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OPINIONS AND DECLARATIONS RENDERED BY THE INTER- NATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

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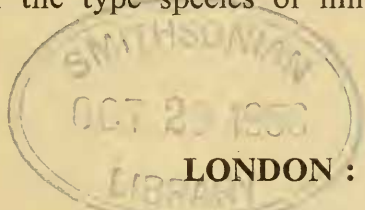
FRANCIS HEMMING, C.M.G., C.B.E.

Secretary to the Commission

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DIRECTION 36

Addition to the *Official List of Specific Names in Zoology* (a) of the specific names of the type species of one hundred and seventy genera of the Order Decapoda (Class Crustacea), the names of which were placed on the *Official List of Generic Names in Zoology* in the period up to the end of 1936 and (b) of the specific names currently treated as senior subjective synonyms of the names of the type species of nine other such genera.



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INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

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DIRECTION 36

ADDITION TO THE "OFFICIAL LIST OF SPECIFIC NAMES IN ZOOLOGY" (a) OF THE SPECIFIC NAMES OF THE TYPE SPECIES OF ONE HUNDRED AND SEVENTY GENERA OF THE ORDER DECAPODA (CLASS CRUSTACEA), THE NAMES OF WHICH WERE PLACED ON THE "OFFICIAL LIST OF GENERIC NAMES IN ZOOLOGY" IN THE PERIOD UP TO THE END OF 1936 AND (b) OF THE SPECIFIC NAMES CURRENTLY TREATED AS SENIOR SUBJECTIVE SYNONYMS OF THE NAMES OF THE TYPE SPECIES OF NINE OTHER SUCH GENERA

RULING :—(1) The under-mentioned specific names of species of the Order Decapoda (Class Crustacea), each of which is the type species of a genus, the name of which was placed on the *Official List of Generic Names in Zoology* in the period up to the end of 1936 by the Rulings given in the *Opinions* cited below, are hereby placed on the *Official List of Specific Names in Zoology* with the Names Numbers severally specified against the names in question :—

- (1) *gayi* Milne Edwards (H.) & Lucas, [1844], as published in the combination *Acanthocyclus gayi* (specific name of type species of *Acanthocyclus* Milne Edwards (H.) & Lucas, [1844]) (*Opinion* 73) (Name No. 765) ;
- (2) *erosa* Miers, [1877], as published in the combination *Actaeomorpha erosa* (specific name of type species of *Actaeomorpha* Miers, [1877]) (*Opinion* 73) (Name No. 766) ;
- (3) *tomentosus* Dana, 1852, as published in the combination *Actumnus tomentosus* (specific name of type species of *Actumnus* Dana, 1851) (*Opinion* 73) (Name No. 767) ;

- (4) *erinaceus* Fabricius, 1787, as published in the combination *Cancer erinaceus* (specific name of type species of *Arcania* Leach, 1817) (*Opinion 73*) (Name No. 768) ;
- (5) *sexdentatus* Paulson, 1875, as published in the combination *Archias sexdentatus* (specific name of type species of *Archias* Paulson, 1875) (*Opinion 73*) (Name No. 769) ;
- (6) *cribrarius* Lamarck, 1818, as published in the combination *Portunus cribrarius* (specific name of type species of *Arenaeus* Dana, 1851) (*Opinion 73*) (Name No. 770) ;
- (7) *integerrimus* Lamarck, 1818, as published in the combination *Cancer integerrimus* (specific name of type species of *Atergatis* de Haan, [1833]) (*Opinion 73*) (Name No. 771) ;
- (8) *signatus* Adams & White, [1849], as published in the combination *Carpilius signatus* (specific name of type species of *Atergatopsis* Milne Edwards (A.), 1862) (*Opinion 73*) (Name No. 772) ;
- (9) *armata* Milne Edwards (A.), 1869, as published in the combination *Banareia armata* (specific name of type species of *Banareia* Milne Edwards (A.), 1869) (*Opinion 73*) (Name No. 773) ;
- (10) *picta* Milne Edwards (H.), 1848, as published in the combination *Bellia picta* (specific name of type species of *Bellia* Milne Edwards (H.), 1848) (*Opinion 73*) (Name No. 774) ;
- (11) *hemingi* Alcock & Anderson, 1899, as published in the combination *Benthochascon hemingi* (specific name of type species of *Benthochascon* Alcock & Anderson, 1899) (*Opinion 73*) (Name No. 775) ;
- (12) *rouxii* Guérin-Ménéville, 1832, as published in the combination *Caphyra rouxii* (specific name of type species of *Caphyra* Guérin-Ménéville, 1832) (*Opinion 73*) (Name No. 776) ;

- (13) *maculatus* Linnaeus, 1758, as published in the combination *Cancer maculatus* (specific name of type species of *Carpilius* Desmarest, 1823) (*Opinion 73*) (Name No. 777) ;
- (14) *tristis* Dana, 1852, as published in the combination *Carpilodes tristis* (specific name of type species of *Carpilodes* Dana, 1851) (*Opinion 73*) (Name No. 778) ;
- (15) *papulosus* Stimpson, [1871], as published in the combination *Carpoporus papulosus* (specific name of type species of *Carpoporus* Stimpson, [1871]) (*Opinion 73*) (Name No. 779) ;
- (16) *tenuipes* Dana, 1852, as published in the combination *Carupa tenuipes* (specific name of type species of *Carupa* Dana, 1851) (*Opinion 73*) (Name No. 780) ;
- (17) *melanochirus* Milne Edwards (A.), 1873, as published in the combination *Chlorodopsis melanochirus* (specific name of type species of *Chlorodopsis* Milne Edwards (A.), 1873) (*Opinion 73*) (Name No. 781) ;
- (18) *tridentatus* Milne Edwards (A.), 1879, as published in the combination *Coenophthalmus tridentatus* (specific name of type species of *Coenophthalmus* Milne Edwards (A.), 1879) (*Opinion 73*) (Name No. 782) ;
- (19) *chilensis* Milne Edwards (H.) & Lucas, [1844], as published in the combination *Corystoides chilensis* (specific name of type species of *Corystoides* Milne Edwards (H.), & Lucas [1844]) (*Opinion 73*) (Name No. 783) ;
- (20) *pentagonus* Stimpson, 1858, as published in the combination *Cryptocnemus pentagonus* (specific name of type species of *Cryptocnemus* Stimpson, 1858) (*Opinion 73*) (Name No. 784) ;

- (21) *ornatus* Dana, 1852, as published in the combination *Cyclodius ornatus* (specific name of type species of *Cyclodius* Dana, 1851) (*Opinion 73*) (Name No. 785) ;
- (22) *andreosyi* Audouin, [1826], as published in the combination *Pilumnus andreosyi* (specific name of type species of *Cymo* de Hann, [1833]) (*Opinion 73*) (Name No. 786) ;
- (23) *eremita* Nobili, 1906, as published in the combination *Dacryopilumnus eremita* (specific name of type species of *Dacryopilumnus* Nobili, 1906) (*Opinion 73*) (Name No. 787) ;
- (24) *imitatrix* Hilgendorf, [1869], as published in the combination *Deckenia imitatrix* (specific name of type species of *Deckenia* Hilgendorf, [1869]) (*Opinion 73*) (Name No. 788) ;
- (25) *hispidata* Eydoux & Souleyet, 1842, as published in the combination *Domecia hispidata* (specific name of type species of *Domecia* Eydoux & Souleyet, 1842) (*Opinion 73*) (Name No. 789) ;
- (26) *tuberosus* Pennant, 1777, as published in the combination *Cancer tuberosus* (specific name of type species of *Ebalia* Leach, [1817]) (*Opinion 73*) (Name No. 790) ;
- (27) *cubensis* Stimpson, 1860, as published in the combination *Epilobocera cubensis* (specific name of type species of *Epilobocera* Stimpson, 1860) (*Opinion 73*) (Name No. 791) ;
- (28) *cessacii* Milne Edwards (A.), 1878, as published in the combination *Epimelus cessacii* (specific name of type species of *Epimelus* Milne Edwards (A.), 1878) (*Opinion 73*) (Name No. 792) ;
- (29) *isenbeckii* Brandt, 1848, as published in the combination *Platycorystes (Podacanthus) isenbeckii* (specific name of type species of *Erimacrus* Benedict, 1892) (*Opinion 73*) (Name No. 793) ;

- (30) *spinosus* Rathbun, 1894, as published in the combination *Erimetopus spinosus* (specific name of type species of *Erimetopus* Rathbun, 1894) (*Opinion* 73) (Name No. 794) ;
- (31) *dovii* Stimpson, 1860, as published in the combination *Euphylax dovii* (specific name of type species of *Euphylax* Stimpson, 1860) (*Opinion* 73) (Name No. 795) ;
- (32) *jacquemontii* Milne Edwards (H.), 1844, as published in the combination *Gecarcinucus jacquemontii* (specific name of type species of *Gecarcinucus* Milne Edwards (H.), 1844) (*Opinion* 73) (Name No. 796) ;
- (33) *amica* Smith (S.I.), 1869, as published in the combination *Hepatella amica* (specific name of type species of *Hepatella* Smith (S.I.), 1869) (*Opinion* 73) (Name No. 797) ;
- (34) *fallax* Henderson, 1893, as published in the combination *Ebalia fallax* (specific name of type species of *Heterolithadia* Alcock, 1896) (*Opinion* 73) (Name No. 798) ;
- (35) *vesiculosa* Alcock, 1896, as published in the combination *Heteronucia vesiculosus* (specific name of type species of *Heteronucia* Alcock, 1896) (*Opinion* 73) (Name No. 799) ;
- (36) *rotundifrons* Milne Edwards (A.), 1867, as published in the combination *Heterozius rotundifrons* (specific name of type species of *Heterozius* Milne Edwards (A.), 1867) (*Opinion* 73) (Name No. 800) ;
- (37) *agilis* Milne Edwards (A.), 1872, as published in the combination *Hydrothelphusa agilis* (specific name of type species of *Hydrothelphusa* Milne Edwards (A.), 1872) (*Opinion* 73) (Name No. 801) ;
- (38) *subglobosa* Stimpson, [1871], as published in the combination *Iliacantha subglobosa* (specific name of type species of *Iliacantha* Stimpson, [1871]) (*Opinion* 73) (Name No. 802) ;

- (39) *spongiosus* Adams & White, [1849], as published in the combination *Iphiculus spongiosus* (specific name of type species of *Iphiculus* Adams & White [1849]) (*Opinion* 73) (Name No. 803) ;
- (40) *cylindricus* Fabricius, 1777, as published in the combination *Cancer cylindricus* (specific name of type species of *Ixa* Leach, 1815) (*Opinion* 73) (Name No. 804) ;
- (41) *jurinei* Saussure, 1853, as published in the combination *Guaia (Ilia) jurinei* (specific name of type species of *Leucosilia* Bell, 1855) (*Opinion* 73) (Name No. 805) ;
- (42) *polybioides* Adams & White, [1849], as published in the combination *Lissocarcinus polybioides* (specific name of type species of *Lissocarcinus* Adams & White, [1849]) (*Opinion* 73) (Name No. 806) ;
- (43) *cumingii* Bell, 1855, as published in the combination *Lithadia cumingii* (specific name of type species of *Lithadia* Bell, 1855) (*Opinion* 73) (Name No. 807) ;
- (44) *rotundatus* Adams & White, [1849], as published in the combination *Lupocyclus rotundatus* (specific name of type species of *Lupocyclus* Adams & White, [1849]) (*Opinion* 73) (Name No. 808) ;
- (45) *lambriformis* Milne Edwards (A.), 1873, as published in the combination *Merocryptus lambriformis* (specific name of type species of *Merocryptus* Milne Edwards (A.), 1873) (*Opinion* 73) (Name No. 809) ;
- (46) *eudactylus* Bell, 1855, as published in the combination *Myrodes eudactylus* (specific name of type species of *Myrodes* Bell, 1855) (*Opinion* 73) (Name No. 810) ;
- (47) *speciosa* Dana, 1852, as published in the combination *Nucia speciosa* (specific name of type species of *Nucia* Dana, 1852) (*Opinion* 73) (Name No. 811) ;

- (48) *hardwickii* Leach, 1817, as published in the combination *Nursia hardwickii* (specific name of type species of *Nursia* Leach, 1817) (*Opinion* 73) (Name 812) ;
- (49) *dentata* Bell, 1855, as published in the combination *Nursilia dentata* (specific name of type species of *Nursilia* Bell, 1855) (*Opinion* 73) (Name No. 813) ;
- (50) *lamelligera* Stimpson, 1858, as published in the combination *Onychomorpha lamelligera* (specific name of type species of *Onychomorpha* Stimpson, 1858) (*Opinion* 73) (Name No. 814) ;
- (51) *horridus* Rüppell, 1830, as published in the combination *Oreophorus horridus* (specific name of type species of *Oreophorus* Rüppell, 1830) (*Opinion* 73) (Name No. 815) ;
- (52) *tuberosa* Stimpson, [1871], as published in the combination *Osachila tuberosa* (specific name of type species of *Osachila* Stimpson, [1871]) (*Opinion* 73) (Name No. 816) ;
- (53) *milneedwardsii* Miers, 1886, as published in the combination *Paracyclois milne-edwardsii* (specific name of type species of *Paracyclois* Miers, 1886) (*Opinion* 73) (Name No. 817) ;
- (54) *tridentata* Milne Edwards (H.), 1853, as published in the combination *Parathelphusa tridentata* (specific name of type species of *Parathelphusa* Milne Edwards (H.), 1853) (*Opinion* 73) (Name No. 818) ;
- (55) *orientalis* Miers, 1886, as published in the combination *Lupocyclus (Parathranites) orientalis* (specific name of type species of *Parathranites* Miers, 1886) (*Opinion* 73) (Name No. 819) ;
- (56) *alcocki* Wood-Mason, 1891, as published in the combination *Parilia alcocki* (specific name of type species of *Parilia* Wood-Mason, 1891) (*Opinion* 73) (Name No. 820) ;

- (57) *coronata* Alcock & Anderson, 1894, as published in the combination *Randallia coronata* (specific name of type species of *Pariphiculus* Alcock, 1896) (*Opinion 73*) (Name No. 821) ;
- (58) *crassipes* Bell, 1855, as published in the combination *Phlyxia crassipes* (specific name of type species of *Phlyxia* Bell, 1855) (*Opinion 73*) (Name No. 822) ;
- (59) *denticulatus* Montagu, 1808, as published in the combination *Cancer denticulatus* (specific name of type species of *Pirimela* Leach, [1816]) (*Opinion 73*) (Name No. 823) ;
- (60) *gaudichaudii* Milne Edwards (H.), 1837, as published in the combination *Platymera gaudichaudii* (specific name of type species of *Platymera* Milne Edwards (H.), 1837) (*Opinion 73*) (Name No. 824) ;
- (61) *henslowii* Leach, [1820], as published in the combination *Polybius henslowii* (specific name of type species of *Polybius* Leach, [1820]) (*Opinion 73*) (Name No. 825) ;
- (62) *armatus* Milne Edwards (H.), 1853, as published in the combination *Potamocarcinus armatus* (specific name of type species of *Potamocarcinus* Milne Edwards (H.), 1853) (*Opinion 73*) (Name No. 826) ;
- (63) *perlata* Milne Edwards (H.), 1837, as published in the combination *Thelpheusa* [sic] *perlata* (specific name of type species of *Potamonautes* Macleay, 1838) (*Opinion 73*) (Name No. 827) ;
- (64) *tridentata* Miers, 1879, as published in the combination *Pseudophilyra tridentata* (specific name of type species of *Pseudophilyra* Miers, 1879) (*Opinion 73*) (Name No. 828) ;
- (65) *americana* Saussure, 1857, as published in the combination *Pseudothelphusa americana* (specific name of type species of *Pseudothelphusa* Saussure, 1857) (*Opinion 73*) (Name No. 829) ;

- (66) *ornata* Randall, 1840, as published in the combination *Ilia ornata* (specific name of type species of *Randallia* Stimpson, 1857) (*Opinion 73*) (Name No. 830) ;
- (67) *nodosus* Bell, 1855, as published in the combination *Oreophorus nodosus* (specific name of type species of *Speloeophorus* Milne Edwards (A.), 1865) (*Opinion 73*) (Name No. 831) ;
- (68) *bedoti* Zehnter, 1894, as published in the combination *Sphaerocarcinus bedoti* (specific name of type species of *Sphaerocarcinus* Zehnter, 1894) (*Opinion 73*) (Name No. 832) ;
- (69) *serratus* Forskål, 1775, as published in the combination *Cancer serratus* (specific name of type species of *Scylla* de Haan, [1833]) (*Opinion 73*) (Name No. 833) ;
- (70) *admete* Herbst, [1803], as published in the combination *Cancer admete* (specific name of type species of *Thalamita* Latreille, 1829) (*Opinion 73*) (Name No. 834) ;
- (71) *quadridens* Milne Edwards (A.), 1869, as published in the combination *Thalamitoides quadridens* (specific name of type species of *Thalamitoides* Milne Edwards (A.), 1869) (*Opinion 73*) (Name No. 835) ;
- (72) *danae* Milne Edwards (A.), 1869, as published in the combination *Goniosoma danae* (specific name of type species of *Thalamonyx* Milne Edwards (A.), 1873) (*Opinion 73*) (Name No. 836) ;
- (73) *muriger* Adams & White, [1849], as published in the combination *Tlos muriger* (specific name of type species of *Tlos* Adams & White, [1849]) (*Opinion 73*) (Name No. 837) ;
- (74) *corallinus* Faxon, 1893, as published in the combination *Trachycarcinus corallinus* (specific name of type species of *Trachycarcinus* Faxon, 1893) (*Opinion 73*) (Name No. 838) ;

- (75) *fluviatilis* Latreille, [1828], as published in the combination *Trichodactylus fluviatilis* (specific name of type species of *Trichodactylus* Latreille, [1828]) (*Opinion* 73) (Name No. 839) ;
- (76) *nobile* Milne Edwards (A.), 1880, as published in the combination *Trichopeltarion nobile* (specific name of type species of *Trichopeltarion* Milne Edwards (A.), 1880) (*Opinion* 73) (Name No. 840) ;
- (77) *serrata* White, 1847, as published in the combination *Valdivia serrata* (specific name of type species of *Valdivia* White, 1847) (*Opinion* 73) (Name No. 841) ;
- (78) *parvula* Stimpson, 1858, as published in the combination *Acmaeopleura parvula* (specific name of type species of *Acmaeopleura* Stimpson, 1858) (*Opinion* 85) (Name No. 842) ;
- (79) *inaequipes* Stimpson, 1858, as published in the combination *Asthenognathus inaequipes* (specific name of type species of *Asthenognathus* Stimpson, 1858) (*Opinion* 85) (Name No. 843) ;
- (80) *typhlus* Milne Edwards (A.), 1880, as published in the combination *Bathyplax typhlus* (specific name of type species of *Bathyplax* Milne Edwards (A.), 1880) (*Opinion* 85) (Name No. 844) ;
- (81) *sexdentatum* Stimpson, 1858, as published in the combination *Camptandrium sexdentatum* (specific name of type species of *Camptandrium* Stimpson, 1858) (*Opinion* 85) (Name No. 845) ;
- (82) *coppingeri* Miers, 1884, as published in the combination *Camptoplax coppingeri* (specific name of type species of *Camptoplax* Miers, 1884) (*Opinion* 85) (Name No. 846) ;
- (83) *nitidus* Milne Edwards (A.), 1870, as published in the combination *Catoptrus nitidus* (specific name of type species of *Catoptrus* Milne Edwards (A.), 1870) (*Opinion* 85) (Name No. 847) ;

- (84) *ciliatus* Stimpson, 1858, as published in the combination *Ceratoplax ciliatus* (specific name of type species of *Ceratoplax* Stimpson, 1858) (*Opinion* 85) (Name No. 848) ;
- (85) *typicus* Rathbun, 1898, as published in the combination *Chasmocarcinus typicus* (specific name of type species of *Chasmocarcinus* Rathbun, 1898) (*Opinion* 85) (Name No. 849) ;
- (86) *balansae* Milne Edwards (A.), 1873, as published in the combination *Clistocoeloma balansae* (specific name of type species of *Clistocoeloma* Milne Edwards (A.), 1873) (*Opinion* 85) (Name No. 850) ;
- (87) *angulatus* Dana, 1851, as published in the combination *Cyrtograpsus angulatus* (specific name of type species of *Cyrtograpsus* Dana, 1851) (*Opinion* 85) (Name No. 851) ;
- (88) *nitidus* Smith (S.I.), 1870, as published in the combination *Dissodactylus nitidus* (specific name of type species of *Dissodactylus* Smith (S.I.), 1870) (*Opinion* 85) (Name No. 852) ;
- (89) *carinipes* de Man, 1889, as published in the combination *Durckheimia carinipes* (specific name of type species of *Durckheimia* de Man, 1889) (*Opinion* 85) (Name No. 853) ;
- (90) *liguricus* Milne Edwards (H.), 1853, as published in the combination *Euchirograpsus liguricus* (specific name of type species of *Euchirograpsus* Milne Edwards (H.), 1853) (*Opinion* 85) (Name No. 854) ;
- (91) *crenatus* de Haan, [1835], as published in the combination *Cancer (Eucrate) crenatus* (specific name of type species of *Eucrate* de Haan, [1835]) (*Opinion* 85) (Name No. 855) ;

- (92) *agassizii* Milne Edwards (A.), 1880, as published in the combination *Eucratodes agassizii* (specific name of type species of *Eucratodes* Milne Edwards (A.), 1880) (*Opinion* 85) (Name No. 856) ;
- (93) *crassimanus* Dana, 1851, as published in the combination *Eucrate crassimanus* (specific name of type species of *Eucratopsis* Smith (S.I.), 1869) (*Opinion* 85) (Name No. 857) ;
- (94) *deplanatus* Cano, 1889, as published in the combination *Euryetisus deplanatus* (specific name of type species of *Euryetisus* Cano, 1889) (*Opinion* 85) (Name No. 858) ;
- (95) *nitidus* Stimpson, 1859, as published in the combination *Euryplax nitidus* (specific name of type species of *Euryplax* Stimpson, 1859) (Name No. 859) ;
- (96) *limosa* Say, 1818, as published in the combination *Cancer limosa* (specific name of type species of *Eurytium* Stimpson, 1859) (*Opinion* 85) (Name No. 860) ;
- (97) *subquadrata* Dana, 1851, as published in the combination *Fabia subquadrata* (specific name of type species of *Fabia* Dana, 1851) (*Opinion* 85) (Name No. 861) ;
- (98) *bispinosus* Herbst, [1783], as published in the combination *Cancer bispinosus* (specific name of type species of *Galene* de Haan, [1833]) (*Opinion* 85) (Name No. 862) ;
- (99) *tridens* Krøyer, 1837, as published in the combination *Geryon tridens* (specific name of type species of *Geryon* Krøyer, 1837) (*Opinion* 85) (Name No. 863) ;
- (100) *impressus* Smith (S.I.), 1870, as published in the combination *Glyptograpsus impressus* (specific name of type species of *Glyptograpsus* Smith (S.I.), 1870) (*Opinion* 85) (Name No. 864) ;

- (101) *pugnax* Smith (S.I.), 1870, as published in the combination *Glyptoplax pugnax* (specific name of type species of *Glyptoplax* Smith (S.I.), 1870) (*Opinion* 85) (Name No. 865) ;
- (102) *bicornis* Gray (J.E.), 1831, as published in the combination *Gomezia bicornis* (specific name of type species of *Gomezia* Gray (J.E.), 1831) (*Opinion* 85) (Name No. 866) ;
- (103) *fragifer* de Haan, [1835], as published in the combination *Cancer (Halimede) fragifer* (specific name of type species of *Halimede* de Haan, [1835]) (*Opinion* 85) (Name No. 867) ;
- (104) *tridens* de Haan, [1835], as published in the combination *Ocypode (Helice) tridens* (specific name of type species of *Helice* de Haan, [1835]) (*Opinion* 85) (Name 868) ;
- (105) *lugubris* Alcock, 1899, as published in the combination *Hepthopelta lugubris* (specific name of type species of *Hepthopelta* Alcock, 1899) (*Opinion* 85) (Name No. 869) ;
- (106) *sexpes* Fabricius, 1798, as published in the combination *Cancer sexpes* (specific name of type species of *Hexapus* de Haan, [1833]) (*Opinion* 85) (Name No. 870) ;
- (107) *haematocheir* de Haan, [1835], as published in the combination *Grapsus (Pachysoma) haematocheir* (specific name of type species of *Holometopus* Milne Edwards (H.), 1853) (*Opinion* 85) (Name No. 871) ;
- (108) *trapeziformis* Nauck, 1880, as published in the combination *Holothuriophilus trapeziformis* (specific name of type species of *Holothuriophilus* Nauck, 1880) (*Opinion* 85) (Name No. 872) ;

- (109) *rodgersii* Stimpson, 1858, as published in the combination *Lachnopus rodgersii* (specific name of type species of *Lachnopus* Stimpson, 1858) (*Opinion* 85) (Name No. 873) ;
- (110) *exaratus* Milne Edwards (H.), 1834, as published in the combination *Chlorodius exaratus* (specific name of type species of *Leptodius* Milne Edwards (A.), 1863) (*Opinion* 85) (Name No. 874) ;
- (111) *rubromaculatus* de Haan, [1833], as published in the combination *Cancer (Liagore) rubromaculatus* (specific name of type species of *Liagore* de Haan, [1833]) (*Opinion* 85) (Name No. 875) ;
- (112) *nitidus* Milne Edwards (A.), 1867, as published in the combination *Libystes nitidus* (specific name of type species of *Libystes* Milne Edwards (A.), 1867) (*Opinion* 85) (Name No. 876) ;
- (113) *cinctimanus* White, [1849], as published in the combination *Carpilius cinctimanus* (specific name of type species of *Liomera* Dana, 1851) (*Opinion* 85) (Name No. 877) ;
- (114) *leanus* Rathbun, 1898, as published in the combination *Lipaesthesius leanus* (specific name of type species of *Lipaesthesius* Rathbun, 1898) (*Opinion* 85) (Name No. 878) ;
- (115) *bispinosa* Kinahan, 1856, as published in the combination *Litocheira bispinosa* (specific name of type species of *Litocheira* Kinahan, 1856) (*Opinion* 85) (Name No. 879) ;
- (116) *bella* Stimpson, 1860, as published in the combination *Xantho bella* (specific name of type species of *Lophopanopeus* Rathbun, 1898) (*Opinion* 85) (Name No. 880) ;
- (117) *dilatipes* Adams & White, [1849], as published in the combination *Pilumnus dilatipes* (specific name of type species of *Lophopilumnus* Miers, 1886) (*Opinion* 85) (Name No. 881) ;

- (118) *tesselatus* Latreille, 1812, as published in the combination *Grapsus tessellatus* (specific name of type species of *Lybia* Milne Edwards (H.), 1834) (*Opinion* 85) (Name No. 882) ;
- (119) *thalamita* Stimpson, [1871], as published in the combination *Melybia thalamita* (specific name of type species of *Melybia* Stimpson, [1871]) (*Opinion* 85) (Name No. 883) ;
- (120) *rousseauxi* Milne Edwards (H.), 1853, as published in the combination *Metasesarma rousseauxi* (specific name of type species of *Metasesarma* Milne Edwards (H.), 1853) (*Opinion* 85) (Name No. 884) ;
- (121) *truncatus* Stimpson, [1860], as published in the combination *Metopocarcinus truncatus* (specific name of type species of *Metopocarcinus* Stimpson, [1860]) (*Opinion* 85) (Name No. 885) ;
- (122) *sculptipes* Stimpson, [1871], as published in the combination *Micropanope sculptipes* (specific name of type species of *Micropanope* Stimpson, [1871]) (*Opinion* 85) (Name No. 886) ;
- (123) *nitidus* Milne Edwards (A.), 1873, as published in the combination *Notonyx nitidus* (specific name of type species of *Notonyx* Milne Edwards (A.), 1873) (*Opinion* 85) (Name No. 887) ;
- (124) *granulatus* Rathbun, 1893, as published in the combination *Oediplax granulatus* (specific name of type species of *Oediplax* Rathbun, 1893) (*Opinion* 85) (Name No. 888) ;
- (125) *macgillivrayi* White, 1852, as published in the combination *Ommatocarcinus macgillivrayi* (specific name of type species of *Ommatocarcinus* White, 1852) (*Opinion* 85) (Name No. 889) ;
- (126) *transversus* Rathbun, 1893, as published in the combination *Opisthopus transversus* (specific name of type species of *Opisthopus* Rathbun, 1893) (*Opinion* 85) (Name No. 890) ;

- (127) *microps* Alcock & Anderson, 1894, as published in the combination *Xanthodes microps* (specific name of type species of *Orphnoxanthus* Alcock, 1898) (*Opinion* 85) (Name No. 891) ;
- (128) *depressa* Stimpson, [1871], as published in the combination *Panoplax depressa* (specific name of type species of *Panoplax* Stimpson, [1871]) (*Opinion* 85) (Name No. 892) ;
- (129) *neapolitana* Kossmann, 1878, as published in the combination *Paragalene neapolitana* (specific name of type species of *Paragalene* Kossmann, 1878) (*Opinion* 85) (Name No. 893) ;
- (130) *euagora* de Man, 1895, as published in the combination *Parapanope euagora* (specific name of type species of *Parapanope* de Man, 1895) (*Opinion* 85) (Name No. 894) ;
- (131) *roseus* Nobili, 1906, as published in the combination *Parapleurophrycoides roseus* (specific name of type species of *Parapleurophrycoides* Nobili, 1906) (*Opinion* 85) (Name No. 895) ;
- (132) *planissimus* Herbst, [1804], as published in the combination *Cancer planissimus* (specific name of type species of *Percnon* Gistel, 1848) (*Opinion* 85) (Name No. 896) ;
- (133) *excelsus* Heller, 1862, as published in the combination *Perigrapsus excelsus* (specific name of type species of *Perigrapsus* Heller, 1862) (*Opinion* 85) (Name No. 897) ;
- (134) *perlatus* Poeppig, 1836, as published in the combination *Hepatus perlatus* (specific name of type species of *Pilumnoides* Milne Edwards (H.) & Lucas, [1844]) (*Opinion* 85) (Name No. 898) ;
- (135) *hirtellus* Linnaeus, 1761, as published in the combination *Cancer hirtellus* (specific name of type species of *Pilumnus* Leach, 1815) (*Opinion* 85) (Name No. 899) ;

- (136) *hirtipes* Heller, [1865], as published in the combination *Pinnaxodes hirtipes* (specific name of type species of *Pinnaxodes* Heller, [1865]) (*Opinion* 85) (Name No. 900) ;
- (137) *cylindricum* Say, 1818, as published in the combination *Pinnotheres cylindricum* (specific name of type species of *Pinnixa* White, 1846) (*Opinion* 85) (Name No. 901) ;
- (138) *laevigata* Milne Edwards (H.) & Lucas, [1844], as published in the combination *Pinnotherelia laevigata* (specific name of type species of *Pinnotherelia* Milne Edwards (H.), & Lucas, [1844]) (*Opinion* 85) (Name No. 902) ;
- (139) *spectabilis* de Man, 1896, as published in the combination *Platychirograpsus spectabilis* (specific name of type species of *Platychirograpsus* de Man, 1896) (*Opinion* 85) (Name No. 903) ;
- (140) *gracilipes* Alcock, 1894, as published in the combination *Platypilumnus gracilipes* (specific name of type species of *Platypilumnus* Alcock, 1894) (*Opinion* 85) (Name No. 904) ;
- (141) *orbigny* Milne Edwards (H.) & Lucas, [1844], as published in the combination *Xantho orbigny* (specific name of type species of *Platyxanthus* Milne Edwards (A.), 1863) (*Opinion* 85) (Name No. 905) ;
- (142) *cupulifer* Latreille, 1825, as published in the combination *Pilumnus cupulifer* (specific name of type species of *Polydectus* Milne Edwards (H.), 1837) (*Opinion* 85) (Name No. 906) ;
- (143) *spinicarpus* Milne Edwards (H.), 1852, as published in the combination *Prionoplax spinicarpus* (specific name of type species of *Prionoplax* Milne Edwards (H.), 1852) (*Opinion* 85) (Name No. 907) ;

- (144) *gigas* Lamarck, 1818, as published in the combination *Cancer gigas* (specific name of type species of *Pseudocarcinus* Milne Edwards (H.), 1834) (*Opinion* 85) (Name No. 908) ;
- (145) *carinata* Ortmann, 1894, as published in the combination *Pseudopinnixa carinata* (specific name of type species of *Pseudopinnixa* Ortmann, 1894) (*Opinion* 85) (Name No. 909) ;
- (146) *quadridentata* Latreille, 1825, as published in the combination *Melia quadridentata* (specific name of type species of *Pseudorhombila* Milne Edwards (H.), 1837) (*Opinion* 85) (Name No. 910) ;
- (147) *stridulans* Wood-Mason, 1892, as published in the combination *Psopheticus stridulans* (specific name of type species of *Psopheticus* Wood-Mason, 1892) (*Opinion* 85) (Name No. 911) ;
- (148) *glaber* Stimpson, 1858, as published in the combination *Ptychognathus glaber* (specific name of type species of *Ptychognathus* Stimpson, 1858) (*Opinion* 85) (Name No. 912) ;
- (149) *granulosus* Milne Edwards (A.), 1879, as published in the combination *Pyxidognathus granulosus* (specific name of type species of *Pyxidognathus* Milne Edwards (A.), 1879) (*Opinion* 85) (Name No. 913) ;
- (150) *harrisii* Gould, 1841, as published in the combination *Pilumnus harrisii* (specific name of type species of *Rhithropanopeus* Rathbun, 1898) (*Opinion* 85) (Name No. 914) ;
- (151) *gracilipes* Stimpson, 1858, as published in the combination *Rhizopa gracilipes* (specific name of type species of *Rhizopa* Stimpson, 1858) (*Opinion* 85) (Name No. 915) ;
- (152) *convexus* Milne Edwards (A.), 1867, as published in the combination *Ruppellioides convexus* (specific name of type species of *Ruppellioides* Milne Edwards (A.), 1867) (*Opinion* 85) (Name No. 916) ;

- (153) *crassum* Dana, 1851, as published in the combination *Samartium crassum* (specific name of type species of *Samartium* Dana, 1851) (*Opinion* 85) (Name No. 917) ;
- (154) *spinosipes* Stimpson, 1858, as published in the combination *Scalopidia spinosipes* (specific name of type species of *Scalopidia* Stimpson, 1858) (*Opinion* 85) (Name No. 918) ;
- (155) *granulatus* Rathbun, 1893, as published in the combination *Scleroplax granulatus* (specific name of type species of *Scleroplax* Rathbun, 1893) (*Opinion* 85) (Name No. 919) ;
- (156) *carolinensis* Stimpson, 1859, as published in the combination *Speocarcinus carolinensis* (specific name of type species of *Speocarcinus* Stimpson, 1859) (*Opinion* 85) (Name No. 920) ;
- (157) *nitidus* Stimpson, 1858, as published in the combination *Sphaerozius nitidus* (specific name of type species of *Sphaerozius* Stimpson, 1858) (*Opinion* 85) (Name No. 921) ;
- (158) *bidentatus* Milne Edwards (A.), 1880, as published in the combination *Xanthodes bidentatus* (specific name of type species of *Tetraxanthus* Rathbun, 1898) (*Opinion* 85) (Name No. 922) ;
- (159) *scabripes* Rathbun, 1898, as published in the combination *Tetrias scabripes* (specific name of type species of *Tetrias* Rathbun, 1898) (*Opinion* 85) (Name No. 923) ;
- (160) *anomalipes* Miers, 1881, as published in the combination *Thaumastoplax anomalipes* (specific name of type species of *Thaumastoplax* Miers, 1881) (*Opinion* 85) (Name No. 924) ;
- (161) *gracilipes* White, 1847, as published in the combination *Utica gracilipes* (specific name of type species of *Utica* White, 1847) (*Opinion* 85) (Name No. 925) ;

- (162) *litteratus* Fabricius, 1798, as published in the combination *Cancer litteratus* (specific name of type species of *Varuna* Milne Edwards (H.), 1830) (*Opinion* 85) (Name No. 926) ;
- (163) *murigera* White, 1846, as published in the combination *Xanthasia murigera* (specific name of type species of *Xanthasia* White, 1846) (*Opinion* 85) (Name No. 927) ;
- (164) *sternberghii* Stimpson, 1859, as published in the combination *Xanthodius sternberghii* (specific name of type species of *Xanthodius* Stimpson, 1859) (*Opinion* 85) (Name No. 928) ;
- (165) *moebii* Richters, 1880, as published in the combination *Xenophthalmodes moebii* (specific name of type species of *Xenophthalmodes* Richters, 1880) (*Opinion* 85) (Name No. 929) ;
- (166) *pinnotheroides* White, 1846, as published in the combination *Xenophthalmus pinnotheroides* (specific name of type species of *Xenophthalmus* White, 1846) (*Opinion* 85) (Name No. 930) ;
- (167) *aeneus* Linnaeus, 1758, as published in the combination *Cancer aeneus* (specific name of type species of *Zosimus* Leach, 1823) (*Opinion* 85) (Name No. 931) ;
- (168) *carinipes* Heller, 1861, as published in the combination *Zozymodes carinipes* (specific name of type species of *Zozymodes* Heller, 1861) (*Opinion* 85) (Name No. 932) ;
- (169) *pagurus* Linnaeus, 1758, as published in the combination *Cancer pagurus* (specific name of type species of *Cancer* Linnaeus, 1758) (*Opinion* 104) (Name No. 933) ;
- (170) *norvegicus* Linnaeus, 1758, as published in the combination *Cancer norvegicus* (specific name of type species of *Nephrops* [Leach], [1814]) (*Opinion* 104) (Name No. 934).

(2) The under-mentioned specific names, each of which is currently regarded as a senior subjective synonym of the specific name of the type species of a genus, the name of which was placed on the *Official List of Generic Names in Zoology* in the *Opinion* cited against the name in question, are hereby placed on the *Official List of Specific Names in Zoology* with the Name Numbers severally specified below :—

- (1) *savignyi* (correction of *savignii*) Milne Edwards (H.), 1834, as published in the combination of *Cancer savignii* (*Opinion* 73) (Name No. 935) ;
- (2) *superba* Costa, 1838, as published in the combination *Portunus superba* (*Opinion* 73) (Name No. 936) ;
- (3) *punctatus* Linnaeus, 1767, as published in the combination *Cancer punctatus* (*Opinion* 73) (Name No. 937) ;
- (4) *vigil* Weber, 1795, as published in the combination *Portunus vigil* (*Opinion* 73) (Name No. 938) ;
- (5) *cheiragonus* Tilesius, 1815, as published in the combination *Cancer cheiragonus* (*Opinion* 73) (Name No. 939) ;
- (6) *frontalis* Milne Edwards (H.), 1834, as published in the combination *Ozius frontalis* (*Opinion* 85) (Name No. 940) ;
- (7) *rhomboides* Linnaeus, 1758, as published in the combination *Cancer rhomboides* (*Opinion* 85) (Name No. 941) ;
- (8) *barbiger* Poepfig, 1836, as published in the combination *Gecarcinus barbiger* (*Opinion* 85) (Name No. 942) ;
- (9) *minutus* Linnaeus, 1758, as published in the combination *Cancer minutus* (*Opinion* 85) (Name No. 943).

(3) The under-mentioned specific name is hereby placed on the *Official Index of Rejected and Invalid*

Specific Names in Zoology with the Name No. 335 :—
savignii Milne Edwards (H.), 1834, as published in the combination *Cancer savignii* (an Invalid Original Spelling for *savignyi*).

(4) The dates attributed to the under-mentioned specific names in the *Opinions* specified below are hereby corrected as follows :—

- (1) *rouxii* Guérin-Ménéville, as published in the combination *Caphyra rouxii* (*Opinion* 73) : date to be corrected from 1830 to 1832 ;
- (2) *amica* Smith (S.I.), as published in the combination *Hepatella amica* (*Opinion* 73) : date to be corrected from 1870 to 1869 ;
- (3) *signatus* Adams & White, as published in the combination *Carpilius signatus* (*Opinion* 73) : date to be corrected from 1848 to [1849] ;
- (4) *spongiosus* Adams & White, as published in the combination *Iphiculus spongiosus* (*Opinion* 73) : date to be corrected from 1848 to [1849] ;
- (5) *polybioides* Adams & White, as published in the combination *Lissocarcinus polybioides* (*Opinion* 73) : date to be corrected from 1848 to [1849] ;
- (6) *rotundatus* Adams & White, as published in the combination *Lupocyclus rotundatus* (*Opinion* 73) : date to be corrected from 1848 to [1849] ;
- (7) *muriger* Adams & White, as published in the combination *Tlos muriger* (*Opinion* 73) : date to be corrected from 1848 to [1849] ;
- (8) *fluviatilis* Latreille, as published in the combination *Trichodactylus fluviatilis* (*Opinion* 73) : date to be corrected from 1825 to [1828] ;
- (9) *cinctimanus* Adams & White, as published in the combination *Carpilius cinctimanus* (*Opinion* 85) : date to be corrected from 1848 to [1849] ;

- (10) *laevigata* Milne Edwards (H.) & Lucas, as published in the combination *Pinnotherelia laevigata* (*Opinion* 85) : date to be corrected from 1843 to [1844] ;
- (11) *orbigny* Milne Edwards (H.) & Lucas, as published in the combination *Xantho orbigny* (*Opinion* 85) : date to be corrected from 1843 to [1844] ;
- (12) *tesselatus* Latreille, as published in the combination *Graspus tessellatus* (*Opinion* 85) : date to be corrected from 1818 to 1812.

I.—THE SUBJECT MATTER OF THE PRESENT “ DIRECTION ”

The present *Direction* has been prepared under a General Directive issued to the International Commission on Zoological Nomenclature by the Thirteenth International Congress of Zoology, Paris, 1948, that the specific names of the species which are the type species of genera, the names of which had been placed on the *Official List of Generic Names in Zoology* prior to the opening of that Congress should, if the oldest available names for the species concerned, be placed on the *Official List of Specific Names in Zoology* and that in other cases there should be placed on that *List* whatever is currently considered to be the oldest available names for the species concerned. The present, which is the second of this series of *Directions*, is concerned with the names of the type species of genera of the Order Decapoda (Class Crustacea), the names of which were placed on the *Official List of Generic Names in Zoology* in the pre-Lisbon (1935) period. The total number of such generic names is one hundred and ninety. At the time of the submission of the proposals relating to the names with which the present *Direction* is concerned, decisions on three names had been taken on separate *Directions*, proposals on three others had been published in the *Bulletin of Zoological Nomenclature* and were awaiting decision by the Commission, while in two other cases the material so far collected was not considered

sufficient for framing proposals for the consideration of the Commission. The number of names on which proposals were submitted to the Commission amounted therefore to one hundred and eighty-two. In the case of three of these names additional information received during the Prescribed Voting Period led to the withdrawal of the proposals submitted in order to permit of the further examination of the issues so raised (paragraph 4 below). Accordingly, the present *Direction* contains decisions on one hundred and seventy-nine of the names involved. The proposals which formed the basis of the decisions taken by the Commission in the present case were submitted by the Secretary in the following paper on 19th September 1955 :—

Proposed addition to the “ Official List of Specific Names in Zoology ” of the specific names of the type species of one hundred and seventy-three genera of the Order Decapoda (Class Crustacea), the names of which were placed on the “ Official List of Generic Names in Zoology ” in the period up to the end of 1936 and of nine specific names which are currently treated as senior subjective synonyms of the names of type species of such genera

By FRANCIS HEMMING, C.M.G., C.B.E.,

(*Secretary to the International Commission on Zoological Nomenclature*)

The purpose of the present paper is to lay recommendations before the International Commission to enable it to comply, so far as concerns names of species of the Order Decapoda (Class Crustacea), with a General Directive issued to it by the Thirteenth International Congress of Zoology, Paris, 1948. This Directive stated that the specific names of the type species of genera, the names of which had been placed on the *Official List of Generic Names in Zoology* in the period up to the end of 1936, should be placed on the *Official List of Specific Names in Zoology*, save where any given such name is not the oldest available name for the taxon concerned, in which case the oldest available name, whatever it may be, is to be placed on that *Official List*.

2. It will be recalled that, in a paper (Z.N.(S.) 906) which I submitted to the Commission on 11th February last, with Voting Paper V.P.(O.M.)(55)6, I dealt, so far as the Crustacea Decapoda are concerned, with the first of the two principle stages (namely the determination of the gender of each name) involved in completing the entries on the *Official List of Generic Names in Zoology* made in the pre-Lisbon (1935) period, as a preliminary to the publication of the volume containing the first instalment of the *Official Lists*. In that paper I reported that in the period under review the names of one hundred and ninety genera of Decapoda had been placed on the *Official List*.

3. In compiling the present proposals, I have, as on previous similar occasions, consulted such catalogues, checklists and monographs as are available. I have also consulted Dr. Isobel Gordon (*British Museum (Natural History), London*), who has rendered the most valuable assistance in this matter. In both of the two principal *Opinions* concerned (*Opinions* 73 and 85) a note was added in every case where the applicant (the late Miss Mary Rathbun) was of the opinion that the name of the type species of any given genus was a junior subjective synonym of some other name. Dr. Gordon points out that Miss Rathbun was the leading authority of her day in this group and that it is likely that her synonymisations, which were most carefully made, have been generally followed by later workers. It is accordingly believed that the 173 specific names of type species shown in Annexe 1 to the present paper are the oldest available names for the species concerned. Similarly, it is believed that in the case of the nine genera specified in Column (2) of Annexe 2, the name of the type species is a junior subjective synonym of the name specified in Column (1) in that Annexe.

4. The eight generic names as regards the names of the type species of which no proposals are now submitted are the following :—(1) All outstanding questions have been settled in regard to the following three generic names, which have formed the subject of individual *Directions* by the Commission :—*Astacus* (*Direction* 12) ; *Penaeus* (*Direction* 15) ; *Favus* (*Direction* 25). (2) In the following three cases action under the Plenary Powers is required and proposals have been published in the *Bulletin of Zoological Nomenclature*¹:—*Iphis* (*Bull.* 11 : 79—81) ; *Homalaspis* (*Bull.* 11 : 83—85) ; *Homarus* (*Bull.* 11 : 114—116). (3) The two remaining names are *Daira* and *Chasmagnathus*. As regards each of these proposals for action under the Plenary Powers will, it is proposed, be submitted at an early date, in the first case for the purpose of validating the generic name *Daira*, in the second case, for the purpose of validating the specific name of the type species of *Chasmagnathus*.

5. In twelve cases investigations undertaken in this Office have shown that the date given for a particular name at the time when it was placed on the *Official List* was incorrect. In some cases (e.g. Adams & White, *The Voyage of H.M.S. Samarang*) Miss Rathbun accepted the date printed on the Title Page as the date of publication, but later investigations have shown that publication did not take place until a later year. In some of the cases of this kind the date of a generic name already placed on the *Official List* is affected as well as the name of the type species of such a genus. Proposals for the necessary corrections, so far as specific names are concerned, are submitted in Annexe 3 to the present paper.

¹ Decisions have since been taken by the International Commission on each of these cases and the decisions have been embodied in *Directions* which will be published in the present Section of Volume 1. The *Directions* concerned are : (i) *Direction* 49 (*Iphis*) ; (ii) *Direction* 50 (*Homalaspis*) ; (iii) *Direction* 51 (*Homarus*).

6. In all cases where a specific name consists of a noun in the genitive singular based upon the modern patronymic of a man, to which was added a double "i" in place of a single "i", the form with a double "i" has been retained in accordance with the decision on that subject taken by the Copenhagen (1953) Congress.² In one case, a name based upon a modern patronymic, (Savigny), was incorrectly formed by the substitution of the letter "i" for the letter "y", the name being published in the form "*savignii*". In this case, in accordance with another of the decisions taken by the Copenhagen Congress³ the form of the name has been corrected to *savignyi*.

7. In two cases (*Ebalia* ; *Portumnus*) the author of a generic name introduced a new name for the type species, at the same time specifying the previously published name for which his new specific name was a substitute. In each of the cases concerned, the new (substitute) name was unnecessary and is invalid as being a junior objective synonym of the name which it was intended to replace. In both these cases the older (valid) specific name and not the objectively identical junior synonym is treated as the name of the type species of the genus concerned.⁴

8. In the case of the name *Podophthalmus* Lamarck, 1801, the name of the type species (*Podophthalmus* [sic] *spinosus* Lamarck, 1801) is currently treated as a junior subjective synonym of *Portunus vigil* Fabricius, 1798 (*Suppl. Ent. syst.* : 363). However, the latter name is a junior homonym of *Portunus vigil* Weber, 1795 (*Nomencl. Ent. syst. Fabric.* : 93). So many of the names in Weber's ill-starred little book are *nomina nuda* that as a first step I consulted it to see what Weber had actually said. For the benefit of anyone who has never had occasion to look at this book, I should explain that Weber did not give individual diagnoses either for the genera or for the species included by him in it. What he did commonly do, however, was to divide up into groups the species placed by him in any given genus and to provide a few words (in Latin) to differentiate from one another the groups so established. It is only on the rare occasions when Weber placed a single species in a group that the words given as a definition for that group become also a definition for the species placed in it. The present is an example of this unusual situation, for in the first of the groups which he established within the genus *Portunus*, Weber placed only one species, *Portunus vigil*. In consequence this name is not a *nomen nudum*, but the indication given is so extremely brief, being simply "thor. utr. bid.", that it might not be sufficient to permit of the identification of Weber's species. In that case the name *Portunus vigil* Weber, though an available name, would be a *nomen dubium*. Weber's book was, as its title indicates, a preview of

² See 1953, *Copenhagen Decisions zool. Nomencl.* : 54, Decision 91.

³ See 1953, *Copenhagen Decisions zool. Nomencl.* : 51—52, Decision 86(1)(b).

⁴ This procedure has since been formalised by the Ruling given in *Declaration 21* (1956, *Ops. Decls. int. Comm. zool. Nomencl.* 12 : i—viii).

what Fabricius at that time intended to write in his *Supplementum Entomologiae systematicae*. Where, as happened in the present case, Weber cited a specific name which he knew was a manuscript name destined by Fabricius first to see the light of day in his *Supplementum*, he added the letter "S" after the specific name concerned. The presence of this notation after the name *vigil* in Weber's book opened the possibility that in addition to being a senior primary homonym of *Portunus vigil* Fabricius, 1798 (the year in which that author's *Supplementum* was published), the name *Portunus vigil* Weber might be also a senior objective synonym of *P. vigil* Fabricius. At this point I sought the views of two leading specialists, namely, Dr. Fenner A. Chace, Jr. (U.S. National Museum, Washington, D.C., U.S.A.) and Dr. L. B. Holthuis (*Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands*). Each of these specialists agreed that the name *Portunus vigil* Weber and *Portunus vigil* Fabricius were applicable to the same species, Dr. Chace pointing out that there are very few Portunid crabs with two lateral teeth on each side of the carapace and Dr. Holthuis drawing attention to the significance to be attached to the addition by Weber of the letter "S" after the name *vigil*. Both explained that the name *Portunus vigil* Weber appeared to have been overlooked in the literature and that this binomen was in consequence currently attributed to Fabricius, 1798. Both were agreed that no confusion or difficulty need be apprehended if in future this name were to be attributed to Weber instead of to Fabricius. Since the change involved is one of authorship and date only and does not involve a change of name, I do not anticipate that anyone would consider it necessary for the Commission to use its Plenary Powers in order to suppress Weber's name for the purpose of validating the same name as used by Fabricius for the same species three years later. I accordingly share the view expressed by the foregoing specialists that this is a case where the normal priority rule can properly be allowed to operate. In the proposals submitted in the present paper I accordingly recommend (Annexe 2) that the name *vigil* Weber, 1795, as published in the combination *Portunus vigil*, should, as the oldest name subjectively available for the type species of the genus *Podophthalmus* Lamarck, 1801, be placed on the *Official List of Specific Names in Zoology*.

9. The recommendations which are now submitted for the consideration of the Commission are as follows :—

- (a) that the one-hundred and seventy-three specific names specified in Annexe 1, each of which is the specific name of the type species of a genus of Crustacea Decapoda, the name of which was placed on the *Official List of Generic Names in Zoology* in the period up to the end of 1936, should now be placed on the *Official List of Specific Names in Zoology* (paragraph 3);
- (b) that the nine specific names specified in Annexe 2, each of which is a senior subjective synonym of the specific name of the type species of a genus of Crustacea Decapoda, the name of which

was placed on the *Official List of Generic Names in Zoology* in the period up to the end of 1936, should now be placed on the *Official List of Specific Names in Zoology* (paragraph 3) ;

- (c) that in the case of the twelve names specified in Annexe 3, for each of which an incorrect date of publication was cited in the *Opinion* concerned, the correct date, as shown in Column (3) of the said Annexe, be entered on the *Official List of Specific Names in Zoology* (paragraph 5) ;

ANNEXE 1

Specific names of type species of genera of Decapod Crustacea now proposed for addition to the "Official List of Specific Names in Zoology"

<i>Specific name proposed to be placed on the "Official List of Specific Names in Zoology"</i>	<i>Combination in which name specified in Col. 1 was originally published</i>	<i>Name of genus of which species specified in Col. 1 is the type species</i>
(1)	(2)	(3)
<i>Opinion 73</i>		
<i>gayi</i> Milne Edwards & Lucas, [1844]	<i>Acanthocyclus gayi</i>	<i>Acanthocyclus</i> Milne Edwards & Lucas, [1844]
<i>erosa</i> Miers, [1877]	<i>Actaeomorpha erosa</i>	<i>Actaeomorpha</i> Miers, [1877]
<i>tomentosus</i> Dana, 1852	<i>Actumnus tomentosus</i>	<i>Actumnus</i> Dana, 1851
<i>erinaceus</i> Fabricius, 1787	<i>Cancer erinaceus</i>	<i>Arcania</i> Leach, 1817
<i>sexdentatus</i> Paulson, 1875	<i>Archias sexdentatus</i>	<i>Archias</i> Paulson, 1875
<i>cribrarius</i> Lamarck, 1818	<i>Portunus cribrarius</i>	<i>Arenaeus</i> Dana, 1851
<i>integerrimus</i> Lamarck, 1818	<i>Cancer integerrimus</i>	<i>Atergatis</i> de Haan, [1833]
<i>signatus</i> Adams & White, [1849]	<i>Carpilius signatus</i>	<i>Atergatopsis</i> Milne Edwards, 1862
<i>armata</i> Milne Edwards, 1869	<i>Banareia armata</i>	<i>Banareia</i> Milne Edwards, 1869

<i>Specific name proposed to be placed on the "Official List of Specific Names in Zoology"</i>	<i>Combination in which name specified in Col. 1 was originally published</i>	<i>Name of genus of which species specified in Col. 1 is the type species</i>
(1)	(2)	(3)
<i>picta</i> Milne Edwards, 1848	<i>Bellia picta</i>	<i>Bellia</i> Milne Edwards, 1848
<i>hemingi</i> Alcock & Anderson, 1899	<i>Benthochascon hemingi</i>	<i>Benthochascon</i> Alcock & Anderson, 1899
<i>rouxii</i> Guérin-Ménéville, 1832	<i>Caphyra rouxii</i>	<i>Caphyra</i> Guérin-Ménéville, 1832
<i>maculatus</i> Linnaeus, 1758	<i>Cancer maculatus</i>	<i>Carpilius</i> Desmarest, 1823
<i>tristis</i> Dana, 1852	<i>Carpilodes tristis</i>	<i>Carpilodes</i> Dana, 1851
<i>papulosus</i> Stimpson, [1871]	<i>Carpoporus papulosus</i>	<i>Carpoporus</i> Stimpson, [1871]
<i>tenuipes</i> Dana, 1852	<i>Carupa tenuipes</i>	<i>Carupa</i> Dana, 1851
<i>melanochirus</i> Milne Edwards, 1873	<i>Chlorodopsis melanochirus</i>	<i>Chlorodopsis</i> Milne Edwards, 1873
<i>tridentatus</i> Milne Edwards, 1879	<i>Coenophthalmus tridentatus</i>	<i>Coenophthalmus</i> Milne Edwards, 1879
<i>chilensis</i> Milne Edwards & Lucas, [1844]	<i>Corystoides chilensis</i>	<i>Corystoides</i> Milne Edwards & Lucas [1844]
<i>pentagonus</i> Stimpson, 1858	<i>Cryptocnemus pentagonus</i>	<i>Cryptocnemus</i> Stimpson, 1858
<i>ornatus</i> Dana, 1852	<i>Cyclodius ornatus</i>	<i>Cyclodius</i> Dana, 1851
<i>andreossyi</i> Audouin, [1826]	<i>Pilumnus andreossyi</i>	<i>Cymo</i> de Haan, [1833]
<i>ermita</i> Nobili, 1906	<i>Dacryopilumnus ermita</i>	<i>Dacryopilumnus</i> Nobili, 1906
<i>imitatrix</i> Hilgendorf, [1869]	<i>Deckenia imitatrix</i>	<i>Deckenia</i> Hilgendorf, [1869]
<i>hispida</i> Eydoux & Souleyet, 1842	<i>Domecia hispida</i>	<i>Domecia</i> Eydoux & Souleyet, 1842
<i>tuberosus</i> Pennant, 1777	<i>Cancer tuberosus</i>	<i>Ebalia</i> Leach, [1817]
<i>cubensis</i> Stimpson, 1860	<i>Epilobocera cubensis</i>	<i>Epilobocera</i> Stimpson, 1860
<i>cessacii</i> Milne Edwards, 1878	<i>Epimelus cessacii</i>	<i>Epimelus</i> Milne Edwards, 1878

<i>Specific name proposed to be placed on the "Official List of Specific Names in Zoology"</i>	<i>Combination in which name specified in Col. 1 was originally published</i>	<i>Name of genus of which species specified in Col. 1 is the type species</i>
(1)	(2)	(3)
<i>isenbeckii</i> Brandt, 1848	<i>Platycorystes</i> (<i>Podacanthus</i>) <i>isenbeckii</i>	<i>Erimacrus</i> Benedict, 1892
<i>spinosus</i> Rathbun, 1894	<i>Erimetopus spinosus</i>	<i>Erimetopus</i> Rathbun, 1894
<i>dovii</i> Stimpson, 1860	<i>Euphylax dovii</i>	<i>Euphylax</i> Stimpson, 1860
<i>jaquemontii</i> Milne Edwards, 1844	<i>Gecarcinucus jaquemontii</i>	<i>Gecarcinucus</i> Milne Edwards, 1844
<i>amica</i> Smith, 1869	<i>Hepatella amica</i>	<i>Hepatella</i> Smith, 1869
<i>fallax</i> Henderson, 1893	<i>Ebalia fallax</i>	<i>Heterolithadia</i> Alcock, 1896
<i>vesiculosa</i> Alcock, 1896	<i>Heteronucia vesiculosa</i>	<i>Heteronucia</i> Alcock, 1896
<i>rotundifrons</i> Milne Edwards, 1867	<i>Heterozius rotundifrons</i>	<i>Heterozius</i> Milne Edwards, 1867
<i>agilis</i> Milne Edwards, 1872	<i>Hydrothelphusa agilis</i>	<i>Hydrothelphusa</i> Milne Edwards, 1872
<i>sublobosa</i> Stimpson, [1871]	<i>Iliacantha subglobosa</i>	<i>Iliacantha</i> Stimpson, [1871]
<i>spongiosus</i> Adams & White, [1849]	<i>Iphiculus spongiosus</i>	<i>Iphiculus</i> Adams & White, [1849]
<i>cylindricus</i> Fabricius, 1777	<i>Cancer cylindricus</i>	<i>Ixa</i> Leach, 1815
<i>jurinei</i> Saussure, 1853	<i>Guaia (Ilia) jurinei</i>	<i>Leucosilia</i> Bell, 1855
<i>polybioides</i> Adams & White, [1849]	<i>Lissocarcinus polybioides</i>	<i>Lissocarcinus</i> Adams & White [1849]
<i>cumingii</i> Bell, 1855	<i>Lithadia cumingii</i>	<i>Lithadia</i> Bell, 1855
<i>rotundatus</i> Adams & White, [1849]	<i>Lupocyclus rotundatus</i>	<i>Lupocyclus</i> Adams & White [1849]
<i>lambriformis</i> Milne Edwards, 1873	<i>Merocryptus lambriformis</i>	<i>Merocryptus</i> Milne Edwards, 1873
<i>eudactylus</i> Bell, 1855	<i>Myrodes eudactylus</i>	<i>Myrodes</i> Bell, 1855
<i>speciosa</i> Dana, 1852	<i>Nucia speciosa</i>	<i>Nucia</i> Dana, 1852
<i>hardwickii</i> Leach, 1817	<i>Nursia hardwickii</i>	<i>Nursia</i> Leach, 1817
<i>dentata</i> Bell, 1855	<i>Nursilia dentata</i>	<i>Nursilia</i> Bell, 1855

<i>Specific name proposed to be placed on the "Official List of Specific Names in Zoology"</i>	<i>Combination in which name specified in Col. 1 was originally published</i>	<i>Name of genus of which species specified in Col. 1 is the type species</i>
(1)	(2)	(3)
<i>lamelligera</i> Stimpson, 1858	<i>Onychomorpha lamelligera</i>	<i>Onychomorpha</i> Stimpson, 1858
<i>horridus</i> Rüppell, 1830	<i>Oreophorus horridus</i>	<i>Oreophorus</i> Rüppell, 1830
<i>tuberosa</i> Stimpson, [1871]	<i>Osachila tuberosa</i>	<i>Osachila</i> Stimpson, [1871]
<i>milne-edwardsii</i> Miers, 1886	<i>Paracyclois milne-edwardsii</i>	<i>Paracyclois</i> Miers, 1886
<i>tridentata</i> Milne Edwards, 1853	<i>Parathelphusa tridentata</i>	<i>Parathelphusa</i> Milne Edwards, 1853
<i>orientalis</i> Miers, 1886	<i>Lupocyclus (Parathranites) orientalis</i>	<i>Parathranites</i> Miers, 1886
<i>alcocki</i> Wood-Mason, 1891	<i>Parilia alcocki</i>	<i>Parilia</i> Wood-Mason, 1891
<i>coronata</i> Alcock & Anderson, 1894	<i>Randallia coronata</i>	<i>Pariphiculus</i> Alcock, 1896
<i>crassipes</i> Bell, 1855	<i>Phlyxia crassipes</i>	<i>Phlyxia</i> Bell, 1855
<i>denticulatus</i> Montagu, 1808	<i>Cancer denticulatus</i>	<i>Pirimela</i> Leach, [1816]
<i>gaudichaudii</i> Milne Edwards, 1837	<i>Platymera gaudichaudii</i>	<i>Platymera</i> Milne Edwards, 1837
<i>henslowii</i> Leach, [1820]	<i>Polybius henslowii</i>	<i>Polybius</i> Leach, [1820]
<i>latipes</i> Pennant, 1777	<i>Cancer latipes</i>	<i>Portumnus</i> [Leach], [1814]
<i>armatus</i> Milne Edwards, 1853	<i>Potamocarcinus armatus</i>	<i>Potamocarcinus</i> Milne Edwards, 1853
<i>perlata</i> Milne Edwards, 1837	<i>Thelphusa</i> [sic] <i>perlata</i>	<i>Potamonautes</i> Macleay, 1838
<i>tridentata</i> Miers, 1879	<i>Pseudophilyra tridentata</i>	<i>Pseudophilyra</i> Miers, 1879
<i>americana</i> Saussure, 1857	<i>Pseudothelphusa americana</i>	<i>Pseudothelphusa</i> Saussure, 1857
<i>ornata</i> Randall, 1840	<i>Ilia ornata</i>	<i>Randallia</i> Stimpson, 1857
<i>nodosus</i> Bell, 1855	<i>Oreophorus nodosus</i>	<i>Speloeophorus</i> Milne Edwards, 1865

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(1)	(2)	(3)
<i>bedoti</i> Zehnter, 1894	<i>Sphaerocarcinus bedoti</i>	<i>Sphaerocarcinus</i> Zehnter, 1894
<i>serratus</i> Forskal, 1775	<i>Cancer serratus</i>	<i>Scylla</i> de Haan, [1833]
<i>admete</i> Herbst, [1803]	<i>Cancer admete</i>	<i>Thalamita</i> Latreille, 1829
<i>quadridens</i> Milne Edwards, 1869	<i>Thalamitoides quadridens</i>	<i>Thalamitoides</i> Milne Edwards, 1869
<i>danae</i> Milne Edwards, 1869	<i>Goniosoma danae</i>	<i>Thalamonyx</i> Milne Edwards, 1873
<i>muriger</i> Adams & White, [1849]	<i>Tlos muriger</i>	<i>Tlos</i> Adams & White, [1849]
<i>corallinus</i> Faxon, 1893	<i>Trachycarcinus corallinus</i>	<i>Trachycarcinus</i> Faxon, 1893
<i>fluviatilis</i> Latreille, [1828]	<i>Trichodactylus fluviatilis</i>	<i>Trichodactylus</i> Latreille, [1828]
<i>nobile</i> Milne Edwards, 1880	<i>Trichopeltarion nobile</i>	<i>Trichopeltarion</i> Milne Edwards, 1880
<i>serrata</i> White, 1847	<i>Valdivia serrata</i>	<i>Valdivia</i> White, 1847

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<i>parvula</i> Stimpson, 1858	<i>Acmaeopleura parvula</i>	<i>Acmaeopleura</i> Stimpson, 1858
<i>inaequipes</i> Stimpson, 1858	<i>Asthenognathus inaequipes</i>	<i>Asthenognathus</i> Stimpson, 1858
<i>typhlus</i> Milne Edwards, 1880	<i>Bathyplax typhlus</i>	<i>Bathyplax</i> Milne Edwards, 1880
<i>sexdentatum</i> Stimpson, 1858	<i>Camptandrium sexdentatum</i>	<i>Camptandrium</i> Stimpson, 1858
<i>coppingeri</i> Miers, 1884	<i>Camptoplax coppingeri</i>	<i>Camptoplax</i> Miers, 1884
<i>nitidus</i> Milne Edwards, 1870	<i>Catoptrus nitidus</i>	<i>Catoptrus</i> Milne Edwards, 1870
<i>ciliatus</i> Stimpson, 1858	<i>Ceratoplax ciliatus</i>	<i>Ceratoplax</i> Stimpson, 1858
<i>typicus</i> Rathbun, 1898	<i>Chasmocarcinus typicus</i>	<i>Chasmocarcinus</i> Rathbun, 1898

<i>Specific name proposed to be placed on the "Official List of Specific Names in Zoology"</i>	<i>Combination in which name specified in Col. 1 was originally published</i>	<i>Name of genus of which species specified in Col. 1 is the type species</i>
(1)	(2)	(3)
<i>balansae</i> Milne Edwards, 1873	<i>Clistocoeloma balansae</i>	<i>Clistocoeloma</i> Milne Edwards, 1873
<i>angulatus</i> Dana, 1851	<i>Cyrtograpsus angulatus</i>	<i>Cyrtograpsus</i> Dana, 1851
<i>nitidus</i> Smith, 1870	<i>Dissodactylus nitidus</i>	<i>Dissodactylus</i> Smith, 1870
<i>carinipes</i> de Man, 1889	<i>Durckheimia carinipes</i>	<i>Durckheimia</i> de Man, 1889
<i>liguricus</i> Milne Edwards, 1853	<i>Euchirograpsus liguricus</i>	<i>Euchirograpsus</i> Milne Edwards, 1853
<i>crenatus</i> de Haan, [1835]	<i>Cancer (Eucrate) crenatus</i>	<i>Eucrate</i> de Haan, [1835]
<i>agassizii</i> Milne Edwards, 1880	<i>Eucratodes agassizii</i>	<i>Eucratodes</i> Milne Edwards, 1880
<i>crassimanus</i> Dana, 1851	<i>Eucrate crassimanus</i>	<i>Eucratopsis</i> Smith, 1869
<i>deplanatus</i> Cano, 1889	<i>Euryetisus deplanatus</i>	<i>Euryetisus</i> Cano, 1889
<i>nitidus</i> Stimpson, 1859	<i>Euryplax nitidus</i>	<i>Euryplax</i> Stimpson, 1859
<i>limosa</i> Say, 1818	<i>Cancer limosa</i>	<i>Eurytium</i> Stimpson, 1859
<i>subquadrata</i> Dana, 1851	<i>Fabia subquadrata</i>	<i>Fabia</i> Dana, 1851
<i>bispinosus</i> Herbst, [1783]	<i>Cancer bispinosus</i>	<i>Galene</i> de Haan, [1833]
<i>tridens</i> Krøyer, 1837	<i>Geryon tridens</i>	<i>Geryon</i> Krøyer, 1837
<i>impessus</i> Smith, 1870	<i>Glyptograpsus impressus</i>	<i>Glyptograpsus</i> Smith, 1870
<i>pugnax</i> Smith, 1870	<i>Glyptoplax pugnax</i>	<i>Glyptoplax</i> Smith, 1870
<i>bicornis</i> Gray, 1831	<i>Gomezia bicornis</i>	<i>Gomezia</i> Gray, 1831
<i>fragifer</i> de Haan, [1835]	<i>Cancer (Halimede) fragifer</i>	<i>Halimede</i> de Haan, [1835]
<i>tridens</i> de Haan, [1835]	<i>Ocypode (Helice) tridens</i>	<i>Helice</i> de Haan, [1833]

<i>Specific name proposed to be placed on the "Official List of Specific Names in Zoology"</i>	<i>Combination in which name specified in Col. 1 was originally published</i>	<i>Name of genus of which species specified in Col. 1 is the type species</i>
(1)	(2)	(3)
<i>lugubris</i> Alcock, 1899	<i>Hepthopelta lugubris</i>	<i>Hepthopelta</i> Alcock, 1899
<i>sexpes</i> Fabricius, 1798	<i>Cancer sexpes</i>	<i>Hexapus</i> de Haan, [1833]
<i>haematocheir</i> de Haan, [1835]	<i>Grapsus (Pachysoma) haematocheir</i>	<i>Holometopus</i> Milne Edwards, 1853
<i>trapeziformis</i> Nauck, 1880	<i>Holothuriophilus trapeziformis</i>	<i>Holothuriophilus</i> Nauck, 1880
<i>rodgersii</i> Stimpson, 1858	<i>Lachnopus rodgersii</i>	<i>Lachnopus</i> Stimpson, 1858
<i>exaratus</i> Milne Edwards, 1834	<i>Chlorodius exaratus</i>	<i>Leptodius</i> Milne Edwards, 1863
<i>rubromaculatus</i> de Haan, [1833]	<i>Cancer (Liagore) rubromaculatus</i>	<i>Liagore</i> de Haan, [1833]
<i>nitidus</i> Milne Edwards, 1867	<i>Libystes nitidus</i>	<i>Libystes</i> Milne Edwards, 1867
<i>cinctimanus</i> White, [1849]	<i>Carpilius cinctimanus</i>	<i>Liomera</i> Dana, 1851
<i>leanus</i> Rathbun, 1898	<i>Lipaesthesius leanus</i>	<i>Lipaesthesius</i> Rathbun, 1898
<i>bispinosa</i> Kinahan, 1856	<i>Litocheira bispinosa</i>	<i>Litocheira</i> Kinahan, 1856
<i>bella</i> Stimpson, 1860	<i>Xantho bella</i>	<i>Lophopanopeus</i> Rathbun, 1898
<i>dilatipes</i> Adams & White, [1849]	<i>Pilumnus dilatipes</i>	<i>Lophopilumnus</i> Miers, 1886
<i>tesselatus</i> Latreille, 1812	<i>Grapsus tesselatus</i>	<i>Lybia</i> Milne Edwards, 1834
<i>thalamita</i> Stimpson, [1871]	<i>Melybia thalamita</i>	<i>Melybia</i> Stimpson, [1871]
<i>rousseauxi</i> Milne Edwards, 1853	<i>Metasesarma rousseauxi</i>	<i>Metasesarma</i> Milne Edwards, 1853
<i>truncatus</i> Stimpson, 1860	<i>Metopocarcinus truncatus</i>	<i>Metopocarcinus</i> Stimpson, [1860]
<i>sculptipes</i> Stimpson, [1871]	<i>Micropanope sculptipes</i>	<i>Micropanope</i> Stimpson, [1871]

<i>Specific name proposed to be placed on the "Official List of Specific Names in Zoology"</i>	<i>Combination in which name specified in Col. 1 was originally published</i>	<i>Name of genus of which species specified in Col. 1 is the type species</i>
(1)	(2)	(3)
<i>nitidus</i> Milne Edwards, 1873	<i>Notonyx nitidus</i>	<i>Notonyx</i> Milne Edwards, 1873
<i>granulatus</i> Rathbun, 1893	<i>Oediplax granulatus</i>	<i>Oediplax</i> Rathbun, 1893
<i>macgillivrayi</i> White, 1852	<i>Ommatocarcinus macgillivrayi</i>	<i>Ommatocarcinus</i> White, 1852
<i>transversus</i> Rathbun, 1893	<i>Opisthopus transversus</i>	<i>Opisthopus</i> Rathbun, 1893
<i>microps</i> Alcock & Anderson, 1894	<i>Xanthodes microps</i>	<i>Orphnoxanthus</i> Alcock, 1898
<i>depressa</i> Stimpson, [1871]	<i>Panoplax depressa</i>	<i>Panoplax</i> Stimpson, [1871]
<i>neapolitana</i> Kossmann, 1878	<i>Paragalene neapolitana</i>	<i>Paragalene</i> Kossmann, 1878
<i>euagora</i> de Man, 1895	<i>Parapanope euagora</i>	<i>Parapanope</i> de Man, 1895
<i>roseus</i> Nobili, 1906	<i>Parapleuophrycoides roseus</i>	<i>Parapleuophrycoides</i> Nobili, 1906
<i>planissimus</i> Herbst, [1804]	<i>Cancer planissimus</i>	<i>Percnon</i> Gistel, 1848
<i>excelsus</i> Heller, 1862	<i>Perigrapsus excelsus</i>	<i>Perigrapsus</i> Heller, 1862
<i>perlatus</i> Poepfig, 1836	<i>Hepatus perlatus</i>	<i>Pilumnoides</i> Milne Edwards & Lucas, [1844]
<i>hirtellus</i> Linnaeus, 1761	<i>Cancer hirtellus</i>	<i>Pilumnus</i> Leach, 1815
<i>hirtipes</i> Heller, [1865]	<i>Pinnaxodes hirtipes</i>	<i>Pinnaxodes</i> Heller, [1865]
<i>cylindricum</i> Say, 1818	<i>Pinnotheres cylindricum</i>	<i>Pinnixa</i> White, 1846
<i>laevigata</i> Milne Edwards & Lucas [1844]	<i>Pinnotherelia laevigata</i>	<i>Pinnotherelia</i> Milne Edwards & Lucas [1844]
<i>pisum</i> Linnaeus, 1767	<i>Cancer pisum</i>	<i>Pinnotheres</i> Latreille, [1802—1803]

<i>Specific name proposed to be placed on the "Official List of Specific Names in Zoology"</i>	<i>Combination in which name specified in Col. 1 was originally published</i>	<i>Name of genus of which species specified in Col. 1 is the type species</i>
(1)	(2)	(3)
<i>spectabilis</i> de Man, 1896	<i>Platychirograpsus spectabilis</i>	<i>Platychirograpsus</i> de Man, 1896
<i>gracilipes</i> Alcock, 1894	<i>Platypilumnus gracilipes</i>	<i>Platypilumnus</i> Alcock, 1894
<i>orbignyi</i> Milne Edwards & Lucas [1844]	<i>Xantho orbignyi</i>	<i>Platyxanthus</i> Milne Edwards, 1863
<i>cupulifer</i> Latreille, 1825	<i>Pilumnus cupulifer</i>	<i>Polydectus</i> Milne Edwards, 1837
<i>spinicarpus</i> Milne Edwards, 1852	<i>Prionoplax spinicarpus</i>	<i>Prionoplax</i> Milne Edwards, 1852
<i>gigas</i> Lamarck, 1818	<i>Cancer gigas</i>	<i>Pseudocarcinus</i> Milne Edwards, 1834
<i>carinata</i> Ortmann, 1894	<i>Pseudopinnixa carinata</i>	<i>Pseudopinnixa</i> Ortmann, 1894
<i>quadridentata</i> Latreille, 1825	<i>Melia quadridentata</i>	<i>Pseudorhombila</i> Milne Edwards, 1837
<i>stridulans</i> Wood-Mason, 1892	<i>Psopheticus stridulans</i>	<i>Psopheticus</i> Wood-Mason, 1892
<i>glaber</i> Stimpson, 1858	<i>Ptychognathus glaber</i>	<i>Ptychognathus</i> Stimpson, 1858
<i>granulosus</i> Milne Edwards, 1879	<i>Pyxidognathus granulosus</i>	<i>Pyxidognathus</i> Milne Edwards, 1879
<i>harrisii</i> Gould, 1841	<i>Pilumnus harrisii</i>	<i>Rhithropanopeus</i> Rathbun, 1898
<i>gracilipes</i> Stimpson, 1858	<i>Rhizopa gracilipes</i>	<i>Rhizopa</i> Stimpson, 1858
<i>convexus</i> Milne Edwards, 1867	<i>Ruppellioides convexus</i>	<i>Ruppellioides</i> Milne Edwards, 1867
<i>crassum</i> Dana, 1851	<i>Samartium crassum</i>	<i>Samartium</i> Dana, 1851
<i>spinosipes</i> Stimpson, 1858	<i>Scalopidia spinosipes</i>	<i>Scalopidia</i> Stimpson, 1858
<i>granulatus</i> Rathbun, 1893	<i>Scleroplax granulatus</i>	<i>Scleroplax</i> Rathbun, 1893
<i>carolinensis</i> Stimpson, 1859	<i>Speocarcinus carolinensis</i>	<i>Speocarcinus</i> Stimpson, 1859

<i>Specific name proposed to be placed on the "Official List of Specific Names in Zoology"</i>	<i>Combination in which name specified in Col. 1 was originally published</i>	<i>Name of genus of which species specified in Col. 1 is the type species</i>
(1)	(2)	(3)
<i>nitidus</i> Stimpson, 1858	<i>Sphaerozius nitidus</i>	<i>Sphaerozius</i> Stimpson, 1858
<i>bidentatus</i> Milne Edwards, 1880	<i>Xanthodes bidentatus</i>	<i>Tetraxanthus</i> Rathbun, 1898
<i>scabripes</i> Rathbun, 1898	<i>Tetrias scabripes</i>	<i>Tetrias</i> Rathbun, 1898
<i>anomalipes</i> Miers, 1881	<i>Thaumastoplax anomalipes</i>	<i>Thaumastoplax</i> Miers, 1881
<i>gracilipes</i> White, 1847	<i>Utica gracilipes</i>	<i>Utica</i> White, 1847
<i>litteratus</i> Fabricius, 1798	<i>Cancer litteratus</i>	<i>Varuna</i> Milne Edwards, 1830
<i>murigera</i> White, 1846	<i>Xanthasia murigera</i>	<i>Xanthasia</i> White, 1846
<i>sternberghii</i> Stimpson, 1859	<i>Xanthodius sternberghii</i>	<i>Xanthodius</i> Stimpson, 1859
<i>moebii</i> Richters, 1880	<i>Xenophthalmodes moebii</i>	<i>Xenophthalmodes</i> Richters, 1880
<i>pinnotheroides</i> White, 1846	<i>Xenophthalmus pinnotheroides</i>	<i>Xenophthalmus</i> White, 1846
<i>aeneus</i> Linnaeus, 1758	<i>Cancer aeneus</i>	<i>Zosimus</i> Leach, 1823
<i>carinipes</i> Heller, 1861	<i>Zozymodes carinipes</i>	<i>Zozymodes</i> Heller, 1861
	<i>Opinion 104</i>	
<i>pagurus</i> Linnaeus, 1758	<i>Cancer pagurus</i>	<i>Cancer</i> Linnaeus, 1758
<i>norvegicus</i> Linnaeus, 1758	<i>Cancer norvegicus</i>	<i>Nephrops</i> [Leach], [1814]
<i>annulicornis</i> Leach, 1815	<i>Pandalus annulicornis</i>	<i>Pandalus</i> Leach, 1815

ANNEXE 2

Specific names of nine nominal species which are subjectively identified with nominal species of later date which are the type species of genera, the names of which were placed on the "Official List of Generic Names in Zoology" in the period up to the end of 1936

Specific name proposed to be placed on the "Official List of Specific Names in Zoology".

Remarks
(not for inclusion in the entry to be made in the *Official List*)

(1)

(2)

savignyi (correction of *savignii*)
Milne Edwards, 1834, as published in the combination *Cancer savignii*.

The name *savignyi* Milne Edwards, 1834, is a senior subjective synonym of *granulatus* de Haan, [1835], as published in the combination *Cancer (Actaea) granulatus*, the specific name of the type species of *Actaea* de Haan, [1833].

punctatus Linnaeus, 1767, as published in the combination *Cancer punctatus*.

The name *punctatus* Linnaeus, 1767, is a senior subjective synonym of *latreilli* Leach, 1817, as published in the combination *Persephona latreilli*, the specific name of the type species of *Persephona* Leach, 1817.

vigil Weber, 1795, as published in the combination *Portunus vigil*.

The name *vigil* Weber, 1795, is a senior subjective synonym of *spinosus* Lamarck, 1801, as published in the combination *Podophthalmus* [sic] *spinosus*, the specific name of the type species of *Podophthalmus* Lamarck, 1801.

cheiragonus Tilesius, 1815, as published in the combination *Cancer cheiragonus*.

The name *cheiragonus* Tilesius, 1815, is a senior subjective synonym of *serratus* White, 1846, as published in the combination *Telmessus serratus*, the specific name of the type species of *Telmessus* White, 1846.

Specific name proposed to be placed on the "Official List of Specific Names in Zoology".

Remarks
(not for inclusion in the entry to be made in the *Official List*)

(1)

(2)

frontalis Milne Edwards, 1834, as published in the combination *Ozius frontalis*.

The name *frontalis* Milne Edwards, 1834, is a senior subjective synonym of *kotschii* Heller, 1861, as published in the combination *Epixanthus kotschii*, the specific name of the type species of *Epixanthus* Heller, 1861.

rhomboides Linnaeus, 1758, as published in the combination *Cancer rhomboides*.

The name *rhomboides* Linnaeus, 1758, is a senior subjective synonym of *bispinosa* Lamarck, 1801, as published in the combination *Ocypoda* [sic] *bispinosa*, the specific name of the type species of *Goneplax* [Leach], [1814].

barbiger Poepfig, 1836, as published in the combination *Gecarcinus barbiger*.

The name *barbiger* Poepfig, 1836, is a senior subjective synonym of *hirtipes* Milne Edwards & Lucas, [1844], as published in the combination *Paraxanthus hirtipes*, the specific name of the type species of *Paraxanthus* Milne Edwards & Lucas, [1844].

minutus Linnaeus, 1758, as published in the combination *Cancer minutus*.

The name *minutus* Linnaeus, 1758, is a senior subjective synonym of *clypeatus* Bowditch, 1825, as published in the combination *Planes clypeatus*, the specific name of the type species of *Planes* Bowditch, 1825.

superba Costa, 1838, as published in the combination *Portunus superba*.

The name *superba* Costa, 1838, is a senior subjective synonym of *longispina* Stimpson, [1871], as published in the combination *Bathynectes longispina*, the specific name of the type species of *Bathynectes* Stimpson, [1871].

ANNEXE 3

Correction of the date given for certain specific names in
" Opinions " 73 and 85

<i>Specific Name concerned</i>	<i>Date cited in the " Opinion "</i>	<i>Corrected date</i>
(1)	(2)	(3)
<i>Opinion 73</i>		
<i>rouxii</i> Guérin-Ménéville, as published in the combination <i>Caphyra rouxii</i>	1830	1832
<i>amica</i> Smith, as published in the combination <i>Hepatella amica</i> ..	1870	1869
<i>signatus</i> Adams & White, as published in the combination <i>Carpilius signatus</i>	1848	[1849]
<i>spongiosus</i> Adams & White, as published in the combination <i>Iphiculus spongiosus</i>	1848	[1849]
<i>polybioides</i> Adams & White, as published in the combination <i>Lissocarcinus polybioides</i> ..	1848	[1849]
<i>rotundatus</i> Adams & White, as published in the combination <i>Lupocyclus rotundatus</i>	1848	[1849]
<i>muriger</i> Adams & White, as published in the combination <i>Tlos muriger</i>	1848	[1849]
<i>fluviatilis</i> Latreille, as published in the combination <i>Trichodactylus fluviatilis</i>	1825	[1828]
<i>Opinion 85</i>		
<i>cinctimanus</i> Adams & White, as published in the combination <i>Carpilius cinctimanus</i>	1848	[1849]
<i>laevigata</i> Milne Edwards & Lucas, as published in the combination <i>Pinnotherelia laevigata</i>	1843	[1844]
<i>orbigny</i> Milne Edwards & Lucas, as published in the combination <i>Xantho orbigny</i>	1843	[1844]
<i>tesselatus</i> Latreille, as published in the combination <i>Grapsus tesselatus</i>	1818	1812

2. **Registration of the present application :** Upon the receipt of Mr. Hemming's paper, the question of placing on the *Official*

List of Specific Names in Zoology the specific names of species of the Order Decapoda specified therein was allotted the Registered Number Z.N.(S.) 985.

II.—THE DECISION TAKEN BY THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

3. Issue of Voting Paper V.P.(O.M.)(55)27 : On 19th September 1955 a Voting Paper (V.P.(O.M.)(55)27) was issued in which each Member of the Commission was asked (1) to state whether he agreed "that, in conformity with the General Directives issued to the International Commission on Zoological Nomenclature by the Thirteenth International Congress of Zoology, Paris, 1948, regarding the placing on the appropriate *Official Lists* and *Official Indexes* of names dealt with in, or otherwise involved in, *Opinions* rendered prior to 1948, the names referred to in Sections (a) and (b) of paragraph 9 of the paper bearing the Registered Number Z.N.(S.) 985 submitted by the Secretary simultaneously with the present Voting Paper [i.e. in the paragraph numbered as above in the paper reproduced in the first paragraph of the present *Direction*] should be placed on the *Official List of Specific Names in Zoology* as there recommended and that the other action recommended in the said paragraph be similarly approved" and (2), if he did not so agree as regards any given item, to indicate that item.

4. Withdrawal of the proposals in regard to three of the specific names submitted with Voting Paper V.P.(O.M.)(55)27 in order to permit of a further study of the issues involved in regard thereto : On 7th October 1955 Mr. Hemming, as Secretary, placed on the Commission's File Z.N.(S.) 985 a Minute withdrawing from the scope of Voting Paper V.P.(O.M.)(55)27 the proposals submitted in regard to three of the specific names dealt with therein, in order to permit of a re-examination of the issues involved in the light of additional information which had just been received. In the same Minute Mr. Hemming drew attention also to the inadvertent omission from the proposals submitted with the foregoing Voting Paper of a recommendation for the addition to

the *Official Index of Rejected and Invalid Specific Names in Zoology* of an Invalid Original Spelling of one of the specific names recommended therein for addition to the *Official List of Specific Names in Zoology*. Mr. Hemming's Minute was in the following terms :—

Withdrawal of proposals relating to three specific names from the scope of Voting Paper V.P.(O.M.)(55)27

MINUTE by FRANCIS HEMMING, C.M.G., C.B.E.,
(*Secretary to the International Commission on Zoological Nomenclature*)

In the case of three specific names on which proposals were submitted with Voting Paper V.P.(O.M.)(55)27 additional information now furnished by Dr. L. B. Holthuis calls for further study of the action required in these cases before decisions are taken thereon by the Commission. The names concerned are the specific names of the type species of the following genera: (1) *Portumnus* [Leach], [1814]; (2) *Pinnotheres* Latreille, [1802—1803]; (3) *Pandalus* Leach, 1815.

2. Accordingly, as Secretary to the Commission, I hereby withdraw from the scope of the foregoing Voting Paper the proposals submitted therein in regard to the specific names referred to above. I further direct that the issues which have now come to light in regard to these names be studied on the under-mentioned Registered Files and that proposals regarding these names be submitted to the Commission as soon as possible :—(a) Z.N.(S.) 1028 (*Pandalus*)⁵; (b) Z.N.(S.) 1029 (*Pinnotheres*)⁶; (c) Z.N.(S.) 1031 (*Portumnus*).⁷

3. I take this opportunity to draw attention to the fact that through some inadvertence the proposal submitted on the foregoing Voting Paper for the addition to the *Official List of Specific Names in Zoology* of the specific name *savignyi* Milne Edwards (H.), as published in the combination *Cancer savignii*, was not accompanied by a corresponding recommendation for the addition of the Invalid Original Spelling *savignii* to the *Official List of Rejected and Invalid Specific Names in Zoology*. Having regard to the fact that in a case such as this the addition of the above name to the *Official Index* is obligatory under the General Directives issued to the Commission by the International Congresses of Zoology, I, as Secretary, hereby direct that a proposal in the foregoing sense be deemed to have been included in the Voting Paper referred to above.

⁵ A decision has since been taken on this case and has been embodied in *Direction* 47, which will be published in the present Section (Section D) of Volume 1.

⁶ A decision has since been taken on this case and has been embodied in *Direction* 45, which will be published in the present Section of Volume 1.

⁷ An application for the settlement of this case by the use of the Commission's Plenary Powers has since been published (Holthuis, 1956, *Bull. zool. Nomencl.* 12 : 99—105; Hemming, 1956, *ibid.* 12 : 105—106).

5. The Prescribed Voting Period : As the foregoing Voting Paper was issued under the One-Month Rule, the Prescribed Voting Period closed on 19th October 1955.

6. Particulars of the Voting on Voting Paper V.P.(O.M.)(55)27 : At the close of the Prescribed Voting Period, the state of the voting on Voting Paper V.P.(O.M.)(55)27 was as follows :—

(a) *Affirmative Votes had been given by the following twenty-four (24) Commissioners (arranged in the order in which Votes were received) :*

Boschma ; Holthuis ; Stoll ; Mayr ; Riley ; Sylvester-Bradley ; Vokes ; Hering ; Jaczewski ; Prantl ; Lemche ; Mertens ; Bonnet ; do Amaral ; Hankó ; Esaki ; Key ; Dymond ; Cabrera ; Hemming ; Miller⁸ ; Bradley ; (J.C.) ; Kühnelt ; Tortonese ;

(b) *Negative Votes :*

None ;

(c) *On Leave of Absence, one (1) :*

Bodenheimer ;

(d) *Voting Papers not returned :*

None.

7. Declaration of Result of Vote : On 1st November 1955, Mr. Hemming, Secretary to the International Commission, acting as Returning Officer for the Vote taken on Voting Paper V.P.(O.M.)(55)27, signed a Certificate that the Votes cast were as set out in paragraph 6 above and declaring that the proposal submitted in the foregoing Voting Paper had been duly adopted and that the decision so taken was the decision of the International Commission in the matter aforesaid.

8. Preparation of the Ruling given in the present “ Direction ” : On 22nd December 1955, Mr. Hemming prepared the Ruling given in the present *Direction* and at the same time signed a

⁸ Commissioner Miller exercised in this case the right conferred by the Thirteenth International Congress of Zoology in Paris, 1948, under which a Commissioner may, if he so desires, signify his willingness to support the view or the majority view, of other members of the Commission (1950, *Bull. zool. Nomencl.* 4 : 50—51).

Certificate that the terms of that Ruling were in complete accord with those of the proposal approved by the International Commission in its Vote on Voting Paper V.P.(O.M.)(55)27, subject (a) to the withdrawal therefrom of the proposals relating to the three specific names specified in the Minute executed by the Secretary on 7th October 1955, and (b) to the inclusion in the *Official Index of Rejected and Invalid Specific Names in Zoology* of a specific name specified in the same Minute which had been rejected by the Commission as being objectively invalid in its Vote on the above Voting Paper. The text of the Minute executed by the Secretary on 7th October 1955 has been reproduced in paragraph 4 of the present *Direction*.

9. Original references : The original references for the specific names placed on the *Official List* and *Official Index* by the Ruling given in the present *Direction* have already been noted in connection with the *Official List of Generic Names in Zoology*, the nominal species bearing the names concerned being either (i) the type species of genera, the names of which have been inscribed on that *List* or (ii) or nominal species which are currently subjectively identified as representing the same taxa as those represented by nominal species which are the type species of such genera.

10. The prescribed procedures were duly complied with by the International Commission on Zoological Nomenclature in dealing with the present case, and the present *Direction* is accordingly hereby rendered in the name of the said International Commission by the under-signed Francis Hemming, Secretary to the International Commission on Zoological Nomenclature, in virtue of all and every the powers conferred upon him in that behalf.

11. The present *Direction* shall be known as *Direction Thirty-Six (36)* of the International Commission on Zoological Nomenclature.

DONE in London, this Twenty-Second day of December, Nineteen Hundred and Fifty-Five.

*Secretary to the International Commission
on Zoological Nomenclature*

FRANCIS HEMMING