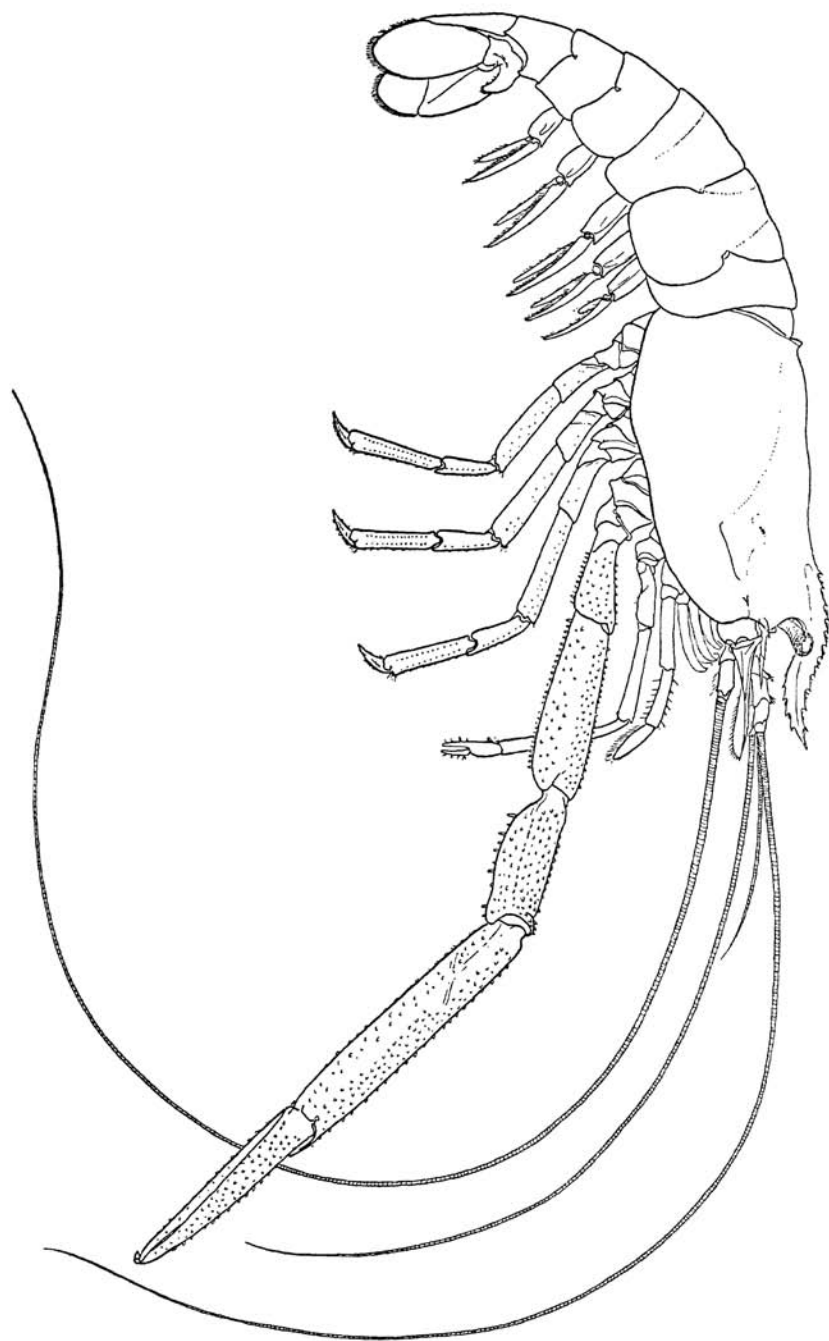


PLATE 31

Macrobrachium carcinus (L.)

a, scaphocerite; b, first leg; c, chela and carpus of second leg of adult male.

Macrobrachium americanum Bate

d, anterior part of body in dorsal view; e, second leg of adult male.

"Palaemon fluviatilis" Streets

f, carapace in lateral view; g, second pereopod. f, g, after Streets, 1871.

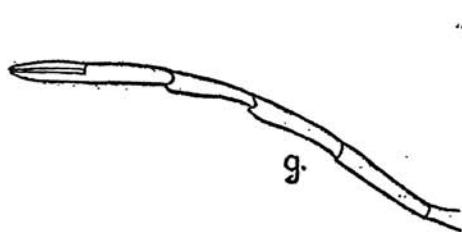
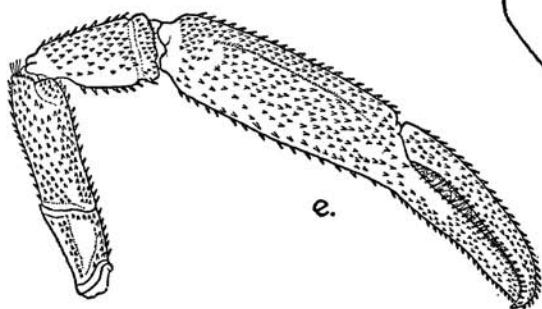
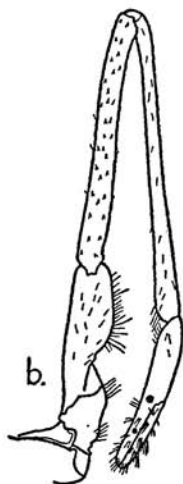
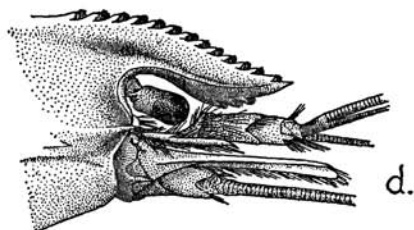
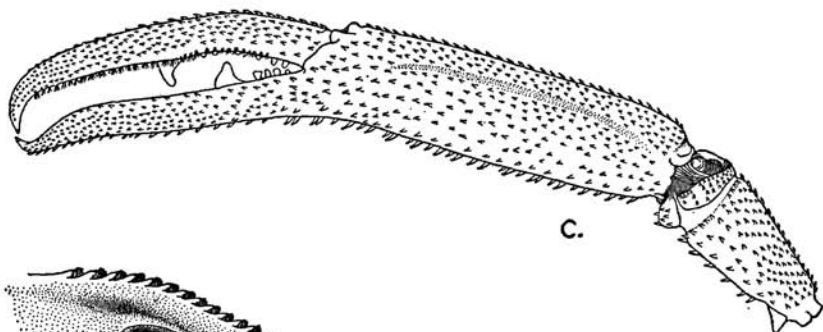


PLATE 32

Pseudopalaemon bouvieri Sollaud

a, anterior part of body in lateral view; b, mandible; c, maxillula; d, maxilla; e, first maxilliped; f, second maxilliped; g, second leg of male; h, second leg of female; i, third leg of male. b-d, x24; e, f, x15; g-i, x7.

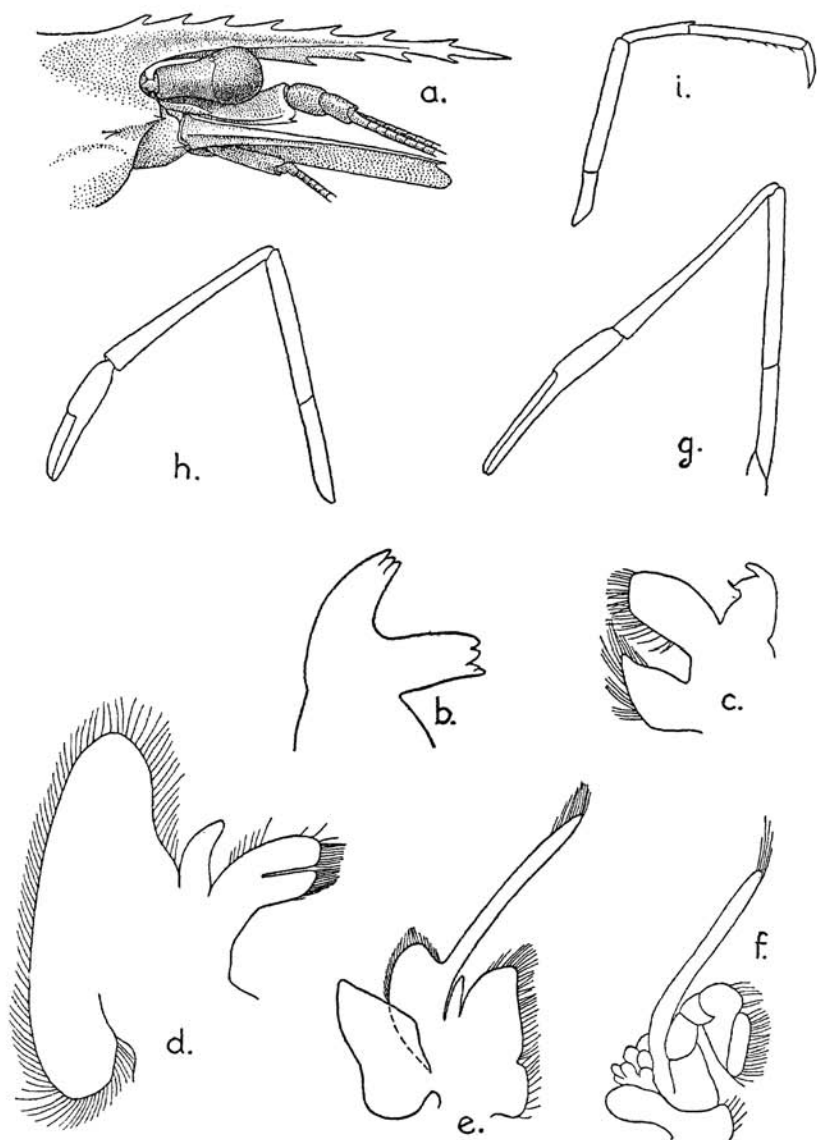


PLATE 33

Cryphiops caementarius (Molina)

Adult male in dorsal view. x0.6.

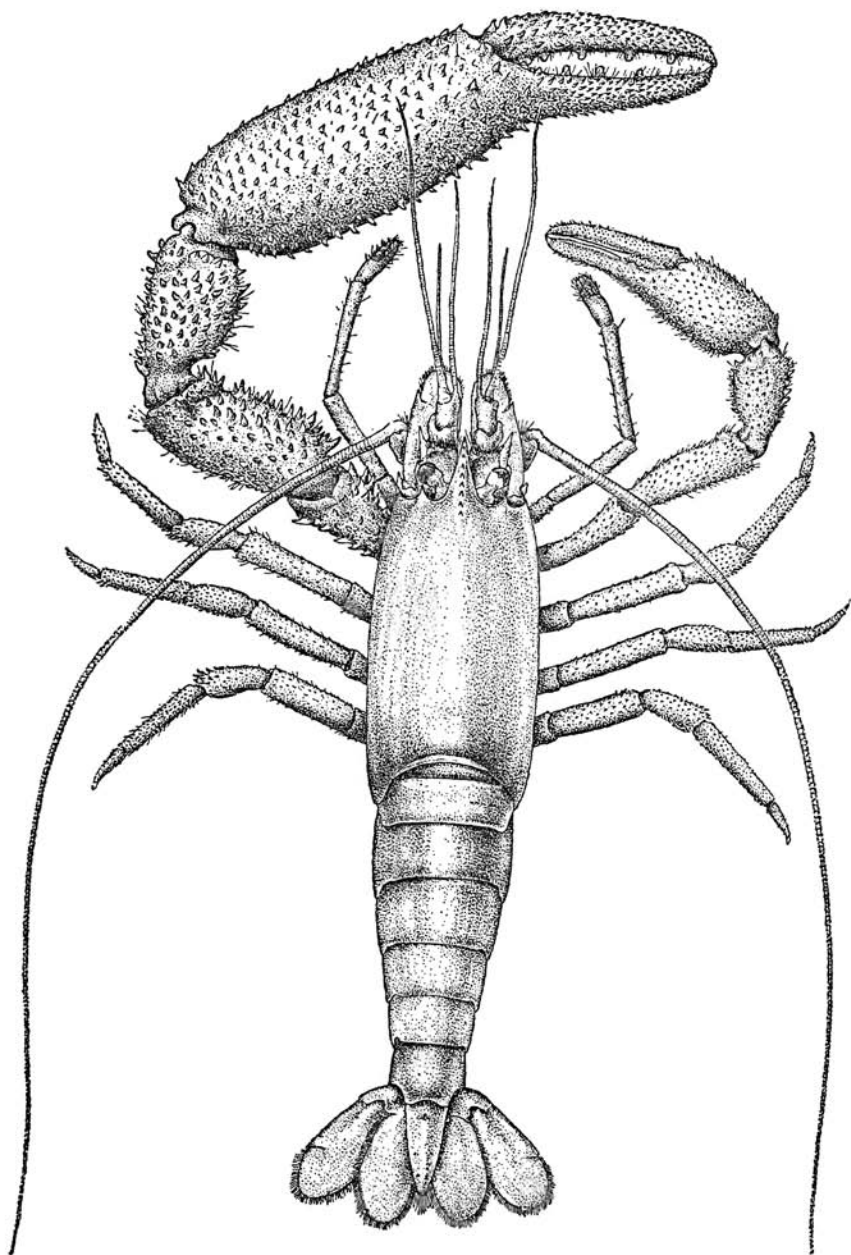


PLATE 34

Cryphiops caementarius (Molina)

a, adult female in dorsal view; b, anterior part of body of female in lateral view. a, x0.6; b, x2.6.

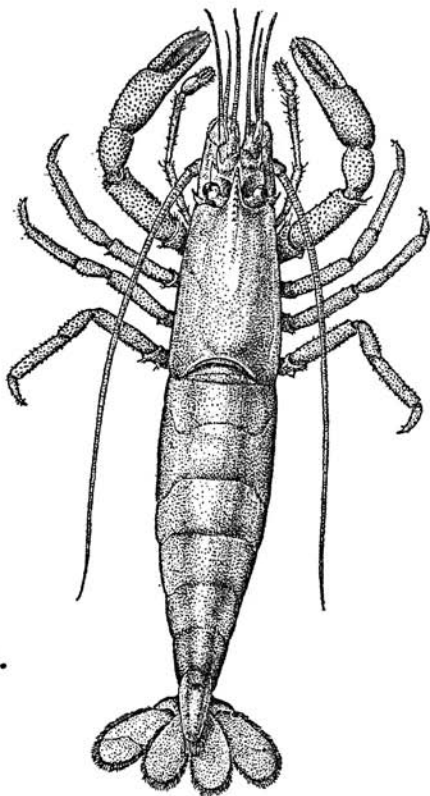
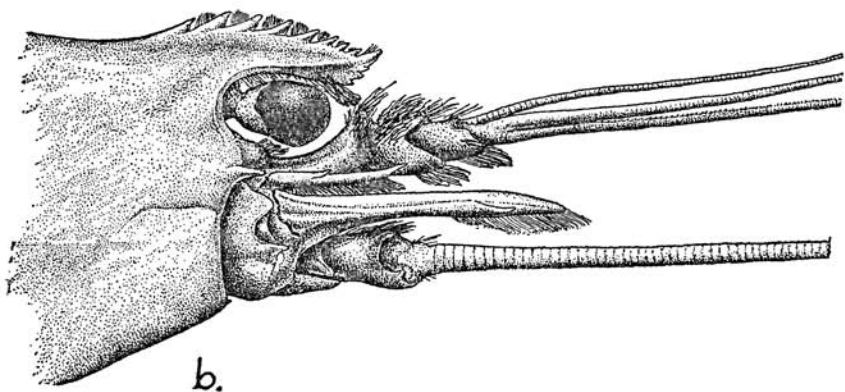


PLATE 35

Cryphiops caementarius (Molina)

a, mandible; b, maxillula; c, maxilla; d, first maxilliped; e, second maxilliped; f, endopod of first pleopod of male; g, endopod of second pleopod of male. a-g, x4.6.

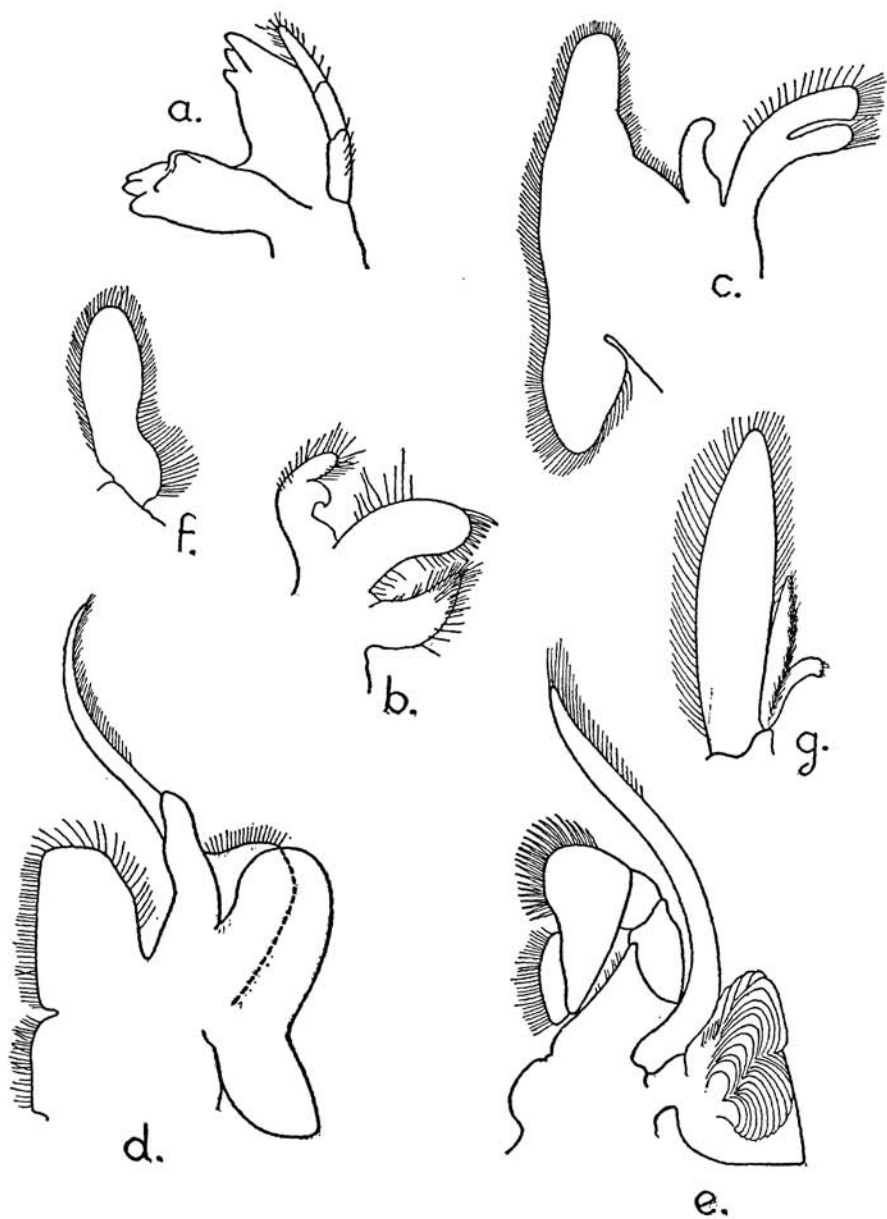


PLATE 36

Troglocubanus calcis (Rathbun)

a, carapace of female holotype in lateral view; b, frontal region of holotype in dorsal view; c, telson in dorsal view; d, mandible; e, maxillula; f, maxilla; g, first maxilliped; h, second maxilliped; i, first pereopod; j, second pereopod. a-h, after Chace, 1943.

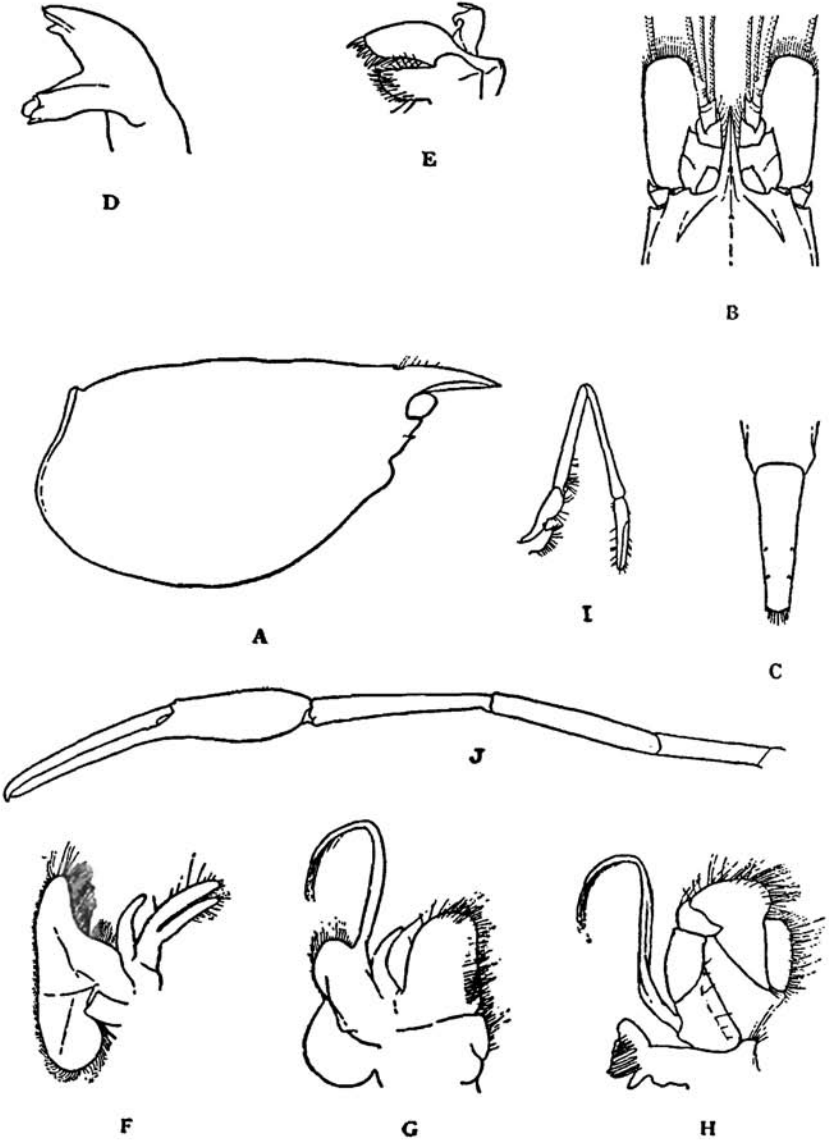


PLATE 37

Troglocubanus eigenmanni (Hay)

paratype. a, carapace in lateral view; b, antennula; c, scaphocerite;
d, first pereopod; e, second pereopod; f, third pereopod. a-f, x7.5.

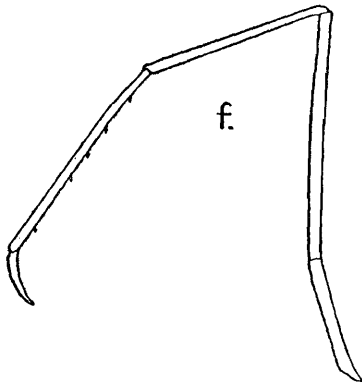
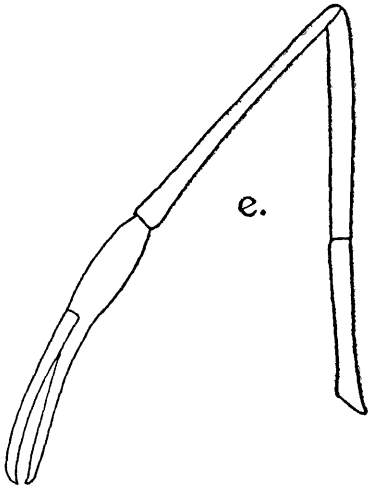
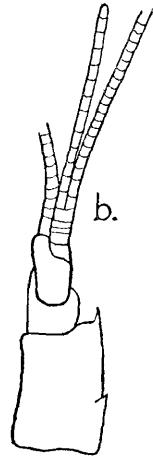
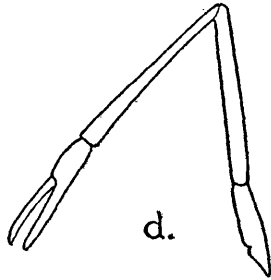
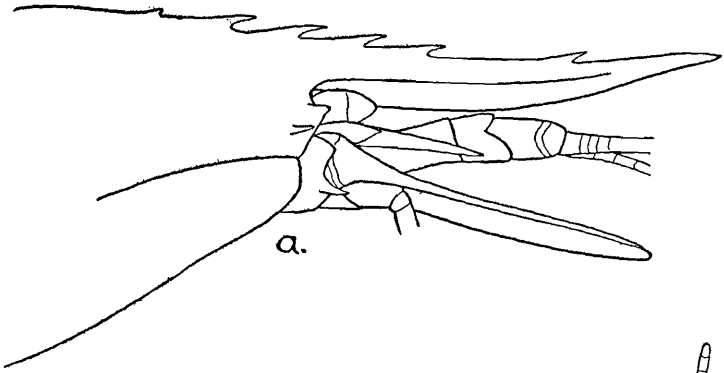


PLATE 38

Troglocubanus gibarensis (Chace)

a, animal in lateral view; b, frontal region in dorsal view; c, telson in dorsal view; d, tip of telson; e, mandible; f, maxillula; g, maxilla; h, first maxilliped; i, second maxilliped. a-i, after Chace, 1943.

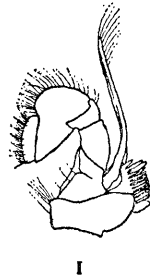
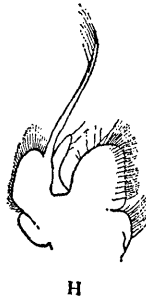
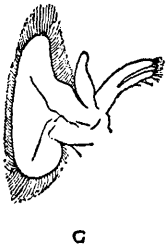
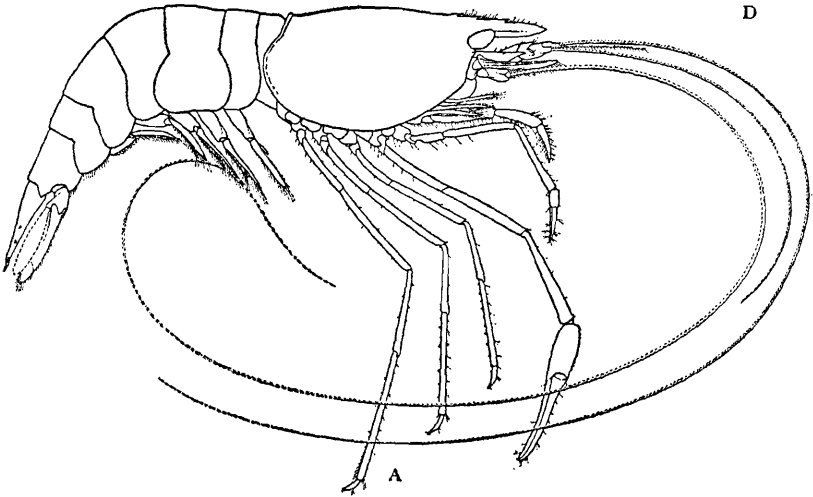
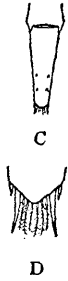
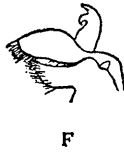


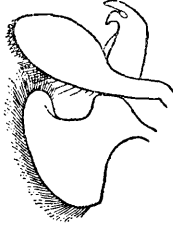
PLATE 39

Troglocubanus inermis (Chace)

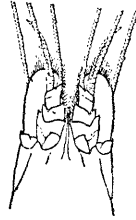
a, animal in lateral view; b, frontal region in dorsal view; c, telson in dorsal view; d, tip of telson; e, mandible; f, maxillula; g, maxilla; h, first maxilliped; i, second maxilliped. a-i, after Chace, 1943.



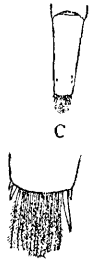
E



F

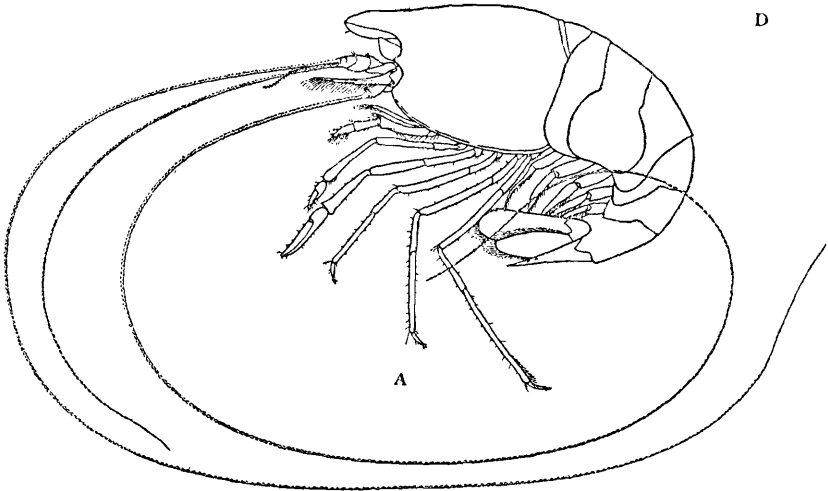


B



C

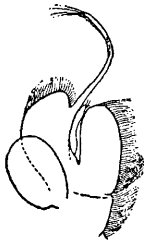
D



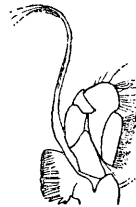
A



G



H



I

PLATE 40

Creaseria morleyi (Creaser)

a, carapace in lateral view; b, telson in dorsal view; c, mandible;
d, maxillula; e, chela of first leg; f, chela of second leg. a-f, after
Creaser, 1936.

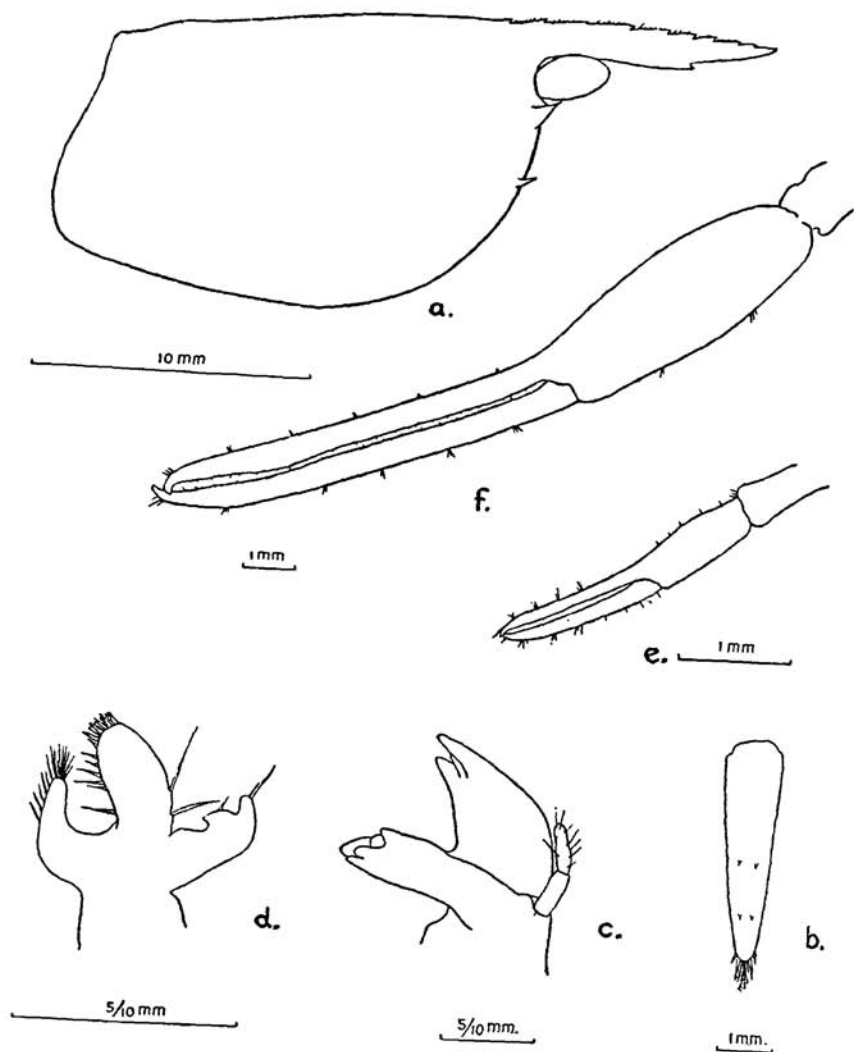


PLATE 41

Leander tenuicornis (Say)

a, anterior part of body of female in lateral view; b, anterior part of carapace of male in lateral view; c, antennula; d, scaphocerite; e, first pereiopod; f, second pereiopod; g, third pereiopod.

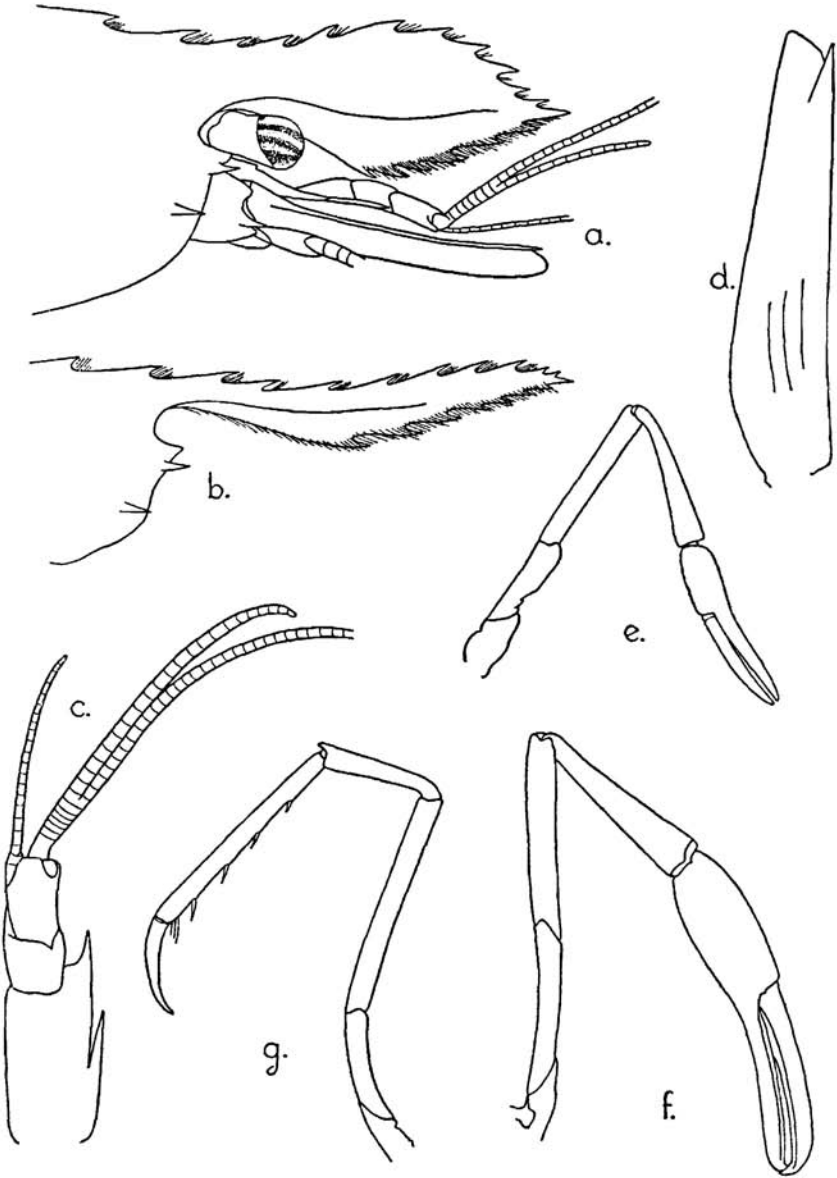


PLATE 42

Leander tenuicornis (Say)

a, fifth pereopod; b, mandible; c, maxillula; d, maxilla; e, first maxilliped; f, second maxilliped.

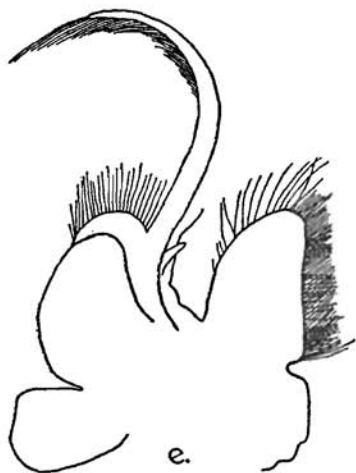
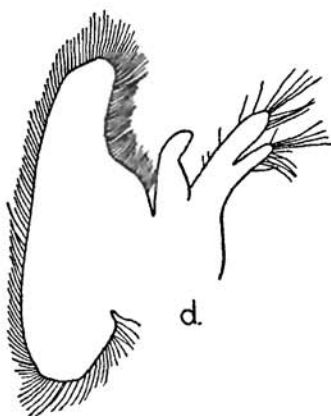
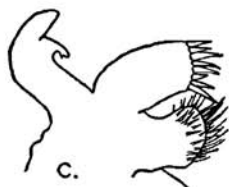
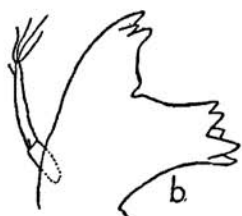
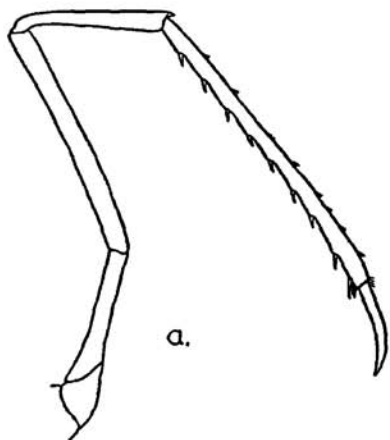


PLATE 43

Palaemon (Nematopalaemon) schmitti Holthuis

a, anterior part of body in lateral view; b, antennula; c, antenna; d, mandible; e, maxillula; f, maxilla; g, first maxilliped; h, second maxilliped; i, third maxilliped; j, first pereopod; k, second pereopod; l, third pereopod. a, x5; b, c, j-l, x7; d-i, x10.

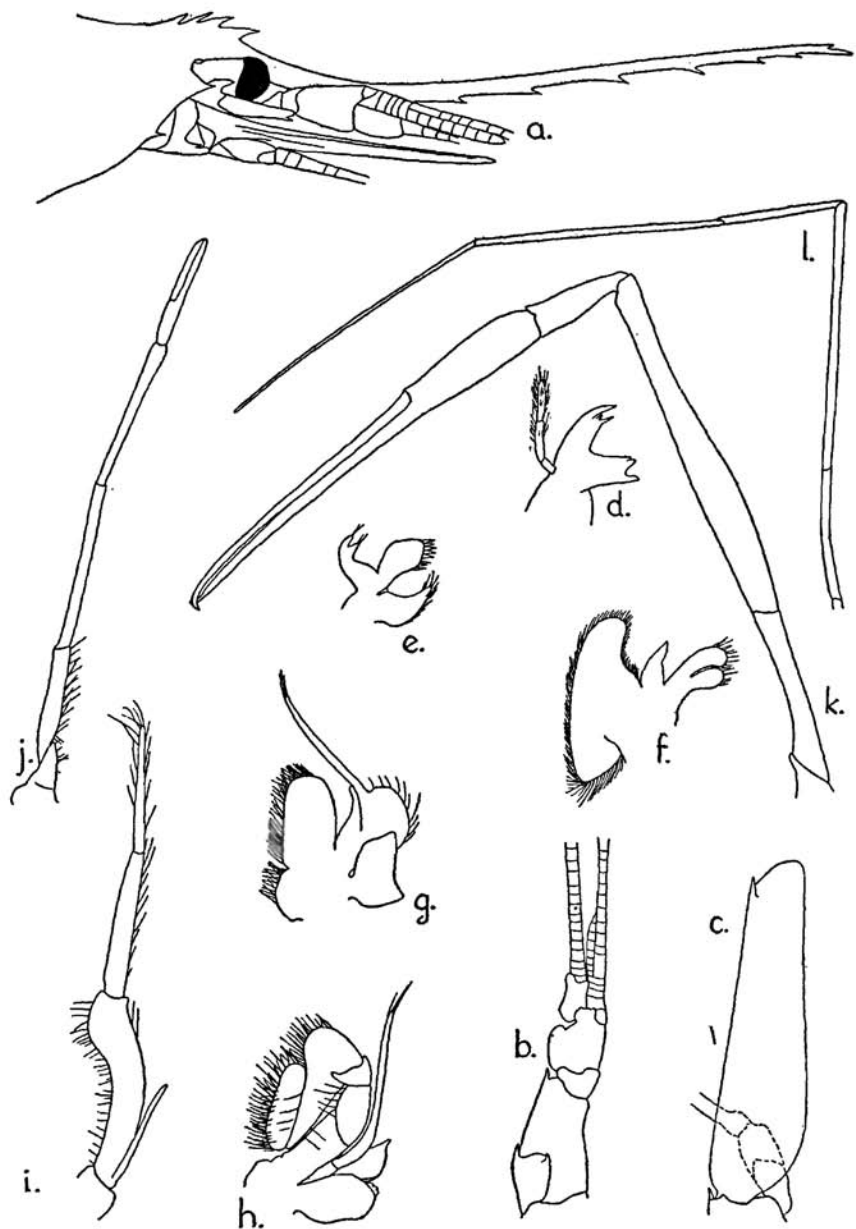


PLATE 44

Palaemon (Palaemon) ritteri Holmes

a, anterior part of body in lateral view; b, antennula; c, scaphocerite; d, second leg; e, third leg; f, larva, probably belonging to this species; g, anterior part of another larva. a-g, x6.

Palaemon (Palaemon) gladiator Holthuis

h, anterior part of body in lateral view; i, antennula; j, scaphocerite; k, second leg; l, third leg. h-l, x6.

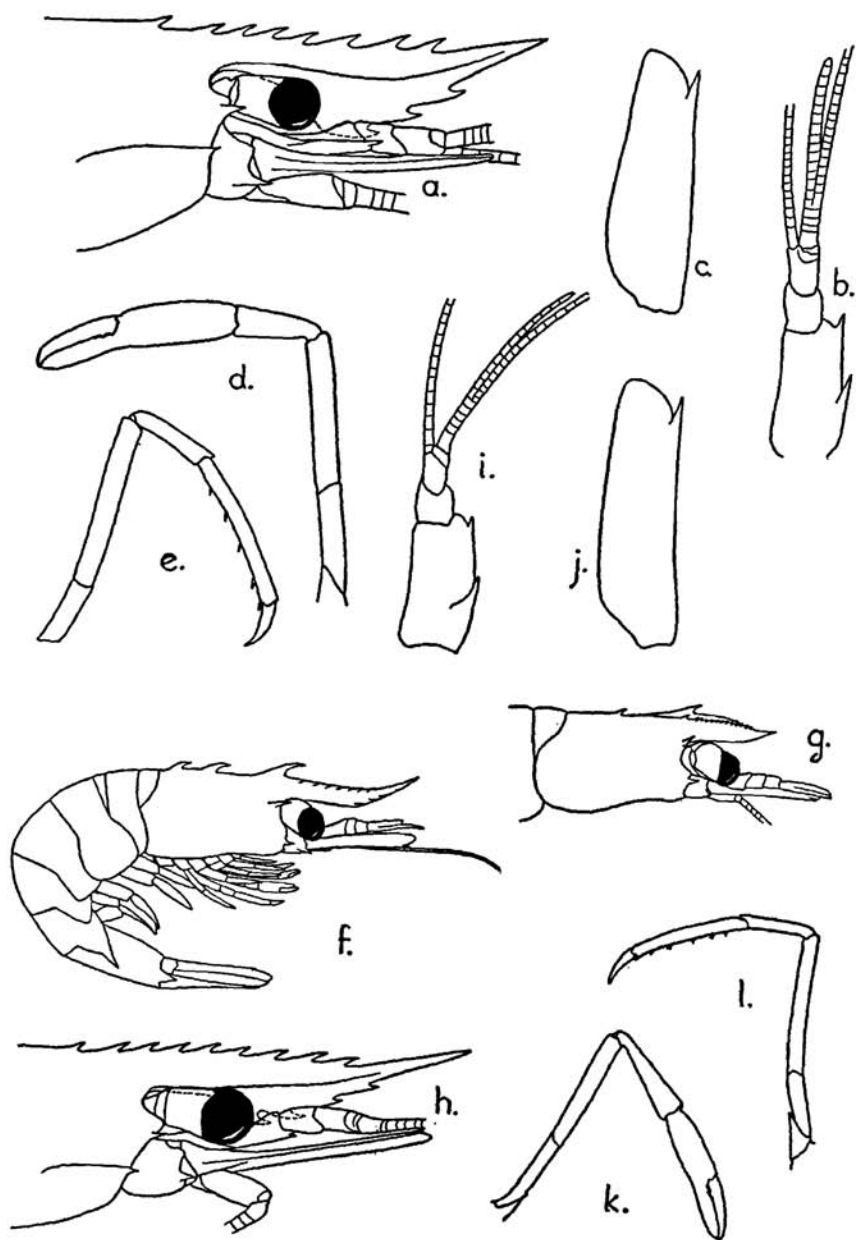


PLATE 45

Palaemon (Palaemon) peruanus Holthuis

a, anterior part of body in lateral view; b, antennula; c, scaphocerite; d, second leg; e, third leg. a-e, x6.

Palaemon (Palaemon) gracilis (Smith)

f, anterior part of body in lateral view; g, tip of telson; h, antennula; i, antenna; j, third maxilliped; k, second pereopod; l, third pereopod. f-l, x6.

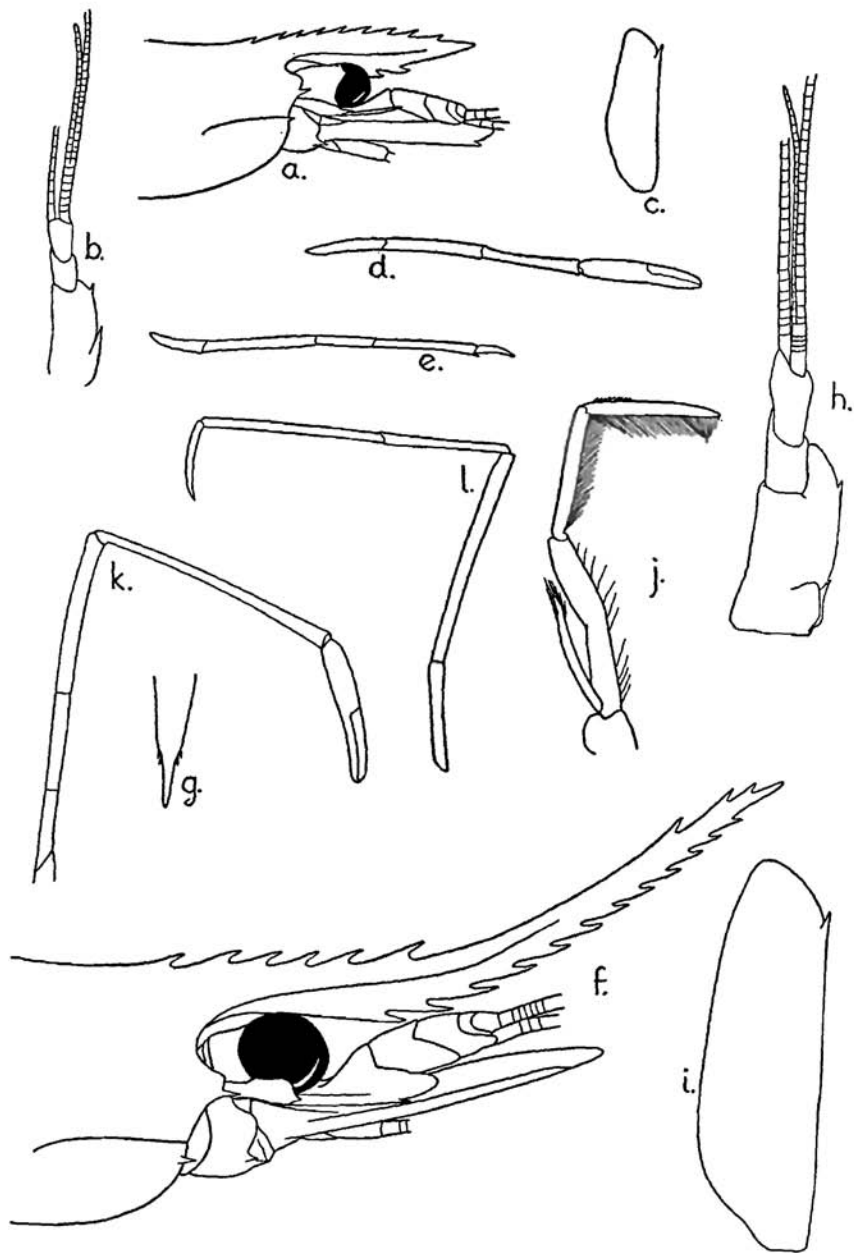


PLATE 46

Palaemon (Palaemon) hancocki Holthuis

a, anterior part of body in lateral view; b, antennula; c, scaphocerite; d, third maxilliped; e, second pereopod; f, third pereopod. a-f, x6.

Palaemon (Palaemon) pandaliformis (Stimpson)

g, anterior part of body in lateral view; h, tip of telson in dorsal view; i, antennula; j, scaphocerite; k, second pereopod; l, third pereopod. g-l, x6.

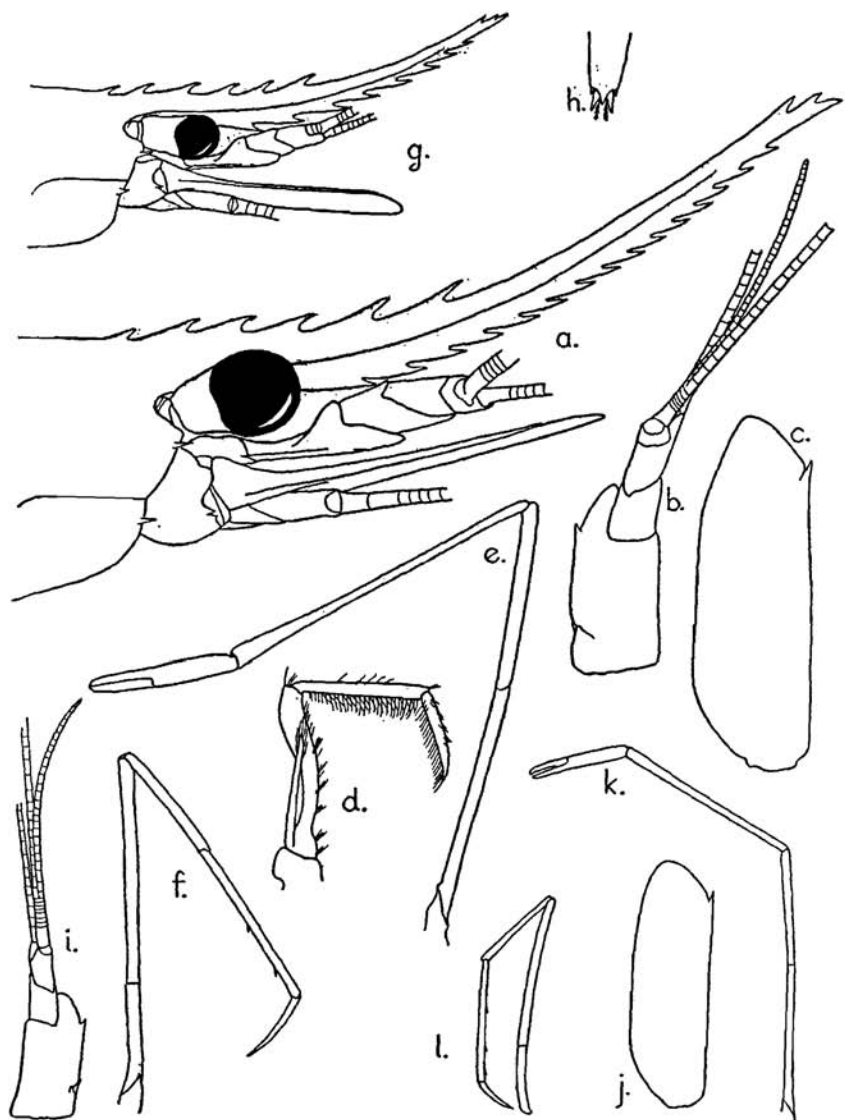


PLATE 47

Palaemon (Palaeander) northropi (Rankin)

a, anterior part of body in lateral view; b, antennula; c, scaphocerite; d, mandible; e, maxillula; f, maxilla; g, first maxilliped; h, third maxilliped; i, first pereopod; j, second pereopod; k, third pereopod; l, fifth pereopod. a-c, x7; d-f, x25; g-l, x10.

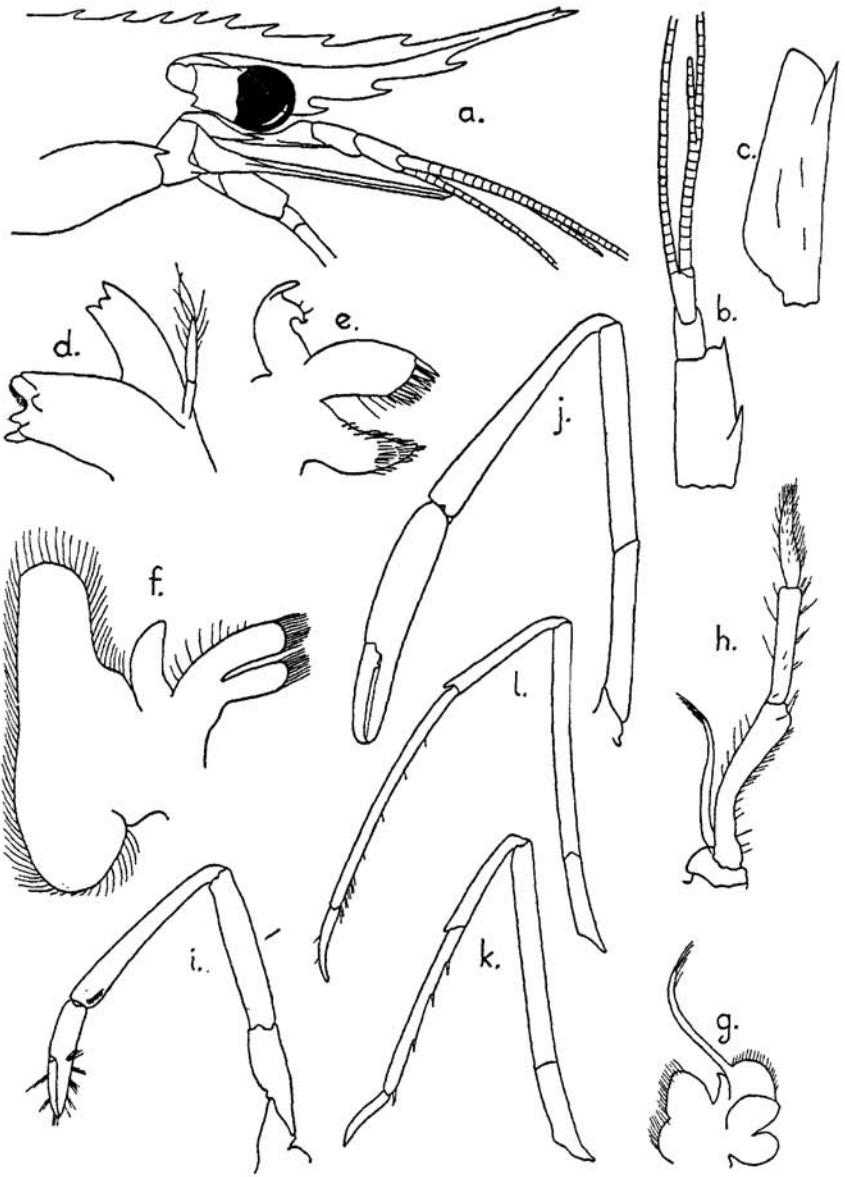


PLATE 48

Palaeon (Palaeander) floridanus Chace

a, animal in lateral view; b, antennula; c, scaphocerite; d, telson in dorsal view; e, mandible; f, maxillula; g, maxilla; h, first maxilliped; i, second maxilliped; j, third maxilliped. a-j, after Chace, 1942.

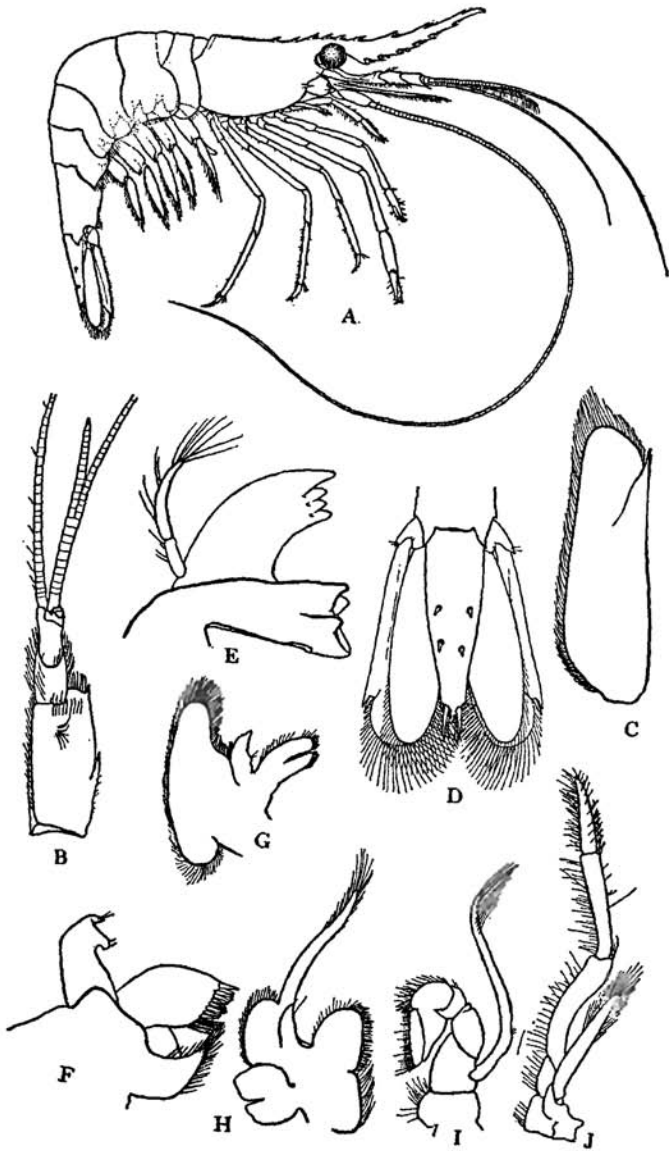


PLATE 49

Palaemonetes (Alaocaris) antrorum Benedict

adult specimen. a, anterior part of body in lateral view; b, telson in dorsal view; c, antennula; d, scaphocerite; e, mandible; f, maxillula; g, maxilla; h, first maxilliped; i, second maxilliped; j, third maxilliped; k, first pereopod; l, second pereopod; m, third pereopod. a-d, k-m, x15; e-j, x20.

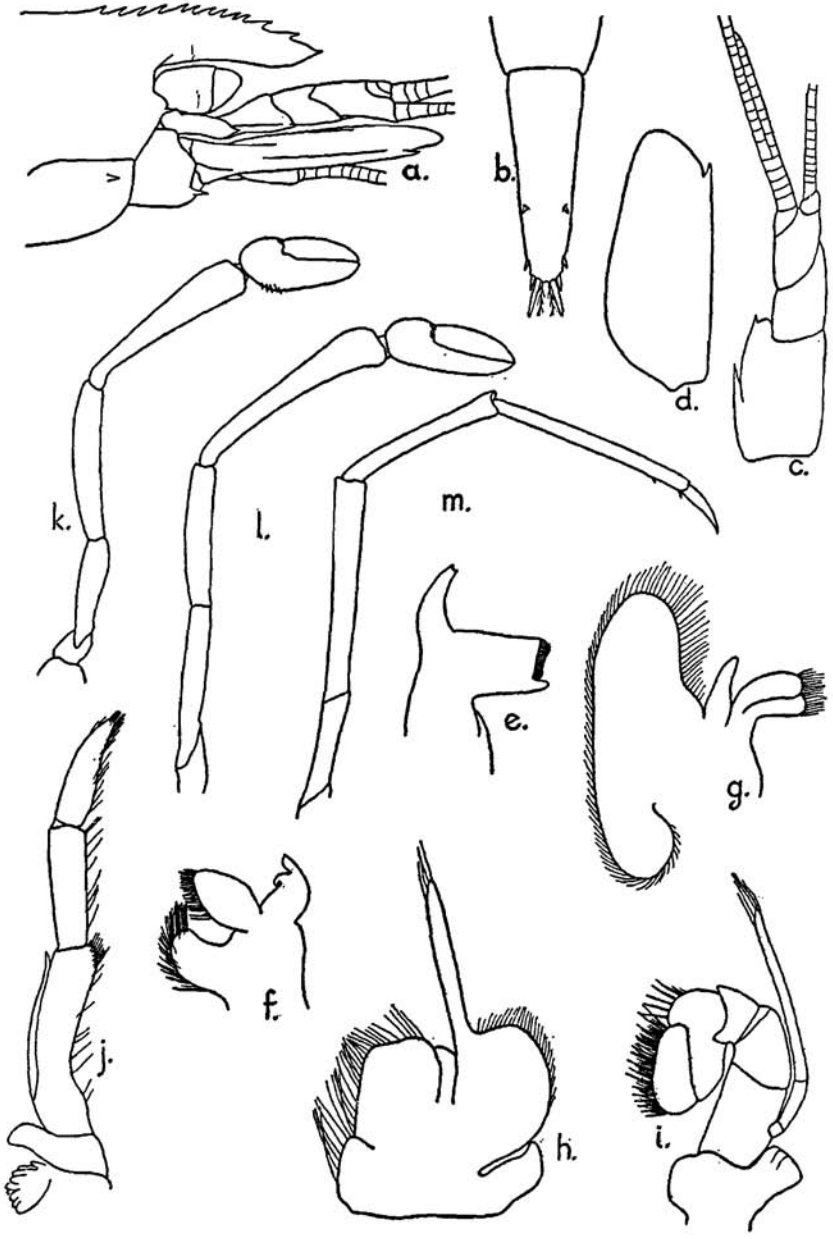


PLATE 50

Palaemonetes (Alaocaris) antrorum Benedict

(?), juvenile (?) specimen from Ezell's Cave. a, rostrum and eye in lateral view; b, antennula; c, antenna; d, mandible; e, maxillula; f, first maxilliped; g, second maxilliped; h, third maxilliped. a-c, h, x15; d-g, x20.

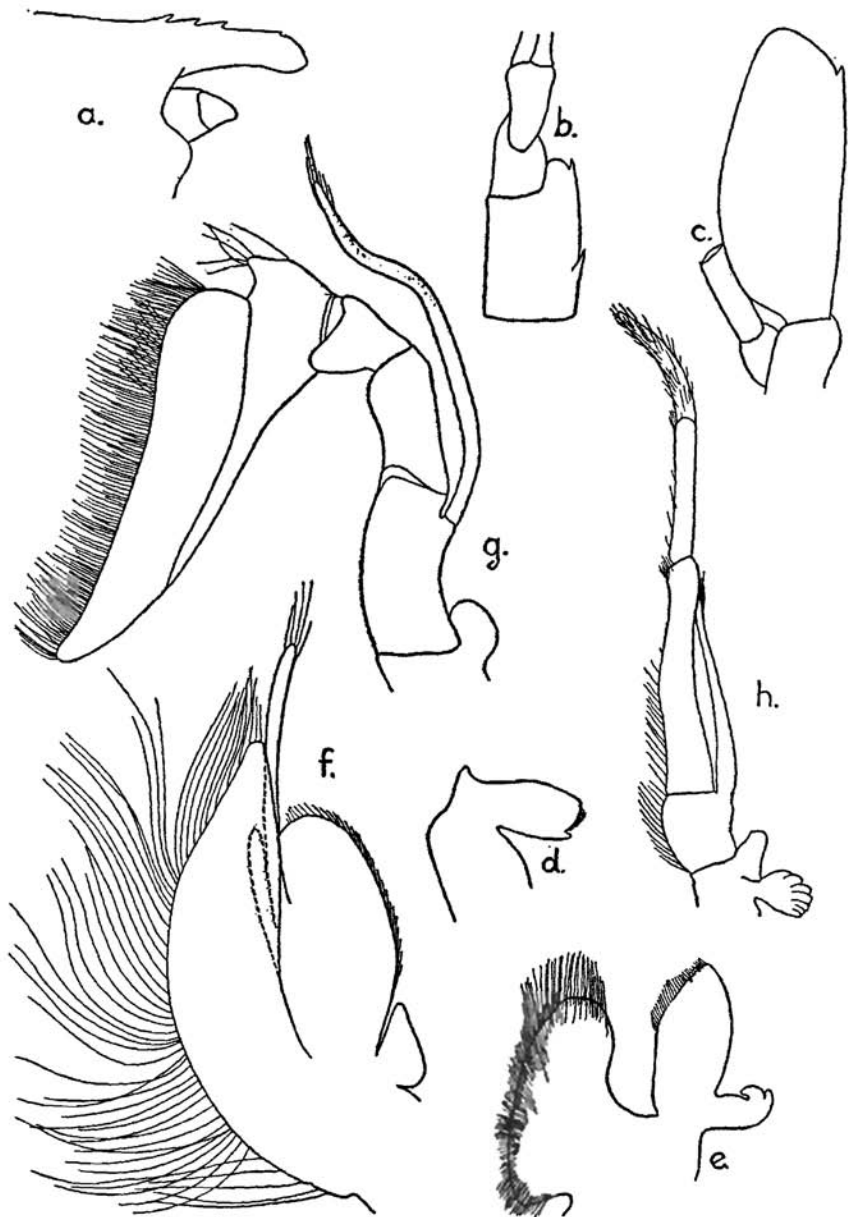


PLATE 51

Palaemonetes (Alaocaris) antrorum Benedict

(?), juvenile (?) specimen from Ezell's Cave. a, telson in dorsal view; b, first pereopod; c, second pereopod; d, third pereopod. a-d, x15.

Palaemonetes (Palaemonetes) paludosus (Gibbes)

e, anterior part of body in lateral view; f, telson in dorsal view; g, antennula; h, scaphocerite; i, second pereopod; j, third pereopod. e-j, x6.

Palaemonetes (Palaemonetes) kadiakensis Rathbun

k, anterior part of body in lateral view; l, telson in dorsal view; m, antennula; n, scaphocerite. k-n, x6.

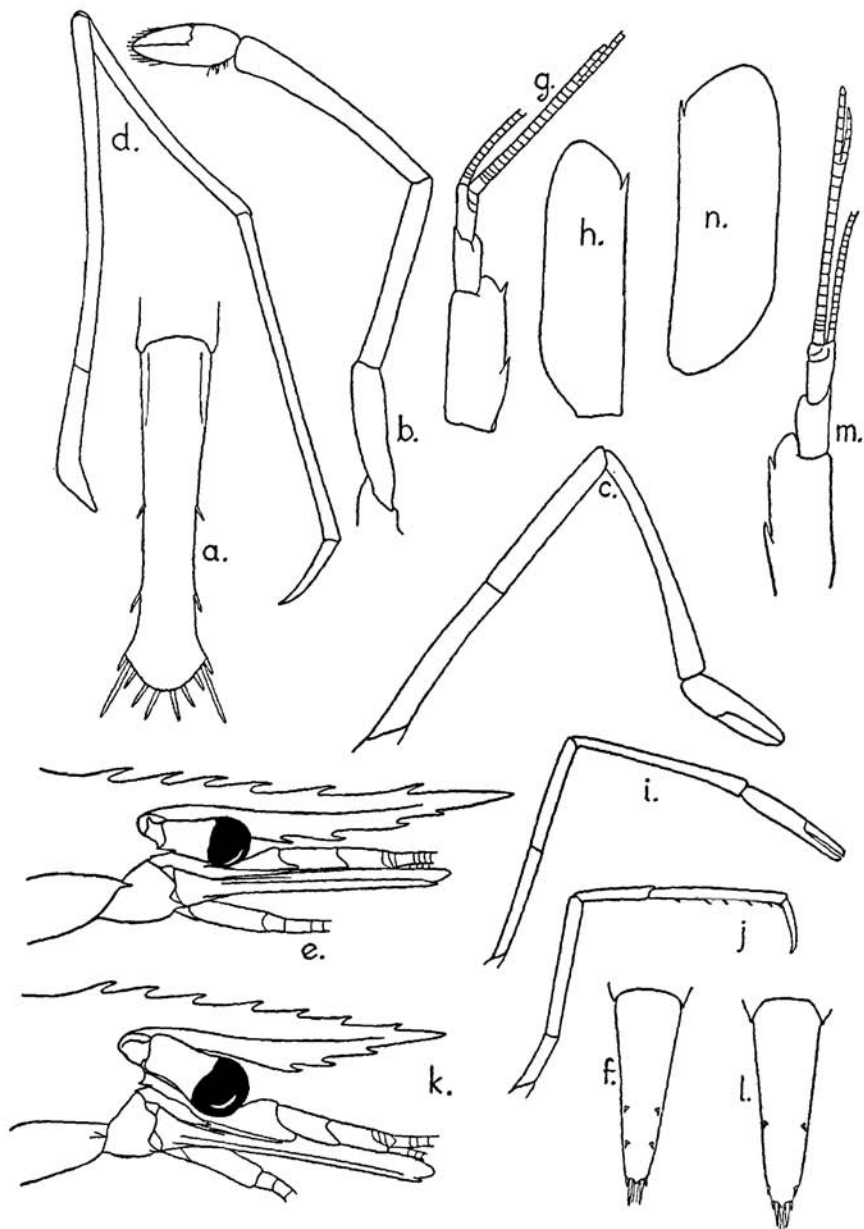


PLATE 52

Palaemonetes (Palaemonetes) kadiakensis Rathbun

a, second pereopod; b, third pereopod. a, b, x6.

Palaemonetes (Palaemonetes) carteri Gordon

c, anterior part of body in lateral view; d, telson in dorsal view; e, antennula; f, scaphocerite; g, mandible; h, maxillula; i, maxilla; j, first maxilliped; k, second maxilliped; l, third maxilliped; m, first pereopod; n, second pereopod; o, chela of second pereopod. c-f, l-p, x10; g-k, x25; o, x20.

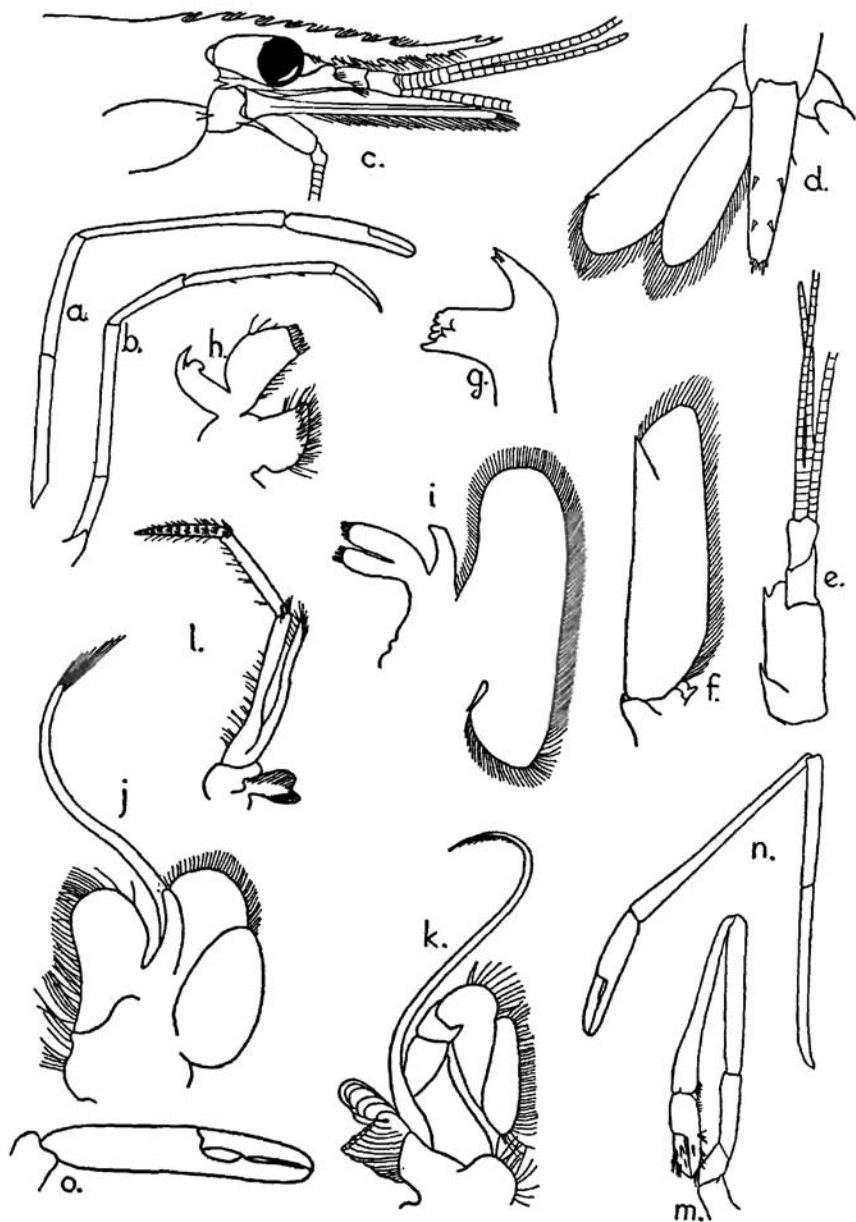


PLATE 53

Palaemonetes (Palaemonetes) carteri Gordon

a, third pereiopod; b, fifth pereiopod; c, first pleopod of male. a-c, x6.

Palaemonetes (Palaemonetes) ivonicus Holthuis

d, anterior part of body in lateral view; e, antennula; f, scaphocerite; g, second pereiopod; h, third pereiopod. d-h, x6.

Palaemonetes (Palaemonetes) argentinus Nobili

i, anterior part of body in lateral view; j, antennula; k, scaphocerite; l, second pereiopod; m, third pereiopod. i-m, x6.

Palaemonetes (Palaemonetes) hiltoni Schmitt

n, anterior part of body in lateral view; o, antennula; p, scaphocerite; q, second pereiopod; r, fingers of second pereiopod; s, third pereiopod. n-s, x6.

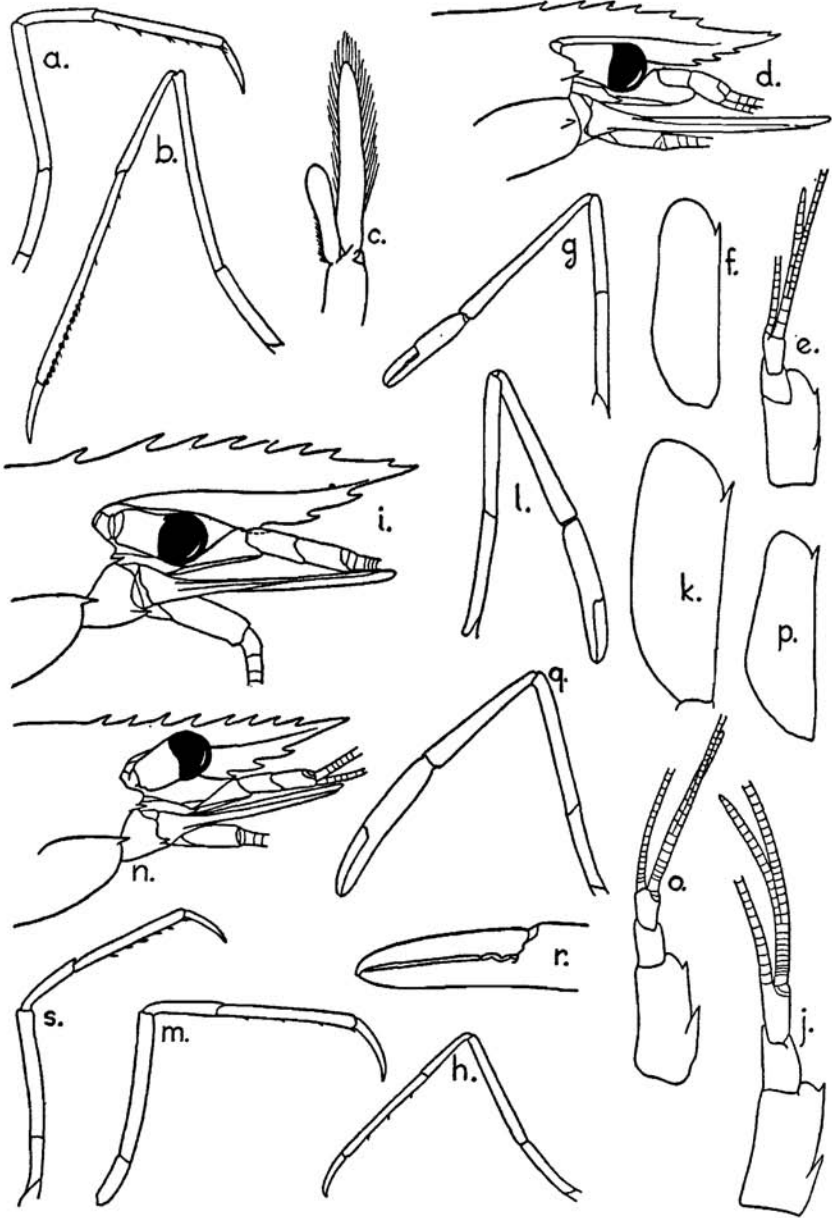


PLATE 54

Palaemonetes (Palaemonetes) schmitti Holthuis

a, anterior part of body in lateral view; b, antennula; c, scaphocerite; d, second pereopod; e, third pereopod. a-e, x6.

Palaemonetes (Palaemonetes) vulgaris (Say)

f, anterior part of body in lateral view; g, antennula; h, scaphocerite; i, second leg of female; j, second leg of male; k, fingers of second leg of female; l, third leg. f-l, x6.

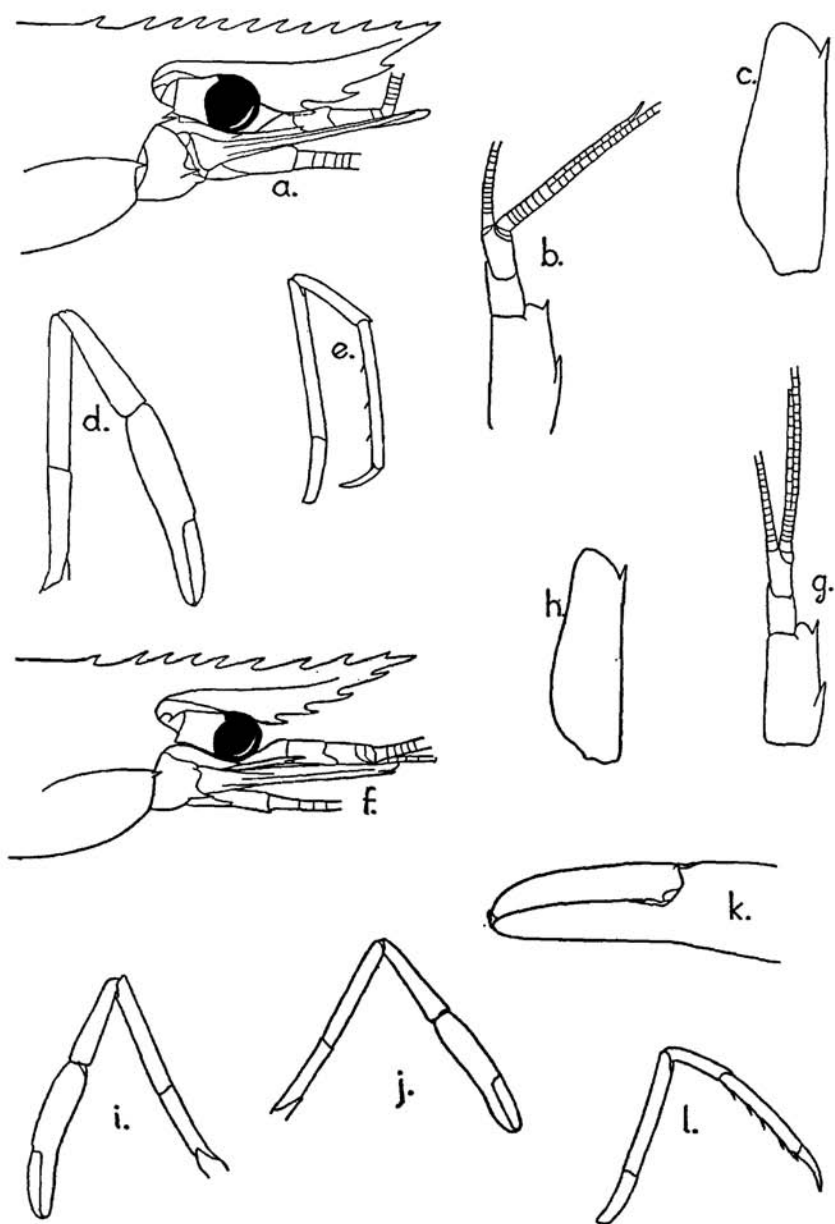


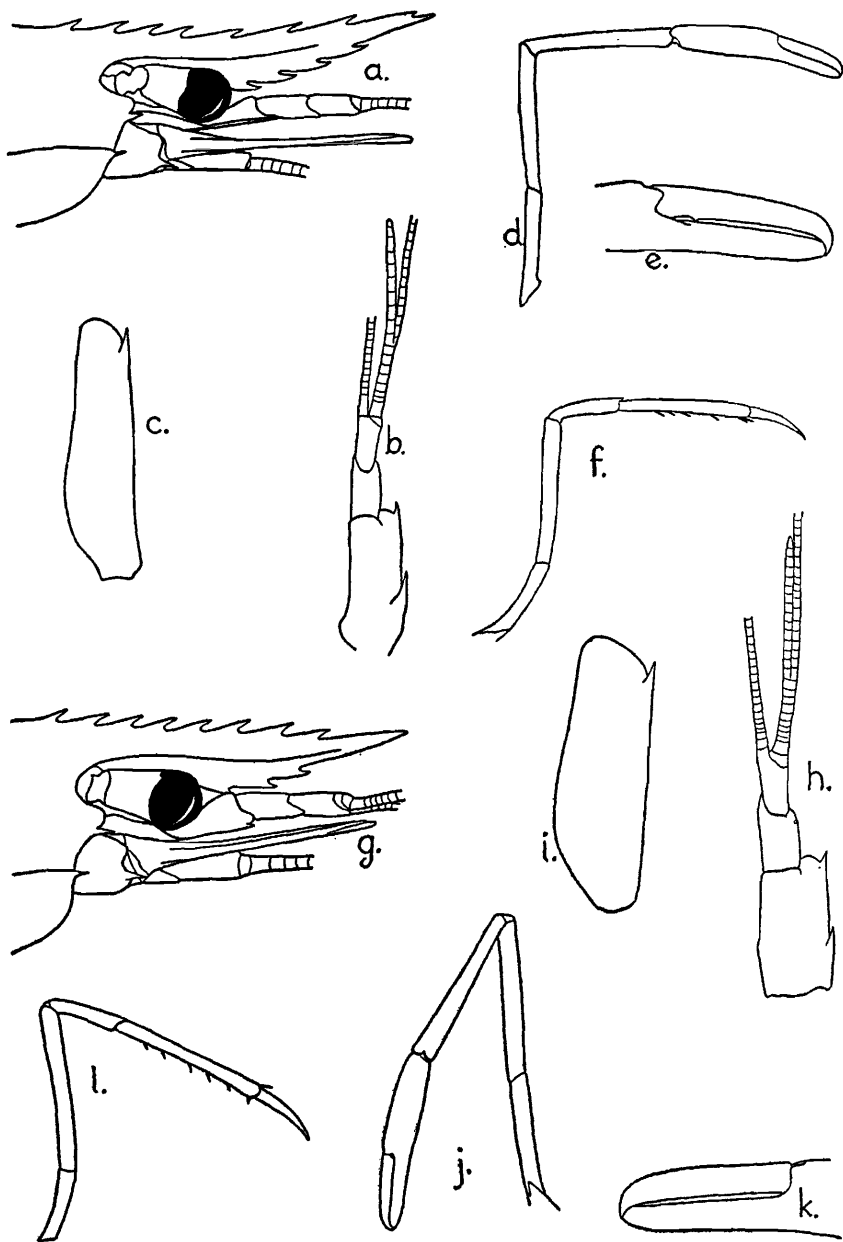
PLATE 55

Palaemonetes (Palaemonetes) intermedius Holthuis

a, anterior part of body in lateral view; b, antennula; c, scaphocerite; d, second pereopod of female; e, fingers of second pereopod of female; f, third pereopod. a-f, x6.

Palaemonetes (Palaemonetes) pugio Holthuis

g, anterior part of body in lateral view; h, antennula; i, scaphocerite; j, second pereopod of female; k, fingers of second pereopod of female; l, third pereopod. g-l, x6.





INDEX

Plate illustrations and descriptions are in bold face

- acanthurus**, *Bithynis*, 46, 47, 53
 Macrobrachium, 11, 14, 18, 24, 26,
 30, 32, 44, 45, 47, 48, 50, 52, 53,
 54, 56, 128, 292, 294
 Macrobranchium, 47, 54
 Palaemon, 24, 45, 46, 47, 53, 54, 55
 Palaemon (*Eupalaemon*), 47
acanthurus, var., *Palaemon*
 (*Eupalaemon*), 46, 53, 67, 69
acanthurus panamense, *Macrobrachium*,
 24, 25
advena, *Brachycarpus*, 3, 9
adpersus, *Penaeus*, 155, 166
affinis, *Leander*, 192, 193
 Palaemon, 157, 165, 192, 193, 196
africanum, *Macrobrachium*, 138
africanus, *Palaemon*, 138
Alaocaris, 1, 200, 202, 207
 (*Alaocaris*) *antrorum*, *Palaemonetes*,
 203, 207, 374, 376, 378
amazonicum, *Macrobrachium*, 11, 12,
 18, 19, 24, 28, 70, 126, 185, 280
amazonicus, *Bithynis*, 19
 Macrobrachium, 19, 23, 26
 Palaemon, 18, 19, 23, 24
 Palaemon (*Eupalaemon*), 19, 23,
 24, 25, 26, 28, 67, 69
americana major, *Crangon*, 114
 Squilla, 114
americanum, *Macrobrachium*, 10, 11,
 18, 39, 64, 112, 127, 128, 129, 130,
 131, 132, 338
americanus, *Palaemon*, 129
Anchistioides, 9
antrorum, *Palaemonetes*, 200, 202, 203,
 205, 206, 207
 Palaemonetes (*Alaocaris*), 203,
 374, 376, 378
appuni, *Bithynis*, 70, 74
 Palaemon, 18, 70, 74
appuni var. *aequatorialis*, *Palaemon*,
 79, 82
argentinus, *Palaemonetes*, 31, 32, 201,
 224, 226, 227
 Palaemonetes (*Palaemonetes*), 224,
 382
Astacus, 18, 95
 caementarius, 137
 carcinus, 114, 125
 fluviatilis major, 125
 fluviatilis major chelis aculeatis,
 114
 locusta, 155, 165, 166
 minor chelis denticulatus, 114
 (*Palaemon*) *jamaicensis*, 115
 serratus, 18, 95, 102
 squilla, 165
 (*Astacus*) *carcinus*, *Cancer*, 114
 Jamaicensis, *Cancer*, 36, 95, 114,
 125, 129
australe, *Macrobrachium*, 128
aztecus, *Bithynis*, 118
 Palaemon, 18, 115, 116, 117, 126
Bithynis, 142
 acanthurus, 46, 47, 53
 amazonicus, 19
 appuni, 70, 74
 aztecus, 118
 brasiliensis, 79, 83, 85
 caementaria, 138
 caementarius, 138, 142
 caementarius gaudichaudii, 138
 ensiculus, 19
 faustinus, 89
 forceps, 46, 53
 gaudichaudii, 138
 jamaicensis, 70, 74, 117, 118, 129
 jelskii, 26
 lamarrei, 19
 longimana, 138
 montezumae, 118
 nattereri, 83
 ohionis, 62
 olfersii, 89, 96, 103, 107, 110, 111
 savignyi, 3, 4, 9
 spinimanus, 89
 (*Bithynis*) **gaudichaudii**, *Palaemon*,
 138
 bithynis, *Probopyrus*, 23
 biungiculatus, *Brachycarpus*, 3, 4, 9,
 10, 126, 278
 Calymania, 4
 Palaemon, 3
 borellii, *Macrobrachium*, 13, 29, 31, 32,
 79, 82, 226, 284
 Palaemon, 29, 31, 224, 226
 bouvieri, *Pseudopalaemon*, 133, 136,
 340
 Brachycarpus, 1, 2, 9
 advena, 3, 9
 biungiculatus, 3, 4, 9, 10, 126, 278
 neapolitanus, 3
 savignyi, 3, 4
 (*Brachycarpus*) **jamaicensis**,

- Palaemon, 129, 131
 brachydactylus, Palaemon, 18, 115, 116, 126
 brachylabis, Palaemon, 192, 193, 196
 brasiliense, Macrobrachium, 16, 18, 78, 79, 82, 85, 314
 brasiliensis, Bithynis, 79, 83, 85
 Leander, 224, 226, 227
 Palaemon, 29, 31, 79, 82, 83, 224, 227
 Palaemon (Leander), 224
 brevicarpus, Palaemon, 23, 116, 117
 Palaemon, 18, 115, 126
 caementaria, Bithynis, 138
 caementarius, Astacus, 137
 Bithynis, 138, 142
 Cancer, 137
 Cryphiops, 136, 137, 139, 141, 142, 342, 344, 346
 Palaemon, 137, 138, 139
 caementarius gaudichaudii, Bithynis, 138
 caementarioides, Cancer, 137
 Calymene biunguiculatus, 4
 calcis, Palaemonetes, 144, 146, 150, 152, 205
 Troglocubanus, 144, 147, 148, 151, 152, 348
 Cancer, 114
 (Astacus) carcinus, 114
 (Astacus) jamaicensis, 36, 95, 114, 125, 129
 caementarius, 137
 caementarioides, 137
 carcinus, 114, 125
 cementarius, 137
 locusta, 166
 pennaceus, 155, 165
 squilla, 167
 carcinus, Astacus, 114, 125
 Cancer, 114, 125
 Cancer (Astacus), 114
 Macrobrachium, 11, 18, 23, 39, 64, 66, 74, 102, 114, 119, 126, 127, 128, 129, 130, 336, 338
 Palaemon, 114, 115, 118, 125
 caroliniana, Hippolyte, 207
 carolinus, Palaemon (Palaemonetes), 233
 Palaemonetes, 232, 233, 234, 235, 239, 240, 244, 248
 Palaemonopsis, 232
 carteri, Palaemonetes, 192, 201, 218, 222
 Palaemonetes (Palaemonetes), 218, 380, 382
 cementarius, Cancer, 137
 chevalieri, Macrobrachium, 73, 102
 coeruleascens, Hippolyte, 166
 consobrinus, Palaemon, 18, 95, 96, 102, 103
 Palaemon, 95
 Crangon, Americana major, 114
 Creaseria, 2, 152
 morleyi, 153, 356
 crenulatum, Macrobrachium, 11, 17, 102, 107, 110, 111, 112, 330, 332
 Cryphiops, 1, 136, 138, 142
 caementarius, 136, 137, 139, 141, 142, 342, 344, 346
 spinulosi-manus, 137
 spiuuloso-manus, 136, 137, 138, 141, 142
 cubanus, Palaemon, 18, 89, 94, 102
 cubensis, Leander, 188, 191
 Palaemon, 188, 191
 Palaemonetes, 188, 191, 192, 218
 dasydactylus, Palaemon, 18, 45, 51, 53
 desausuri, Palaemon, 95, 102, 103
 desausuri, Palaemon, 18, 96
 Dieperinkii, Palaemon, 18, 19
 digueti, Macrobrachium, 11, 17, 102, 103, 107, 328
 Palaemon, 103
 Dionyx, Leander, 128
 elegans, Palaemon, 192
 eigenmanni, Palaemonetes, 143, 146, 147, 205
 Troglocubanus, 144, 146, 147, 152, 350
 ensiculus, Bithynis, 19
 Palaemon, 18
 Epizoanthus, 6
 equatorialis, 18
 erraticus, Leander, 155, 156
 Palaemon (Leander), 157
 Eupalaemon, 53
 (Eupalaemon) acanthurus, Palaemon, 47
 acanthurus, var., Palaemon, 46, 53, 67, 69
 amazonicus, Palaemon, 19, 23, 24, 25, 26, 28, 67, 69
 nattereri, Palaemon, 79, 83
 praecox Palaemon, 39
 Euryrhynchinae, 1
 exilipes, Palaemon, 213
 exilipes, Palaemon (Palaemonetes), 208
 Palaemonetes, 207, 208, 211, 212, 213, 217
 Palaemonopsis, 207
 faustinum, Macrobrachium, 16, 18, 88, 90, 93, 94, 95, 98, 101, 102, 103, 127, 128, 320, 322
 Palaemon, 128
 faustinus, Bithynis, 89
 (Macrobrachium) Palaemon, 89
 Palaemon, 88, 89, 94, 96, 102

- Palaemon, 90
 felicinum, Macrobrachium, 102
 floridanus, Palaemon, 169, 197, 199
 Palaemon (Palaemon), 197, 372
 floridanus var. gigas, Probopyrus, 23
 fluviale, Macrobrachium, 132
 fluvialis, Palaemon, 18, 132, 338
 fluviatilis, Palaemon, 132
 fluviatilis major, Astacus, 125
 fluviatilis major chelis aculeatis,
 Astacus, 114
 forceps, Bithynis, 46, 53
 Palaemon, 45, 46, 47, 52, 53, 54, 90
 Palemon, 18, 45, 47, 128
 44, Cancer, 114
 fucorum, Latreutes, 166
 gallus, Macrobrachium, 15, 23, 26, 53,
 67
 Gammarus locusta, 166
 gaudichaudii, Bithynis, 138
 (Bithynis) Palaemon, 138
 Palaemon, 137, 138
 Palemon, 137
 gaudichaudii var. caementarius,
 Palaemon, 138
 gibarensis, Palaemonetes, 149, 205
 Troglocubanus, 144, 149, 352
 gladiator, Palaemon, 168, 178, 181, 182,
 183
 Palaemon (Palaemon), 178, 364
 gracilis, Leander, 56, 183
 Palaemon, 23, 56, 168, 185, 186, 187,
 192
 Palaemon (Leander), 183
 Palaemon (Palaemon), 183, 366
 grandimanus, Palaemon, 74
 hancocki, Macrobrachium, 11, 17, 102,
 111, 113, 130, 334
 Palaemon, 168, 185, 187
 Palaemon (Palaemon), 185, 368
 hastatus, Palaemon, 169, 172
 Palaemon (Nematopalaemon), 172
 heterocheirus, Palaemon, 70
 heterochirus, Macrobrachium, 10, 11,
 15, 18, 61, 69, 70, 74, 75, 306, 308
 Palaemon, 69, 70, 73, 74
 hiltoni, Palaemonetes, 201, 227
 Palaemonetes (Palaemonetes), 227,
 382
 Hippolyte, 212
 caroliniana, 207
 coerulescens, 166
 paludosa, 207, 217
 tenuirostris, 157
 Hippolysmata paludosa, 207
 hispidus, Stenopus, 56
 iheringi, Macrobrachium, 16, 78, 85, 86,
 318
 Palaemon, 85, 86
 Pseudopalaemon, 133, 136
 inca, Macrobrachium, 14, 17, 36, 132,
 288
 inermis, Palaemonetes, 150, 205
 Troglocubanus, 143, 146, 150, 354
 intermedius, Palaemonetes, 202, 240,
 241, 248
 Palaemonetes (Palaemonetes), 241,
 386
 ivonicus, Palaemonetes, 201, 222
 Palaemonetes (Palaemonetes), 222,
 382
 jamaicense, Macrobrachium, 18, 36, 39,
 118, 119, 125, 127, 129, 132
 Macrobrachium, 129
 jamaicensis, Astacus (Palaemon), 115
 Bithynis, 70, 74, 117, 118, 129
 Cancer (Astacus), 36, 95, 114, 129
 (Macrobrachium) Palaemon, 116
 Palaemon, 23, 89, 94, 95, 96, 115,
 116, 117, 118, 119, 126, 127,
 128, 129
 Palaemon (Brachycarpus), 129, 131
 Palaemon (Macroterochir), 118
 Palaemon, 115, 116, 118, 129
 jamaicensis aztecus, Palaemon, 118
 jelskii, Bithynis, 26
 Macrobrachium, 13, 23, 26, 28, 284
 Palaemon, 23, 26
 Justitia longimana, 127
 kadiakensis, Palaemonetes, 201, 209,
 212, 213, 217
 Palaemonetes (Palaemonetes), 212,
 214, 378, 380
 Lamarrei, Bithynis, 19
 Macrobrachium, 22
 Palaemon, 18, 19, 22, 23, 24, 46, 183,
 185
 Palemon, 18, 22, 23, 126
 laminatus, Palaemon, 18, 116, 117
 lar, Macrobrachium, 128
 latirostris, (Leander) Palaemon, 157
 Palaemon, 156
 Palemon, 156
 Latreutes fucorum, 166
 Leander, 2, 9, 154, 191
 affinis, 192, 193
 brasiliensis, 224, 226, 227
 cubensis, 188, 191
 dionyx, 128
 erraticus, 155, 156
 gracilis, 56, 183
 lepidus, 128
 longirostris, 177
 natator, 156, 157, 158, 159, 162
 northropi, 192, 196
 pandaliformis, 187, 188, 191
 paulensis, 157, 164, 165
 petitinga, 187

- Potitinga, 187, 188, 191
 ritteri, 173
 tenuicornis, 155, 156, 157, 158, 159,
 164, 165, 166, 167, 196, 197,
 358, 360
 tenuipes, 169
 (Leander) brasiliensis, Palaemon, 224
 erraticus, Palaemon, 157
 gracilis, Palaemon, 183
 latirostris, Palaemon, 157
 natator, Palaemon, 157
 potitinga, Palaemon, 187
 tenuicornis, Palaemon, 157
 vulgaris, Palaemon, 232, 240
 Leandrites, 9
 lepidus, Leander, 128
 locusta, Astacus, 155, 165, 166
 Cancer, 166
 Gammarus, 166
 Palaemon, 155, 156
 Palemon, 156
 longidigitum, Macrobrachium, 18, 45,
 53
 Palaemon, 46
 longidigitus, Palaemon, 46
 longimana, Bithynis, 138
 Justitia, 127
 longimanus, Palinurus, 127
 longipes, Palaemon, 18, 54, 56
 longirostris, Leander, 177
 Palaemon, 177
 macrobrachion, Macrobrachium, 53
 (Macrobrachion) faustinus, Palaemon,
 89
 jamaicensis, Palaemon, 116
 Macrobrachium, 1, 10, 12, 18, 23, 39, 40,
 41, 47, 63, 66, 82, 94, 128, 132, 133,
 134, 136, 139, 140, 153, 161, 167, 200
 acanthurus, 11, 14, 18, 24, 26, 30,
 32, 44, 45, 47, 48, 50, 52, 53, 54,
 56, 128, 292, 294
 acanthurus panamense, 24, 25
 africanum, 138
 amazonicum, 11, 12, 18, 19, 24, 28,
 70, 126, 185, 280
 amazonicus, 19, 23, 26
 americanum, 10, 11, 18, 39, 64, 112,
 127, 128, 129, 130, 131, 132, 338
 australe, 128
 borellii, 13, 29, 31, 32, 79, 82, 226,
 284
 brasiliense, 16, 18, 78, 79, 82, 85, 314
 carcinus, 11, 18, 23, 39, 64, 66, 74,
 102, 114, 119, 126, 127, 128, 129,
 130, 336, 338
 chevalieri, 73, 102
 crenulatum, 11, 17, 102, 107, 110,
 111, 112, 330, 332
 digueti, 11, 17, 102, 103, 107, 328
 faustinum, 16, 18, 88, 90, 93, 94, 95,
 98, 101, 102, 103, 127, 128, 320,
 322
 felicinum, 102
 fluviale, 132
 gallus, 15, 23, 26, 53, 67
 hancocki, 11, 17, 102, 111, 113, 130,
 334
 heterochirus, 10, 11, 15, 18, 61, 69,
 70, 74, 75, 306, 308
 iheringi, 16, 78, 85, 86, 318^r
 inca, 14, 17, 36, 132, 288
 jamaicense, 18, 36, 39, 118, 119, 125,
 127, 129, 132
 jelskii, 13, 23, 26, 28, 284
 lamarrei, 22
 lar, 128
 longidigitum, 18, 45, 53
 macrobrachion, 53
 mexicanum, 18, 47, 54
 nattereri, 16, 76, 78, 79, 83, 85, 316
 occidentale, 11, 15, 59, 61, 74, 75,
 310
 ohione, 11, 13, 15, 18, 62, 63, 64, 65,
 304
 ohionis, 62, 63, 66, 119
 olfersi, 11, 17, 18, 78, 93, 94, 95, 97,
 102, 103, 104, 107, 121, 127, 324,
 326
 olfersii, 89, 90, 94, 96, 97, 102, 107,
 110, 111, 113, 127
 panamense, 11, 12, 23, 24, 25, 26, 53,
 55, 56, 69, 282
 potinua, 76
 potiuna, 16, 32, 76, 78, 79, 85, 87, 88,
 312
 praecox, 14, 39, 42, 294
 quelchi, 13, 32, 286
 rathbunae, 14, 42, 56, 290
 savignyi, 4
 species, 57, 59, 90, 94
 surinamicum, 11, 15, 57, 61, 300
 tenellum, 11, 15, 18, 24, 44, 53, 54,
 56, 296, 298
 transandicum, 11, 15, 59, 302
 vollenhoveni, 127
 yui, 126
 zariquieyi, 102
 (Macrobrachium) olfersii, Palaemon,
 97
 Quelchi, Palaemon, 32
 Macrobrachium acanthurus, 47, 54
 jamaicense, 129
 olfersii, 111
 (Macroterocher) jamaicensis,
 Palaemon, 118
~~Maregraf, Potipema, 114~~
 mexicanum, Macrobrachium, 18, 47, 54

- mexicanus*, Palaemon, 23, 25, 45, 46, 47, 52, 53, 54, 162
minor chelis denticulatus, Astacus, 114
minutus, Planes, 162
montezumae, Bithynis, 118
 Palaemon, 3, 10, 18, 115, 116, 117, 126
morleyi, Creaseria, 153, 356
 Palaemon, 153
natator, Leander, 156, 157, 158, 159, 162
 Palaemon, 156, 157, 158, 159
 (Palaemon) Leander, 157
 Palaemon, 156
nattereri, Bithynis, 83
 Macrobrachium, 16, 76, 78, 79, 83, 85, 316
 Palaemon, 76, 79, 82, 83, 85
nattereri (Eupalaemon), Palaemon, 79, 83
neapolitanus, Brachycarpus, 3
Nematopalaemon, 2, 167, 168, 169
 (Nematopalaemon) schmitti, Palaemon, 169, 172, 362
 (Nematopalaemon) tenuipes, Palaemon, 172
northropi, Leander, 192, 196
 Palaemon, 165, 169, 196, 197, 199, 240
 Palaemon (Palaeander), 192, 193, 370
occidentale, Macrobrachium, 11, 15, 59, 61, 74, 75, 310
ohioensis, Palaemon, 62
ohione, Macrobrachium, 11, 13, 15, 18, 62, 63, 64, 65, 304
ohionis, Bithynis, 62
 Macrobrachium, 62, 63, 66, 119
 Palaemon, 62, 119
olfersi, Macrobrachium, 11, 17, 18, 78, 93, 94, 95, 97, 102, 103, 104, 107, 111, 121, 127, 324, 326
 Palaemon, 96, 97
olfersii, Bithynis, 89, 96, 103, 107, 110, 111
 Macrobrachium, 89, 90, 94, 96, 97, 102, 107, 111, 113
 Macrobrachium, 111
 Palaemon, 89, 94, 95, 96, 102, 107, 110, 111, 113, 117, 127
 Palaemon (Macrobrachium), 97
orientalis, Palaemonella, 4, 9
ornatus, Palaemon, 127
 Palaemon, 18, 118, 127
Palaeander, 2, 167, 168, 192, 194
 (Palaeander) floridanus, Palaemon, 197, 372
 northropi, Palaemon, 192, 193, 370
Palaemon, 2, 18, 23, 143, 153, 161, 168, 172, 177, 191, 192, 194, 200, 227
acanthurus, 24, 45, 46, 47, 53, 54, 55
acanthurus var. (Eupalaemon), 46, 53, 67, 69
affinis, 157, 165, 192, 193, 196
africanus, 138
amazonicus, 18, 19, 23, 24
amazonicus (Eupalaemon), 19, 23, 24, 25, 26, 28, 67, 69
americanus, 129
appuni, 18, 70, 74
appuni var. *aequatorialis*, 79, 82
aztecus, 18, 115, 116, 117, 126
 (Bithynis) *gaudichaudii*, 138
biunguiculatus, 3
borellii, 29, 31, 224, 226
 (Brachycarpus) *jamaicensis*, 129, 131
brachydactylus, 18, 115, 116, 126
brachylabis, 192, 193, 196
brasilienis, 29, 31, 79, 82, 83, 224, 227
brevicarpus, 23, 116, 117
caementarius, 137, 138, 139
carcinus, 114, 115, 118, 125
consobrinus, 18, 95, 96, 102, 103
cubanus, 18, 89, 94, 102
cubensis, 188, 191
dasydactylus, 18, 45, 51, 53
desausuri, 95, 102, 103
desausuri, 18, 96
Dieperinkii, 18, 19
Digueti, 103
elegans, 192
ensiculus, 18
 (Eupalaemon) *acanthurus*, 47
 acanthurus var., 46, 53, 67, 69
 amazonicus, 19, 23, 24, 25, 26, 28, 67, 69
 nattereri, 79, 83
 praecox, 39
exilipes, 213
faustinus, 88, 89, 90, 94, 96, 102
faustinus (Macrobrachion), 89
floridanus, 169, 197, 199
fluvialis, 18, 132, 338
fluviatilis, 132
forceps, 45, 46, 47, 52, 53, 54, 90
gaudichaudii, 137, 138
gaudichaudii var. *caementarius*, 138
gladiator, 168, 178, 181, 182, 183, 364
gracilis, 23, 56, 168, 185, 186, 187, 192
grandimanus, 74
hancocki, 168, 185, 187
hastatus, 169, 172
heterocheirus, 70
heterochirus, 69, 70, 73, 74

- iheringi, 85, 86
 jamaicensis, 23, 89, 94, 95, 96, 115,
 116, 117, 118, 119, 126, 127, 128,
 129
 jamaicensis aztecus, 118
 jelskii, 23, 26
 Lamarrei, 18, 19, 22, 24, 46, 183,
 185
 laminatus, 18, 116, 117
 latirostris, 156
 (Leander) brasiliensis, 224
 erraticus, 157
 gracilis, 183
 latirostris, 157
 natator, 157
 pandaliformis, 187
 savignyi, 3, 4
 tenuicomis, 157
 vulgaris, 192, 196, 232, 240
 locusta, 155, 156
 longidigitum, 46
 longidigitum, 46
 longipes, 18, 54, 56
 longirostris, 177
 (Macrobrachion) faustinus, 89
 Jamaicensis, 116
 (Macrobrachium) olfersii, 97
 quelchi, 32
 (Macroterocheir) jamaicensis, 118
 mexicanus, 23, 25, 45, 46, 47, 52, 53,
 54, 162
 montezumae, 3, 10, 18, 115, 116, 117,
 126
 morleyi, 153
 (Nematopalaemon) hastatus, 172
 schmitti, 169, 172, 362
 tenuipes, 172
 natator, 156, 157, 158, 159
 nattereri, 76, 79, 82, 83, 85
 northropi, 165, 169, 196, 197, 199,
 240
 ohioensis, 62
 ohionis, 62, 119
 olfersi, 96, 97
 olfersii, 89, 94, 95, 96, 102, 107, 110,
 111, 113, 117, 127
 ornatus, 127
 (Palaeander) floridanus, 197, 372
 northropi, 192, 193, 370
 (Palaeon) Astacus, jamaicensis,
 115
 gladiator, 178, 364
 gracilis, 183, 366
 hancocki, 185, 368
 pandaliformis, 187, 188, 368
 peruanus, 181, 366
 ritteri, 173, 364
 (Palaemonetes) carolinus, 233
 exilipes, 208
 paludosus, 208
 vulgaris, 233
 pandaliformis, 168, 185, 222
 paulensis, 157, 158, 159, 164, 165,
 192, 196
 peruanus, 168, 181
 potiete, 18, 46
 potinua, 76
 potiporanga, 18, 96
 potitinga, 188, 191
 potiuna, 76
 punctatus, 18, 115, 126
 Quelchi, 32
 ritteri, 168, 173, 177, 178, 180, 181,
 182, 183
 sallei, 18, 62
 savignyi, 3, 4
 schmitti, 168, 169, 172
 semmelinkii, 178
 sexdentatus, 18, 45, 46, 53
 species, 178, 180
 spinimanus, 18, 88, 89, 90, 94, 95,
 96, 127
 sprinienamus, 127
 swainsonii, 18, 45
 tenellus, 54, 56
 tenuicornis, 155, 156, 158, 159, 164,
 165
 tenuipes, 169, 172
 tenuirostris, 156, 158
 torensis, 156
 varians, 200
 vulgaris, 192, 196, 231, 232, 234, 240
 Palaemonella orientalis, 4, 9
 rathbunensis, 4
 Palaemonidae, 1
 Palaemonetes, 1, 143, 191, 192, 199, 200,
 201, 203, 205, 207, 212, 217, 227, 229,
 239, 240, 241
 (Alaocaris) antrorum, 203, 207,
 374, 376, 378
 antrorum, 200, 202, 203, 205, 206,
 207
 argentinus, 31, 32, 201, 224, 226,
 227
 calcis, 144, 146, 150, 152, 205
 carolinus, 232, 233, 234, 235, 239,
 240, 244, 248
 carteri, 192, 201, 218, 222
 cubensis, 188, 191, 192, 218
 eigenmanni, 143, 146, 147, 205
 exilipes, 207, 208, 211, 212, 213, 217
 gibarensis, 149, 205
 hiltoni, 201, 227
 inermis, 150, 205
 intermedius, 202, 240, 241, 248
 ivonicus, 201, 222
 kadiakensis, 201, 209, 212, 213, 217
 paludosa, 207, 208, 212, 213, 217

- paludosus, 201, 212, 213, 214, 217, 218
 pugio, 202, 229, 239, 240, 242, 244, 248, 249
 schmitti, 202, 229
 species, 229
 vulgaris, 202, 231, 232, 233, 234, 235, 239, 240, 241, 242, 244, 245, 246, 248
- Palaemonetes (Palaemonetes)**
 argentinus, 224, 382
 carteri, 218, 380, 382
 hiltoni, 227, 382
 intermedius, 241, 386
 ivonicus, 222, 382
 kadiakensis, 212, 214, 378, 380
 paludosus, 207, 208, 378
 pugio, 244, 386
 schmitti, 229, 384
 vulgaris, 231, 235, 384
- (Palaemonetes) carolinus, Palaemon, 233
 exilipes, Palaemon, 208
 paludosus, 208, 378
- Palaemoninae**, 1
- Palaemonopsis carolinus**, 232
 exilipes, 207
 vulgaris, 232
- Palaemon brevicarpus**, 18, 115, 126
 consobrinus, 95
 faustinum, 128
 faustinus, 90
 forceps, 18, 45, 47, 128
 gaudichaudii, 137
 jamaicensis, 115, 116, 118, 129
 lamarrei, 18, 22, 23, 126
 latirostris, 156
 locusta, 156
 natator, 156
 ornatus, 18, 118, 127
 punctatus, 115
 spinimanus, 95
 tenuicornis, 156
 tenuirostre, 156
 vulgaris, 231, 232
- Palinurus longimanus**, 127
- paludosa**, Hippolytinae, 207
 Hippolyte, 207, 217
 Palaemonetes, 207, 208, 212, 213, 217
- paludosus**, Palaemon (Palaemonetes), 208
 Palaemonetes, 201, 212, 213, 214, 217, 218
 Palaemonetes (Palaemonetes), 207, 208, 378
- pandaliformis**, Leander, 187, 188, 191
 Palaemon, 168, 185, 222
- Palaemon (Palaemon), 187, 188, 368
- Pandalus tenuicornis**, 157
- panamense**, Macrobrachium, 11, 12, 23, 24, 25, 26, 53, 55, 56, 69, 282
- parasiticus**, Periclimenes, 157, 167
- paulensis**, Leander, 157, 164, 165
 Palaemon, 157, 158, 159, 164, 165, 192, 196
- Pavonia**, 6, 7
- Penaeus adpersus**, 155, 166
 punctatissimus, 155, 166, 167
- Penée ponctué**, 155
- Penaeus sentiferus**, 244
- pennaceus**, Cancer, 155, 165
- Periclimenes**, 128
 parasiticus, 157, 167
 portoricensis, 119, 128
 tenuipes, 157, 167
- peruanus**, Palaemon, 168, 181
 Palaemon (Palaemon), 181, 366
- petitinga**, Leander, 187
- Plagusia**, 177
- Planes minutus**, 162
- Pocillopora**, 6
- ponctué**, Penée, 155
- Porites**, 7
- portoricensis**, Periclimenes, 119, 128
- potiété**, Palaemon, 18, 46
- potinua**, Macrobrachium, 76
 Palaemon, 76
- Potipema**, ~~Macrobrachium~~, 114
- potiporanga**, Palaemon, 18, 96
- potitinga**, Leander, 187, 188, 191
 Palaemon, 188, 191
 Palaemon (Leander), 187
- potiuna**, Macrobrachium, 16, 32, 76, 78, 79, 85, 87, 88, 312
 Palaemon, 76
- praecox**, Macrobrachium, 14, 39, 42, 294
 Palaemon (Eupalaemon), 39
- Probopyrus bithynis**, 23
 floridensis var. gigas, 23
- Pseudopalaemon**, 1, 133
 bouvieri, 133, 136, 340
 Iheringi, 133, 136
- pugio**, Palaemonetes, 202, 229, 239, 240, 242, 244, 248, 249
 Palaemonetes (Palaemonetes), 244, 386
- punctatus**, Palaemon, 18, 115, 126
 Palaemon, 115
- punctatissimus**, Penaeus, 155, 166, 167
 quelchi, Macrobrachium, 13, 32, 286
 Palaemon, 32
 Palaemon (Macrobrachium), 32
- rathbunae**, Macrobrachium, 14, 42, 56, 290
- rathbunensis**, Palaemonella, 4

- ritteri, Leander, 173
 Palaemon, 168, 173, 177, 178, 180,
 181, 182, 183
 Palaemon (Palaemon), 173, 364
 sallei, Palaemon, 18, 62
 Sargassum, 162, 166
 savignyi, Bithynis, 3, 4, 9
 Brachycarpus, 3, 4
 Macrobrachium, 4
 Palaemon, 3, 4
 schmitti, Palaemon, 168, 169, 172
 Palaemon (Nematopalaemon), 169,
 172, 362
 Palaemonetes, 202, 229
 Palaemonetes (Palaemonetes), 229,
 384
 semmelinkii, Palaemon, 178
 sentiferus, Peneus, 244
 serratus, Astacus, 18, 95, 102
 sexdentatus, Palaemon, 18, 45, 46, 53
 species, Macrobrachium, 57, 59, 90, 94
 Palaemon, 178, 180
 Palaemonetes, 229
 spinimanus, Bithynis, 89
 Palaemon, 18, 88, 89, 90, 94, 95, 96,
 127
 Palaemon, 95
 spinulosi-manus, Cryphiops, 137
 spinuloso-manus, Cryphiops, 136, 137,
 138, 141, 142
 sprinienanus, Palaemon, 127
 Squilla, Crangon, Americana major,
 114
 squilla, Astacus, 165
 Cancer, 167
 Stenopus hispidus, 56
 surinamicum, Macrobrachium, 11, 15,
 57, 61, 300
 swainsonii, Palaemon, 18, 45
 tenellum, Macrobrachium, 11, 15, 18,
 24, 44, 53, 54, 56, 296, 298
 tenellus, Palaemon, 54, 56
 tenuicornis, Palaemon (Leander), 157
 tenuicornis, Leander, 155, 156, 157, 158,
 159, 164, 165, 166, 167, 196, 197,
 358, 360
 Palaemon, 155, 156, 158, 159, 164,
 165
 Palaemon, 156
 Pandalus, 157
 tenuipes, Leander, 169
 Palaemon, 169, 172
 Palaemon (Nematopalaemon), 172
 Periclimenes, 157, 167
 tenuirostre, Palaemon, 156
 tenuirostris, Hippolyte, 157
 Palaemon, 156, 158
 torensis, Palaemon, 156
 transandicum, Macrobrachium, 11, 15,
 59, 302
 Troglodubanus, 1, 143, 205
 calcis, 144, 147, 148, 151, 152, 348
 eigenmanni, 144, 146, 147, 152, 350
 gibarensis, 144, 149, 352
 inermis, 143, 146, 150, 354
 2, Astacus, 114
 varians, Palaemon, 200
 vollenhoveni, Macrobrachium, 127
 vulgaris, Palaemon, 192, 196, 231, 232,
 234, 240
 Palaemon (Leander), 232, 240
 Palaemonetes, 202, 232, 233, 234,
 235, 239, 240, 241, 242, 244, 245,
 246, 248
 Palaemonetes (Palaemonetes), 231,
 235, 384
 Palaemonopsis, 232
 Palaemon, 231, 232
 yui, Macrobrachium, 126
 zariguiyi, Macrobrachium, 102