

Fig. 48. *Sphaeromopsis serriguberna* Holdich and Harrison, 1981. A, male, dorsal view; B, pleotelson, ventral view. C, maxilliped. (after Javed and Yousuf, 1995a)

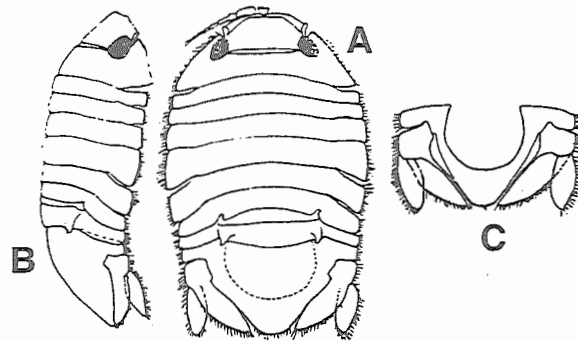


Fig. 49. *Sphaeromopsis petita* Javed and Yousuf, 1997. A, male, dorsal view; B, lateral view; C, ventral view, pleotelson. (after Javed and Yousuf, 1997).

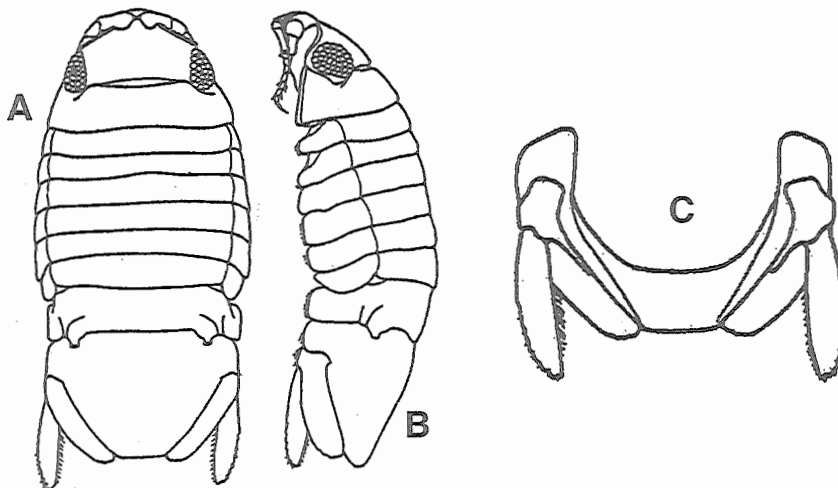


Fig. 50. *Sphaeromopsis amathitis* Holdich and Jones, 1973. A, male, dorsal view; B, lateral view; C, ventral view of pleotelson. (after Holdich and Jones, 1973)

40. Pleonal suture Y-shape with one line reaching to posterior margin of pleon at each lateral side; ventral margin of pleotelson without turned ridges not meeting in posterior mid-line Genus *Paradella* Harrison and Holdich, 1982.
 A single species: *Paradella diana*e (Menzies, 1962).
 Reference: Javed and Ahmed, 1987.

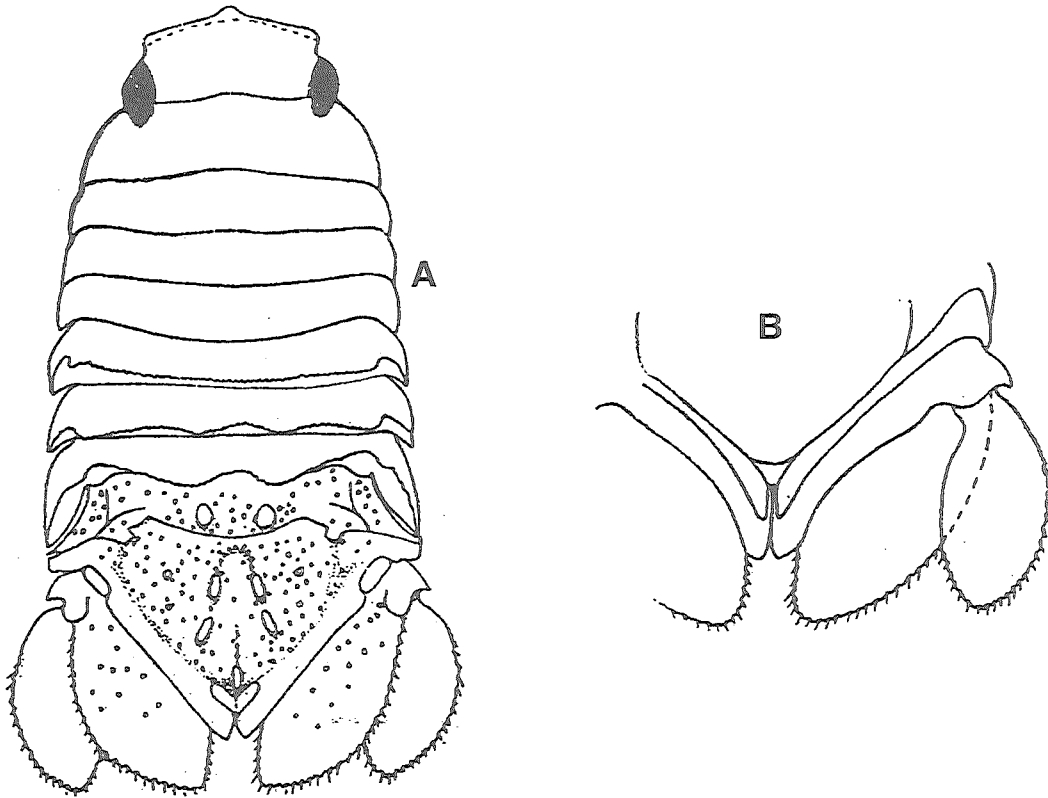


Fig. 51. *Paradella diana*e (Menzies, 1962). A, male, dorsal view; B, ventral view of pleotelson. (after Javed and Ahmed, 1987)

- Pleon with two suture lines reaching posterior margin at each lateral side; ventral margin of pleotelson either with out curved ridges, meeting posterior mid-line Genus *Dynamenella* Hansen, 1905. 41
- Pleon with two long suture lines at either side, one reaching the posterior lateral angle, and the other the posterior margin of the pleonal tergite; pleotelson with three prominent, longitudinal ridges Genus *Pseudocerceis* Harrison and Holdich, 1982.
 A single species: *Pseudocerceis seleneides* Messana, 1988.
 Reference: Messana, 1988.

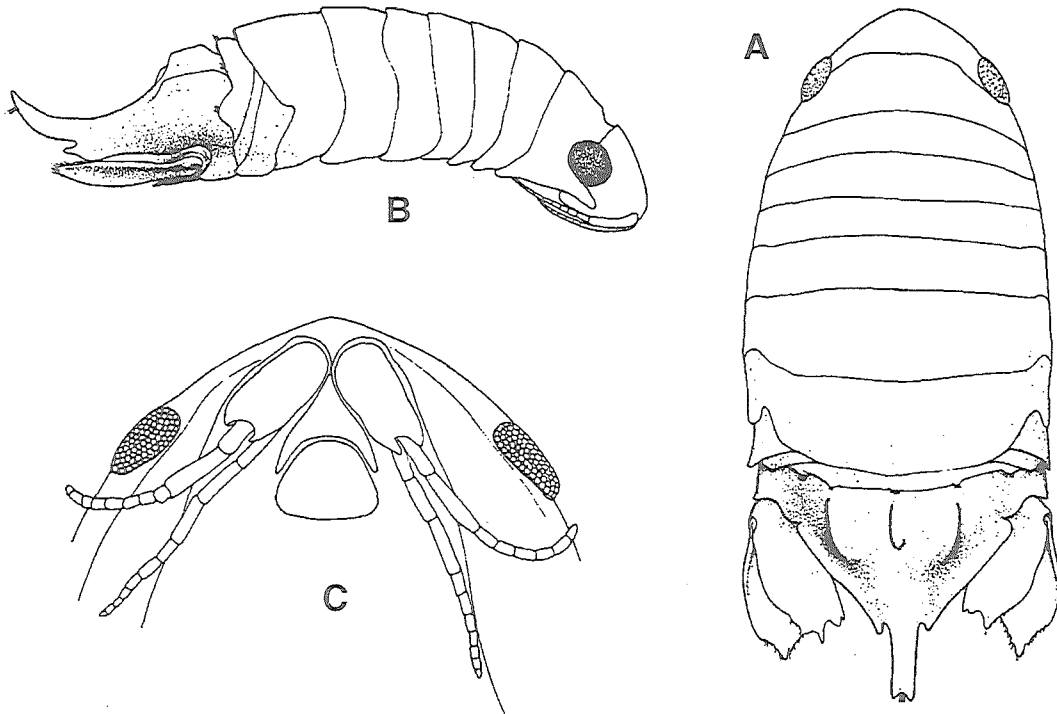


Fig. 52. *Pseudocerceis seleneides* Messana, 1988. A, male, dorsal view; B, lateral view; C, cephalon, ventral view. (after Messana, 1988)

41. Body surface pubescent. Pereonite 5-7 with granulated transverse lines. Pleon with a pair of submedian tubercles. Pleotelson with a median pair of longitudinal rows of tubercles. Subapical foramen circular and opened posteriorly
 *Dynamenella bullejiensis* Javed and Ahmed, 1988.

Reference: Javed and Ahmed, 1988a.

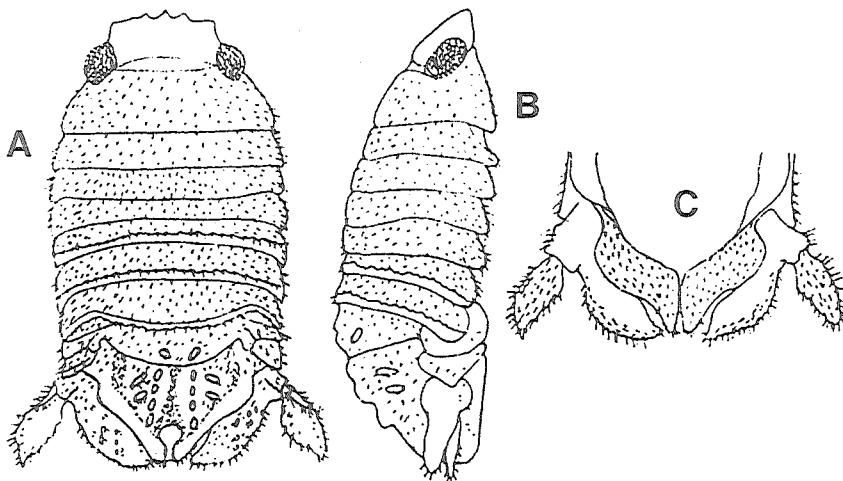


Fig. 53. *Dynamenella bullejiensis* Javed and Ahmed, 1988. A, male, dorsal view; B, lateral view; C, pleotelson, ventral view. (after Javed and Ahmed, 1988a)

- Surface of pleon and pleotelson granulated *Dynamenella granulata*
 Javed and Ahmed, 1988.
 Reference: Javed and Ahmed, 1988a.

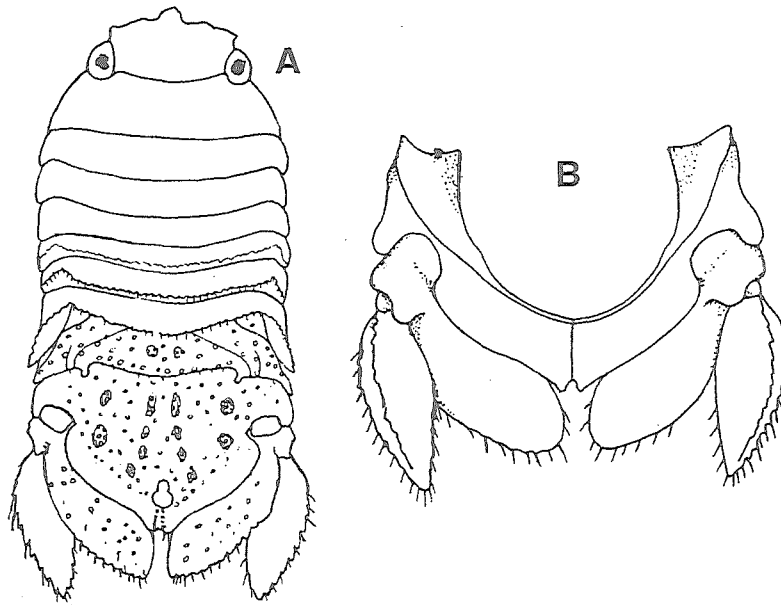


Fig. 54. *Dynamenella granulata* Javed and Ahmed, 1988. A, male, dorsal view; B, ventral view of pleotelson. (after Javed and Ahmed, 1988a)

Not treated: *Dynamenella scaptocephala* Messana, 1990.
 Reference: Messana, 1990.

- 42. Uropod uniramous Genus *Paracilicaea* Stebbing, 1910.
 A single species: *Paracilicaea keijii* Javed, 1990.
 Reference: Javed, 1990.

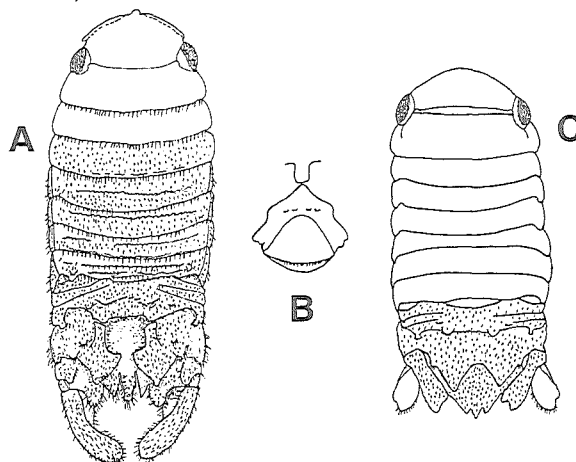


Fig. 55. *Paracilicaea keijii* Javed, 1990. A, male, dorsal view; B, epistome; C, female, dorsal view. (after Javed, 1990)

- Uropod biramous 43
- Uropod endopod reduced, exopod large Genus *Cilicæa* Leach, 1818.
A single species: *Cilicæa latreillei* Leach, 1818.
Reference: Stebbing, 1905.

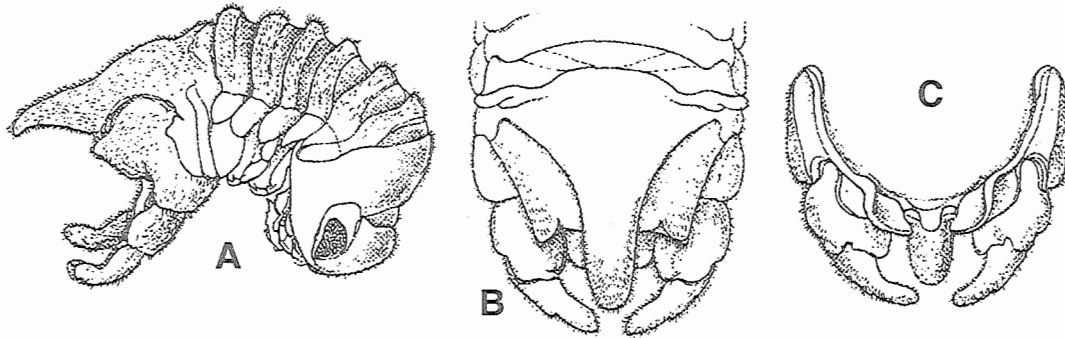


Fig. 56. *Cilicæa latreillei* Leach, 1818. A, male, lateral view; B, pleotelson, dorsal view; C, pleotelson, ventral view. (after Stebbing, 1905)

- 43. Uropod exopod not lanceolate; penes fused at base, appendix masculina recurved
..... Genus *Clianella* Boone, 1923.
A single species: *Clianella amblysinæ* (Pillai, 1954).
Reference: Javed and Yousuf, 1995b.

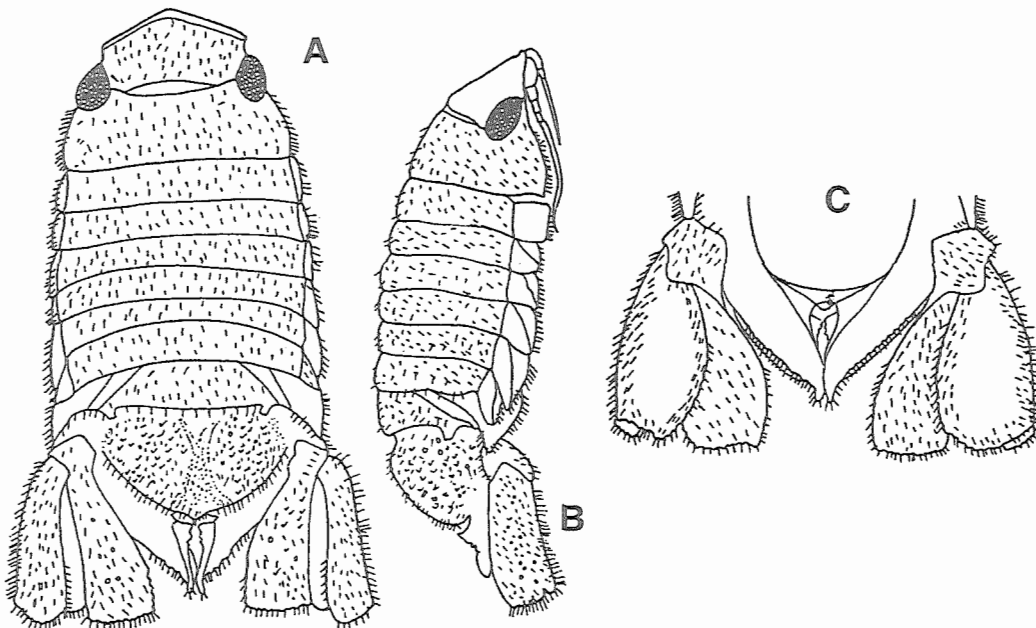


Fig. 57. *Clianella amblysinæ*, (Pillai, 1954). A, male, dorsal view; B, same, lateral view; C, pleotelson, ventral view. (after Javed and Yousuf, 1995b)

- Uropod exopod lanceolate; penes not fused at base, appendix masculina not recurved 44
- 44. Apex of pleotelson rounded Genus *Sphaeroma* Latreille, 1802 45
- Apex of pleotelson divided by a median lobe Genus *Cymodoce* Leach, 1814.

Not treated: *Cymodoce spinula* Yousuf and Javed, 2002.
 Reference: Yousuf and Javed, 2002.

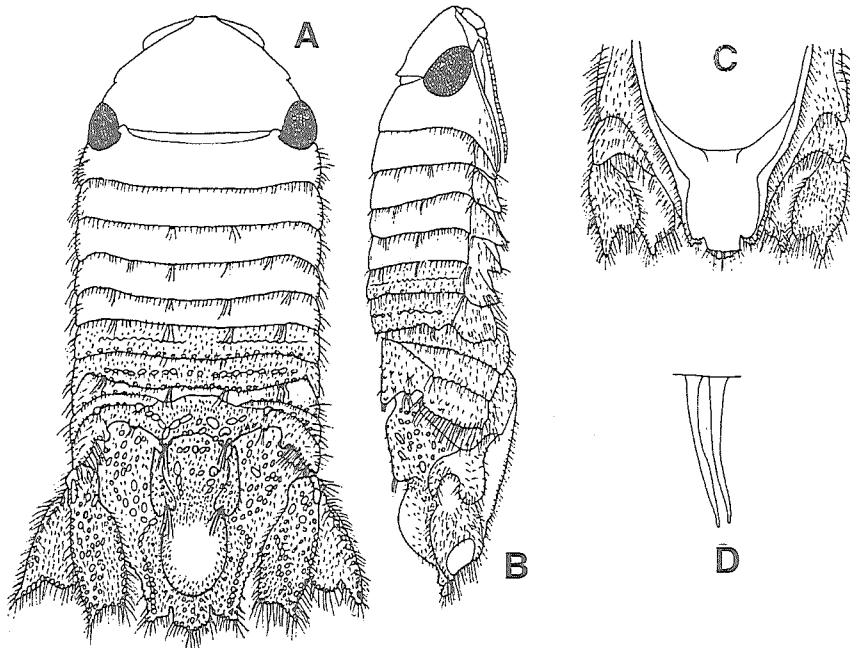


Fig. 58. *Cymodoce spinula* Yousuf and Javed, 2002. A, male, dorsal view; B, lateral view; C, ventral view of pleotelson; D, penes. (after Yousuf and Javed, 2002)

Not treated: *Cymodoce richardsoniae* Nobili, 1906.
 Reference: Hogarth, 1989.

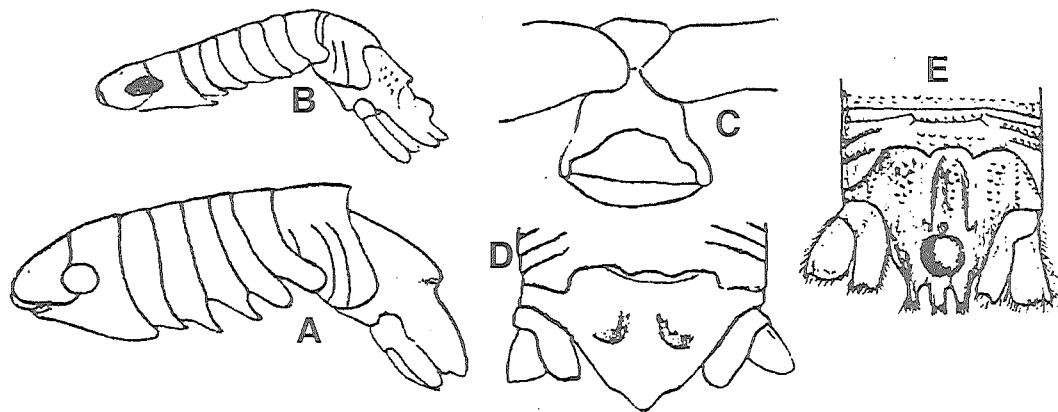


Fig. 59. *Cymodoce richardsoniae* Nobili, 1906. A, male, lateral view; B, female, lateral view; C, epistome; D, pleotelson female, dorsal view; E, same, male, dorsal view. (after Nobili, 1906)

Not treated Genus: *Oxinasphaera* Bruce, 1997

A single species: *Oxinasphaera penteumbonta* Benvenuti *et al.*, 2000.

Reference: Benvenuti *et al.*, 2000.

45. Dorsum of pleotelson with 4 stout tubercles in a transverse row near the anterior margin *Sphaeroma terebrans* Bate, 1866.
Reference: Barkati and Tirmizi, 1990.

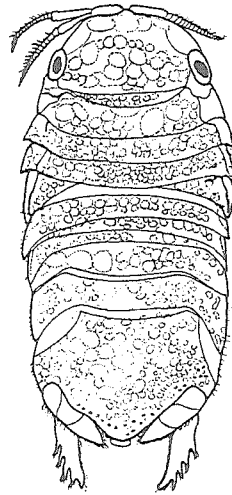


Fig. 60. *Sphaeroma terebrans* Bate, 1866. Male, dorsal view. (after Barkati and Tirmizi, 1991)

- Dorsum of pleotelson with 2 longitudinal rows of stout tubercles near midline
..... *Sphaeroma walkeri* Stebbing, 1905.
Reference: Joshi and Bal, 1959; Ghani and Ali, 2001.

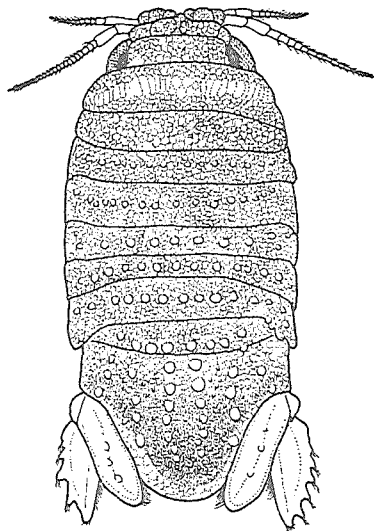


Fig. 61. *Sphaeroma walkeri* Stebbing, 1905. Male, dorsal view. (after Kazmi, unpublished)

Not treated: *Sphaeroma annandalei* Stebbing, 1911.
 Reference: Joshi and Bal, 1959.

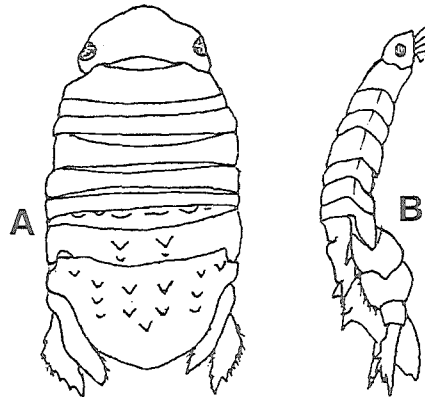


Fig. 62. *Sphaeroma annandalei* Stebbing, 1911. A, male, dorsal view; B, lateral view. (after Stebbing, 1911)

Not treated: *Sphaeroma globicauda* Dana, 1853.
 Reference: Stebbing, 1904.

46. Both uropodal rami flattened 47
 - Uropod with one or both rami hook-like Family Limnoriidae White, 1850.
 Body oblong, buccal mass very prominent below. Mandibles very strong. Maxillipeds slender. Anterior pereopods somewhat shorter than the posterior; dactyli in all pairs provided with secondary claw. Pleopods with lamellar rami, (except the last). Uropods with outer ramus short, unguiform, inner linear wood-boring A single genus: *Limnoria* Leach, 1814.
 Not treated: *Limnoria bombayensis* Pillai, 1961.
 Reference: Palekar and Bal, 1957.
 Not treated: *Limnoria bituberculata* Pillai, 1957.
 Reference: Pillai, 1957.

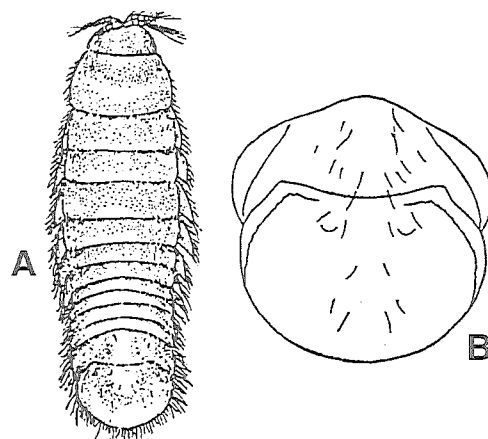


Fig. 63. *Limnoria bituberculata* Pillai, 1957. A, male, dorsal view; B, pleotelson. (after Pillai, 1961)

Not treated: *Limnoria platycauda* Menzies, 1957.

Reference: Karande *et al.*, 1993.

Not treated: *Limnoria indica* Becker and Kampf, 1958.

Reference: Cookson, 1991.

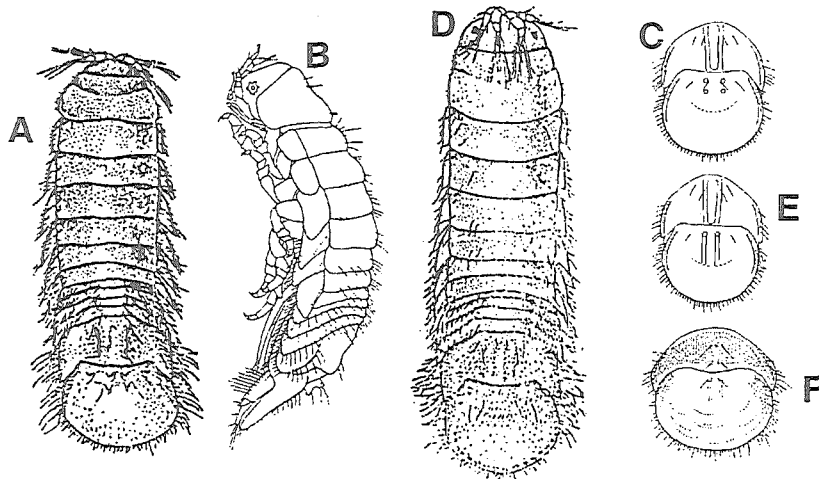


Fig. 64. *Limnoria indica* Becker and Kampf, 1958. A, male, dorsal view; B, same, lateral view; C, pleonite 5 and pleotelson, dorsal view; D, female, dorsal view; E, pleonite 5 and pleotelson, dorsal view (after Cookson, 1991). F, *Limnoria platycauda* Menzies, 1957, pleotelson of male (after Menzies and Glynn, 1968).

Not treated: *Limnoria tripunctata* Menzies, 1951.

Reference: Cookson, 1991.

- 47. Pereiopods 4-7 prehensile (dactyli longer than propodi and markedly curved); antenna reduced, without clear distinction between peduncle and flagellum; maxillipedal palp 2-articulate Family Cymothoidae Leach, 1818 64
- Pereiopods 4-7 ambulatory (dactyli shorter than propodi and not markedly curved); antenna not as above, with clear distinction between peduncle and flagellum; maxillipedal palp 2-5 articulate 48

- 48. Maxilliped and maxilla with stout, recurved apical spines; maxillule lateral lobe forms a slender stylet; maxillule medial lobe small, without stout circumplumose spines; mandible sometimes with molar process, usually without lacinia mobilis Family Aegidae Leach, 1815.

Eyes separated by a space equal to basal width of rostral point; epimera of all segments, from the second to the seventh inclusive, distinctly separated from the segments.

A single species: *Aega ventrosa* Sars, 1859.

Reference: Barnard, 1936.

- Maxilliped and maxilla without stout, recurved apical spines; maxillule lateral lobe does not form a slender stylet; maxillule medial lobe with or without stout

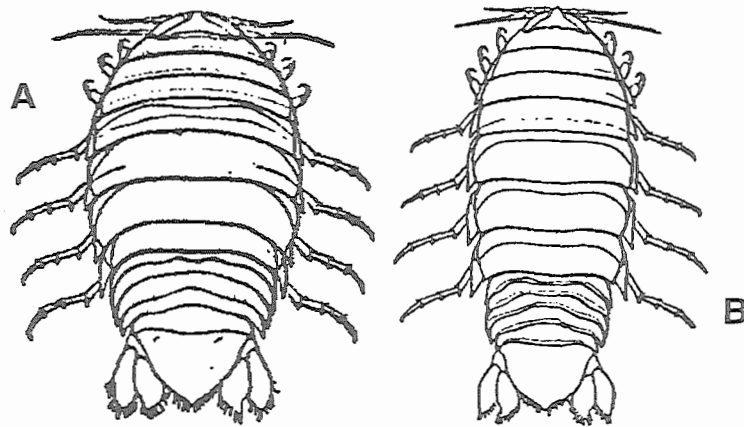


Fig. 65. *Aega ventrosa* Sars, 1859. A, male, dorsal view; B, female, dorsal view. (after Schioedte and Meinert, 1879 in Richardson, 1905).

- circumplumose spines; mandible with or without lacinia mobilis and molar process 49
49. Mandible with well-developed lacinia mobilis and large, spinose, bladelike molar process; maxilliped with endite; maxillule lateral lobe with 11-14 apical spines; maxillule medial lobe large, with 3-4 stout, circumplumose spines; maxilla biramous Family Cirolanidae Dana, 185250
- Mandible with lacinia mobilis absent, or represented by small feeble spine row; maxilliped without endite; maxillule medial lobe small, without 3-4 stout circumplumose spines; maxilla uniramous Family Corallanidae Hansen, 189059
50. Pleonite 5 with free lateral margins. Clypeus with downwardly projecting blade Subfamily Eurydicinae Racovitza, 1912.....51
- Pleonite 5 with lateral margin hidden by those of pleonite 4. Clypeus flat Subfamily Cirolaninae Harger, 1880.....52
51. Uropod peduncle not produced. Antennule peduncle article 1 longer than article 2 or 3; antennule article 2 arising at right angle to article 1; maxilliped endite barely reaching or extending barely beyond first palp article; maxilliped endite without coupling setae; lateral margins of pleonite 5 not encompassed by pleonite 4 Genus *Eurydice* Leach, 1815.
- Not treated: *Eurydice peraticis* Jones, 1971.
Reference: Jones, 1971.
- Not treated: *Eurydice indicis* Eleftheriou and Jones, 1976.
Reference: Eleftheriou and Jones, 1976.
- Not treated: *Eurydice* sp.
Reference: Pillai, 1967, as *Eurydice pulchra* Leach. Reference to change: Jones, 1974.
- Uropod peduncle produced distomedially. Antennule peduncle with 4 or 5 articles; maxilliped endite with single coupling hook; pleonite 5 with free lateral margins, not

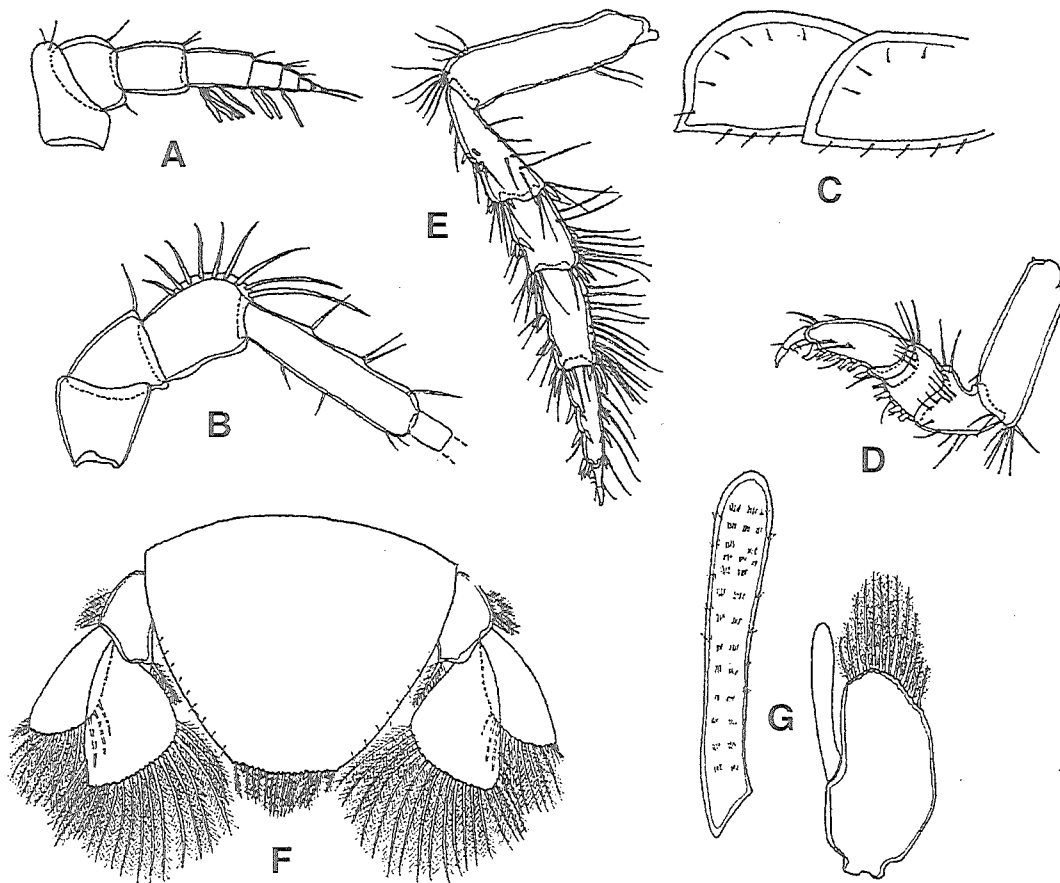


Fig. 66 . *Eurydice peraticis* Jones, 1971. A, male, antennule; B, peduncle of antenna; C, epimera 6-7; D, pereopod I; E, pereopod 7; F, telson and uropod; G, appendix masculina. (after Jones, 1974).

overlapped by pleonite 7 Genus *Excirolana* (Richardson, 1912)

A single species: *Excirolana orientalis* (Dana, 1853)

Reference: Joshi and Bal, 1959, as *Cirolana bombayensis*

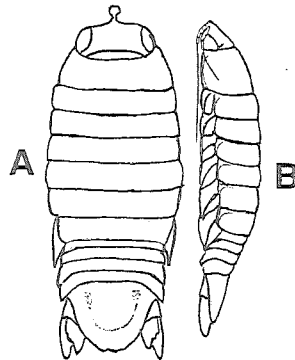


Fig. 67. *Excirolana orientalis* (Dana, 1853). A, male, dorsal view; B, same, lateral view. (after Yasmeen, this issue)

52. Clypeus flat..... 54
 - Clypeus projecting ventrally.....Genus *Atarbolana* Bruce and Javed, 1987 53
53. Appendix masculina without distal notch *Atarbolana exoconta* Bruce and Javed, 1987.
 Reference: Bruce and Javed, 1987.

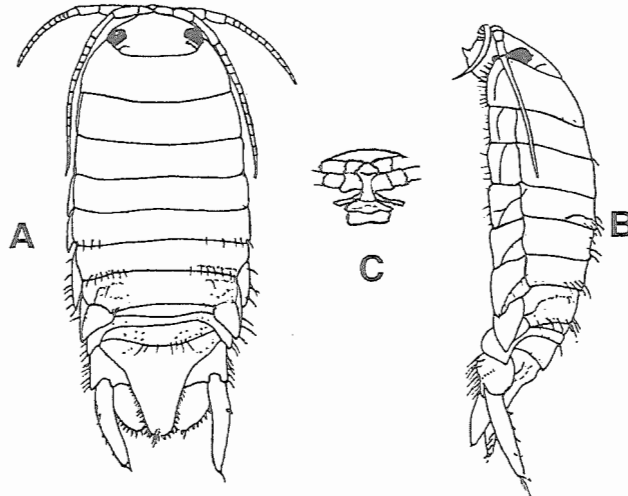


Fig. 68. *Atarbolana exoconta* Bruce and Javed, 1987. A, male; B, same, lateral view; C, clypeal region. (after Bruce and Javed, 1987)

- Appendix masculina with distal notch..... *Atarbolana setosa* Javed and Yasmeen, 1989
 Reference: Javed and Yasmeen, 1989

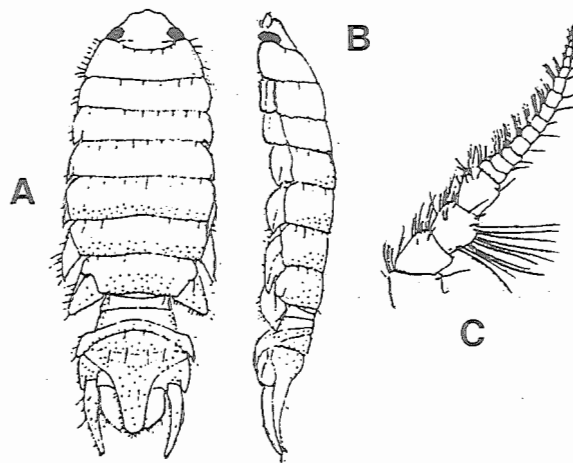


Fig. 69. *Atarbolana setosa* Javed and Yasmeen, 1989. A, male, dorsal view; B, same, lateral view; C, antenna. (after Javed and Yasmeen, 1989)

54. Pereiopods 5-7 natatory (with setose flattened articles).....Genus *Natatolana*
Bruce, 1981

Not treated: *Natatolana hirtipes* (Milne-Edwards, 1840)

Reference: Barnard, 1936 as *Cirolana hirtipes* Milne - Edwards, 1840.

Not treated: *Natatolana insignis* Hobbins and Jones, 1993.

Reference: Barnard, 1936 as *Cirolana albicaudata* Stebbing, 1900.

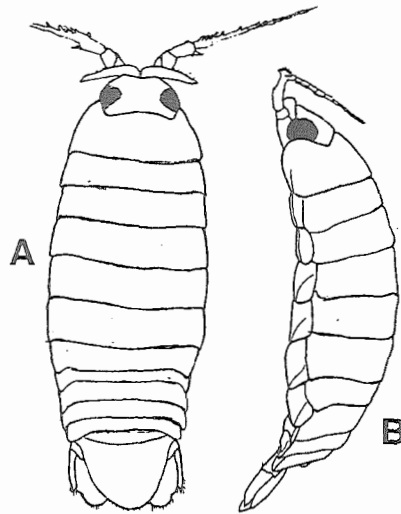


Fig. 70. *Natatolana insignis* Hobbins and Jones, 1993. A, male, dorsal view; B, lateral view. (after Hobbins and Jones, 1993)

- Pereiopods 5-7 ambulatory55

55. Pleopods with accessory respiratory branchiae Genus *Bathynomus*
A. Milne-Edwards, 1879.

A single species: *Bathynomus giganteus* A. Milne-Edwards, 1879

Reference: Wood-Mason and Alcock, 1891.

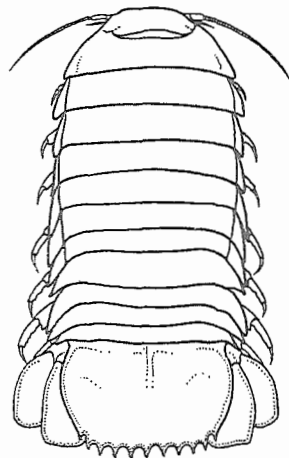


Fig. 71. *Bathynomus giganteus* Milne-Edwards, 1879. Male, dorsal view. (after Alcock and Anderson, 1894).

- Pleopods without accessory respiratory branchiae 56
- 56. Pleopods 3 and 4 endopods without marginal setae.....Genus *Anopsilana*
Delamare-Deboutteville, 1956.
A single species: *Anopsilana pustulosa* (Hale, 1925)
Reference: Bruce, 1986b.
- Pleopods 3 and 4 endopods with marginal setae.....57
- 57. Mandible with broad, tridentate incisor; antennule peduncle article 3 always longer
than 1 or 2; clypeus short, broad, flat, and sessile, not projecting ventrally
Genus *Cirolana* Leach, 1818 58
- Mandible with narrow incisor Genus *Neocirolana* Hale, 1925.
A single species: *Neocirolana arabica* Javed and Yasmeen, 1990.
Reference: Javed and Yasmeen, 1990.

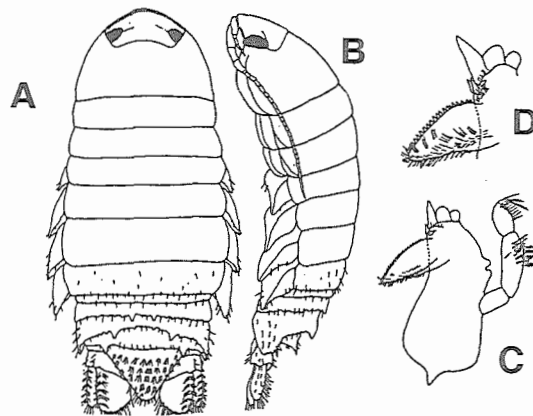


Fig. 72. *Neocirolana arabica*. Javed and Yasmeen, 1990. A, male, dorsal view; B, lateral view; C, mandible; D, mandible, incisor and molar processes. (after Javed and Yasmeen, 1990)

- 58. Lateral margin of uropod exopod convex with 5 minute spines and several setae on
proximal half of telson. Pleotelson with submedian pair of spines and lateral
margins fringed with plumose setae, apex with 8 spines *Cirolana brucei*
Javed and Yasmeen, 1995.
Reference: Javed and Yasmeen, 1995.

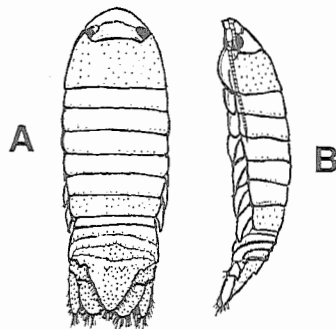


Fig. 73. *Cirolana brucei* Javed and Yasmeen, 1995. A, male, dorsal view; B, same lateral view. (after Javed and Yasmeen, 1995)

- Lateral margin of uropod exopod sinuous, entirely setose. Abundant setae on pleotelson dorsal surface *Cirolana bovina* Barnard, 1940.
Reference: Hogarth, 1989.

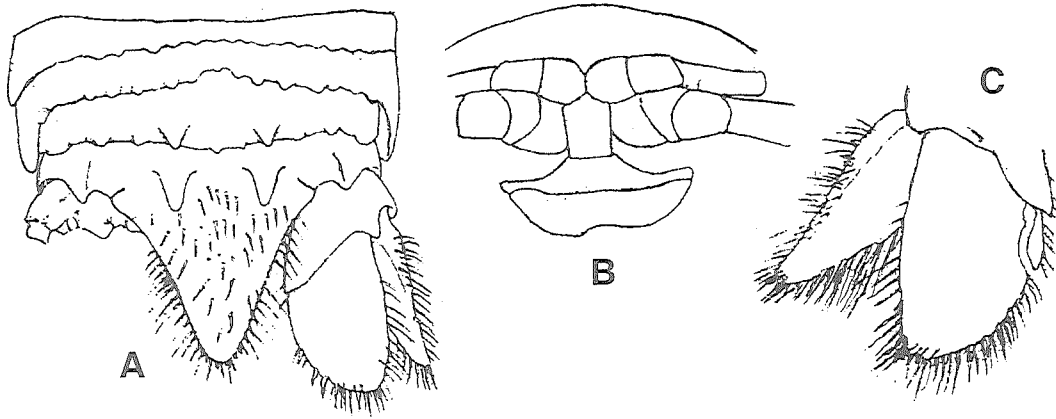


Fig. 74. *Cirolana bovina* Barnard, 1940. A, Pleon and pleotelson; B, clypeal region; C, left uropod. (after Bruce and Javed, 1987)

- Lateral margin of uropod exopod convex with 4 minute spines, scarcely setose. Pleotelson dorsal surface without setae *Cirolana manorae* Bruce and Javed, 1987
Reference: Bruce and Javed, 1987

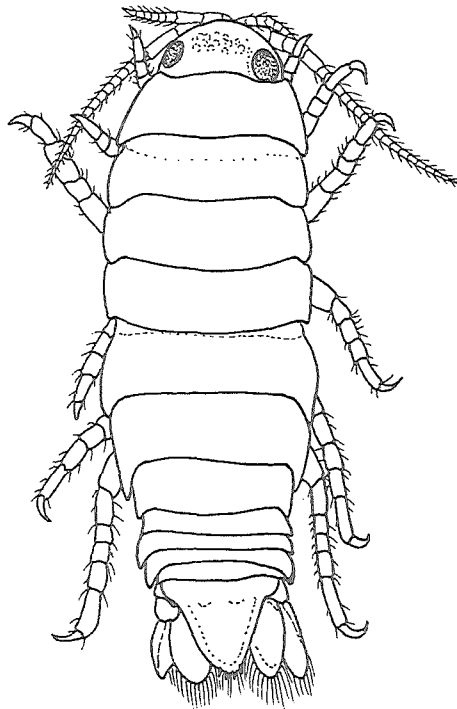


Fig. 75. *Cirolana manorae* Bruce and Javed, 1987. Dorsal view. (after Bruce and Javed, 1987).

Not treated: *Cirolana carina* Jones, 1976

Reference: Hogarth, 1989

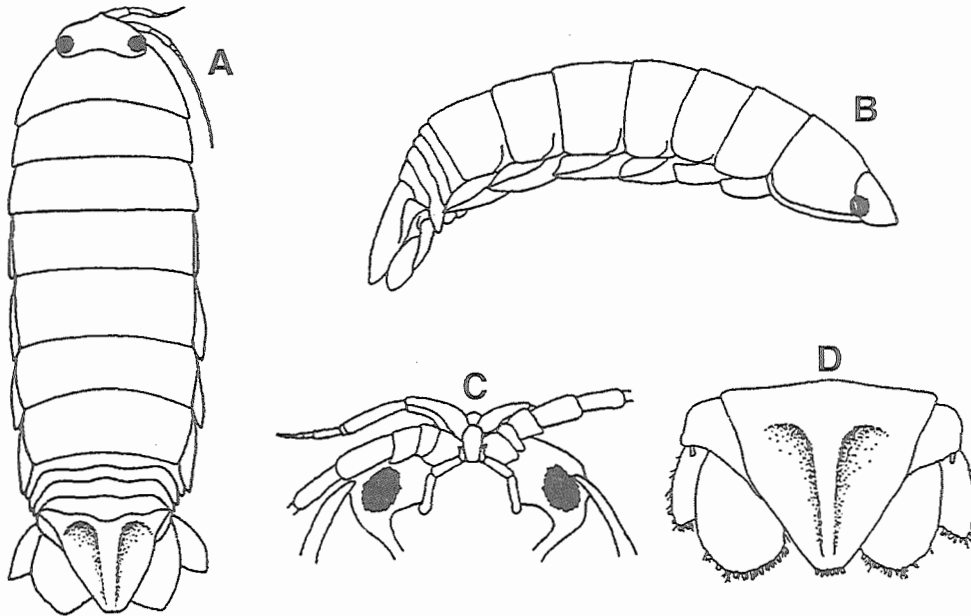


Fig. 76. *Cirolana carina* Jones, 1976. A, male, dorsal view; B, lateral view; C, ventral view of head; D, telson and uropods. (after Jones, 1976)

Not treated: *Cirolana sulcicauda* Stebbing, 1904

Reference: Monod, 1971

Not treated Genus: *Dolicholana* Bruce, 1986.

A single species: *Dolicholana elongata* (Milne-Edwards, 1840).

Reference: Barnard, 1936, as *Cirolana elongata*.

59. Maxillule lateral lobe a single large, falcate spine; maxilla 3- or 4 articulate, apical article sublinear, elongate; mandible with slender trunk and row of small spines behind incisor; mandible incisor not elongate Genus *Lanocira* Hansen, 1890 60
- Maxillule lateral lobe not a single large falcate spine; maxilla a short, rounded lobe; mandible not as above 61
60. Cephalon with distinct rostrum *Lanocira gardineri* Stebbing, 1904.
References: Pillai, 1960; Javed and Yasmeen, 1997.
- Cephalon with upturned rostrum *Lanocira wowine* Yasmeen and Javed, 2000.
Reference: Yasmeen and Javed, 2000.
- Cephalon in male without rostrum *Lanocira zelandica* Stebbing, 1905.
Reference: Pillai, 1954.

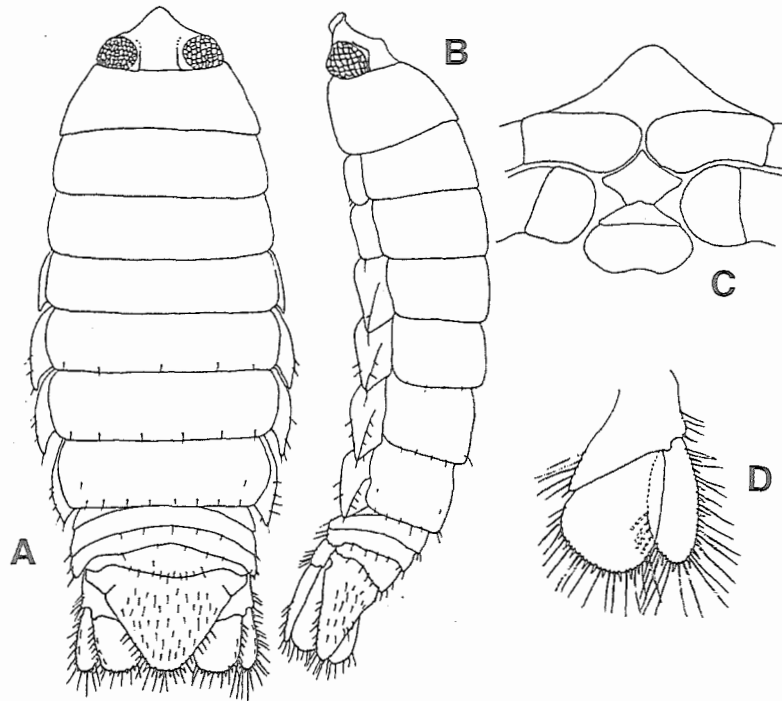


Fig. 77. *Lanocira gardineri* Stebbing, 1904. A, male, dorsal view; B, lateral view; C, clypeal region; D, uropod. (after Javed and Yasmeen, 1992)

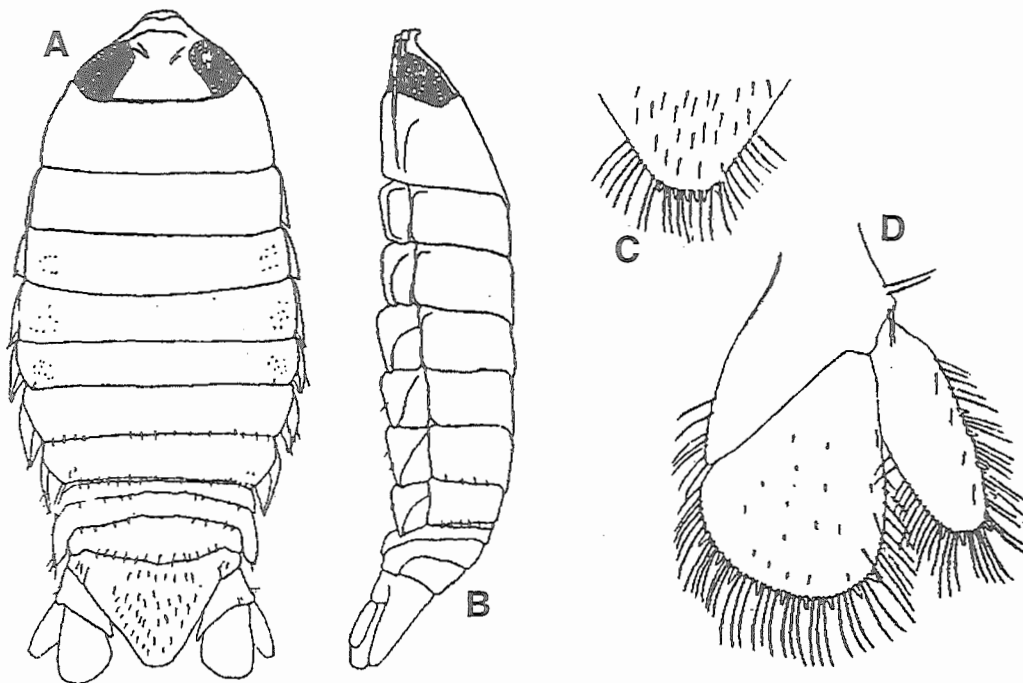


Fig. 78. *Lanocira wowine* Yasmeen and Javed, 2000. A, dorsal view; B, lateral view; C, distal region of pleotelson; D, uropod. (after Yasmeen and Javed, 2000)

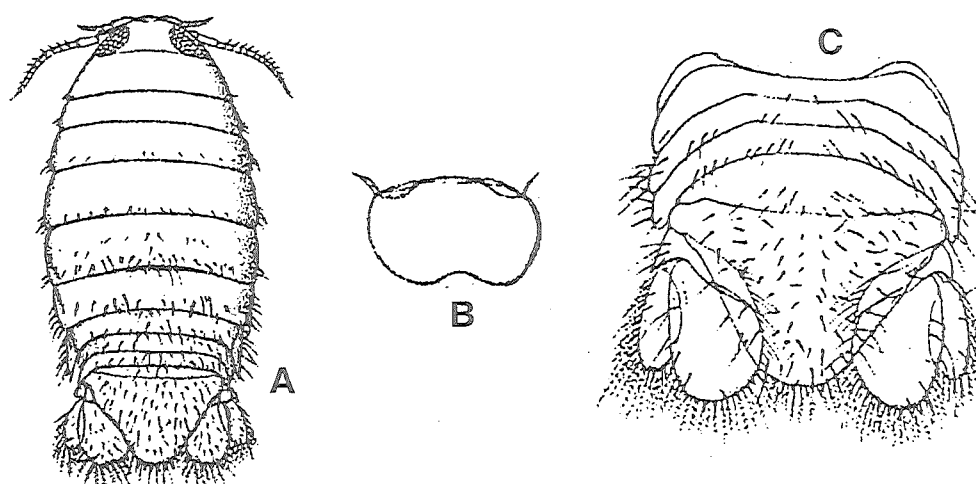


Fig. 79. *Lanocira zeylandica* Stebbing, 1905. A, male, dorsal view; B, cephalon; C, pleotelson and uropods. (after Stebbing, 1905)

61. Maxillule lateral lobe with 1 large falcate spine and 1-4 small hook-like accessory spines; mandible trunk and apex wide, incisor well developed but not elongate or falcate; maxilliped palp 4- or 5 articulate

Genus *Argathona* Stebbing, 1905.

Not treated: *Argathona muraeneae* Bal and Joshi, 1959 (= genus *inquirenda*)

Hosts: *Muraena tessellata* (Day) and *Argyrops spinifer* (Forsk.)

References: Bal and Joshi, 1959; Ghani and Shireen, 1995.

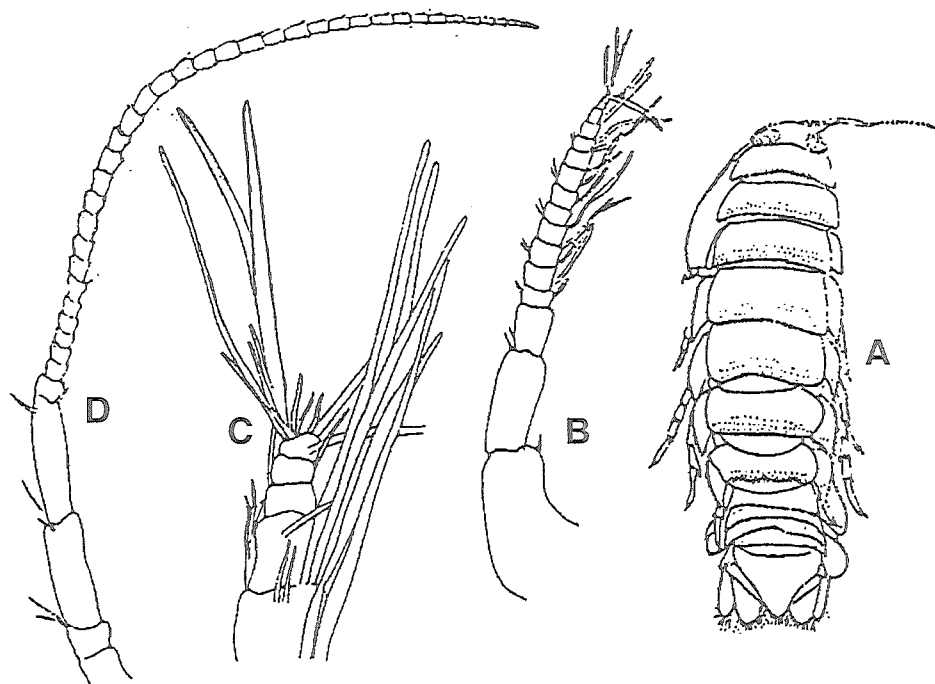


Fig. 80. *Argathona muraeneae* Bal and Joshi, 1959. A, female, dorsal view; B, antennule; C, apical setae of antennule; D, antenna. (after Ghani and Shireen, 1995)

Not treated: *Argathona rhinoceros* (Bleeker, 1857)

Host: *Tetradon leopardus* Day

Reference: Delaney, 1989.

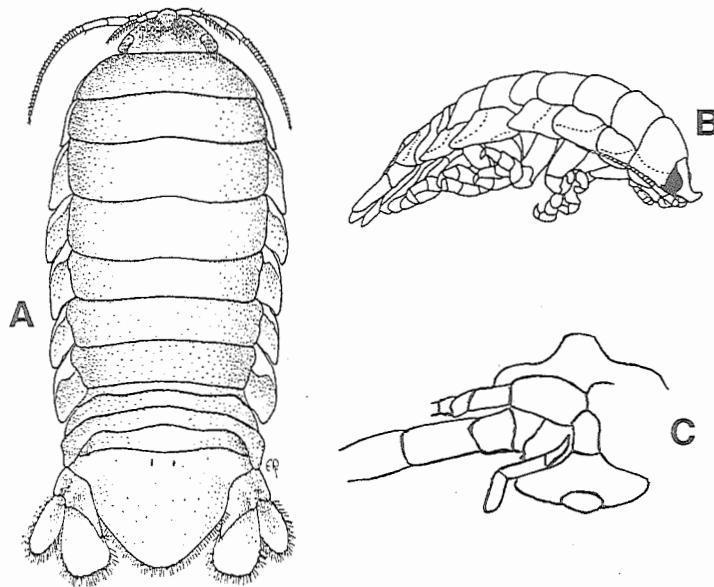


Fig. 81. *Argathona rhinoceros* (Bleeker, 1857). A, male, dorsal view; B, same, female, lateral view; C, clypeal region. (after Delaney, 1989)

Not treated: *Argathona normani* Stebbing, 1905.

Reference: Delaney, 1989.

- Maxillule lateral lobe not as above; mandible trunk and apex narrow, incisor not elongate; maxilliped palp 3-4 or 5- articulate 62
- 62. Maxillule lateral lobe with 2 large falcate spines and 0-3 small accessory spines between the large ones; maxilliped palp always 5 articulate; maxilliped basis not elongate Genus *Alcirona* Hansen, 1896.
A single species: *Alcirona multidigita* (Dana, 1853).
Reference: Kensley, 2001.
- Maxillule lateral lobe with 1 large falcate spine and without small accessory spines; maxilliped palp 3-, 4-5 articulate; maxilliped basis elongate 63
- 63. Maxilliped palp 3-, 4-, or 5-articulate; maxilliped basis length 1.5-2.0 times width; mandible with small monocuspid incisor; inner angle of pereopod I carpus strongly produced; frontal lamina elongate, length 2.0-3.0 times width, quadrangular, rounded anteriorly, narrowing posteriorly Genus *Tachaea* Schitoedt and Meinert, 1879.
A single species: *Tachaea spongilicola* Stebbing, 1907.
Reference: Stebbing, 1907.
- Maxilliped very narrow, palp always 5-articulate; maxilliped basis length 2.0-4.0 times width; mandible with bi or tricuspid incisor; inner angle of pereopod I carpus not produced; frontal lamina not elongate, shape various, occasionally reduced or absent Genus *Corallana* Dana, 1853.

Not treated: *Corallana nodosa* Schioedte and Meinert, 1879.
Reference: Pillai, 1967.

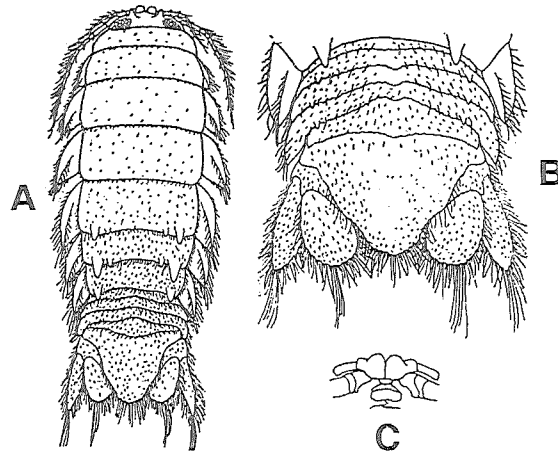


Fig. 82. *Corallana nodosa* Schioedte and Meinert, 1879. A, male, dorsal view; B, pleon and telson (after Pillai, 1961); C, clypeal region. (after Bruce, 1982)

Not treated: *Corallana sculpta* (Milne Edwards, 1840).
Reference: Bruce, 1982.

- 64. Brood pouch without posterior pocket; pleopod rami all lamellar.....65
- Brood pouch with posterior pocket, at least endopod of pleopod 5 with prominent lobes.....67

65. Antennule larger than antenna; maxilliped palp article 3 robust, without setae; pereiopods with relatively long robust dactyli...Genus *Mothocya* Costa in Hope, 1851
Not treated: *Mothocya karobran* Bruce, 1986.
Host: *Strongylura leirua* (Bleeker)
Reference: Bruce, 1986a.

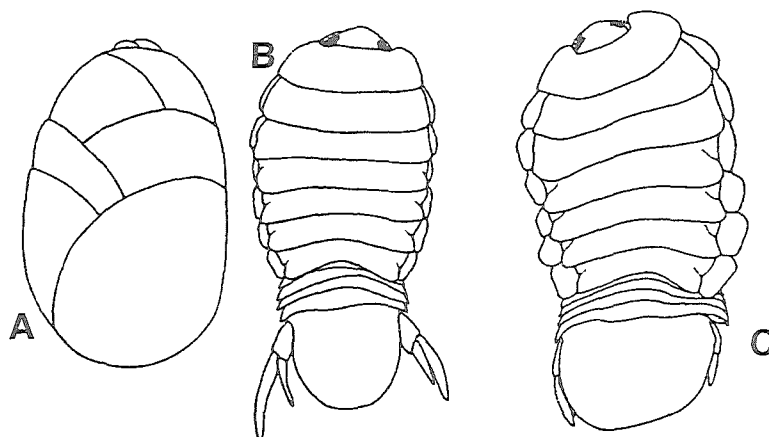


Fig. 83. *Mothocya karobran* Bruce, 1986. A, brood pouch; B, male; C, female. (after Bruce, 1986)

Not treated: *Mothocya renardi* (Bleeker, 1857).

Host: Mackerel.

Reference: Karim, 1975 as *Irona renardi*.

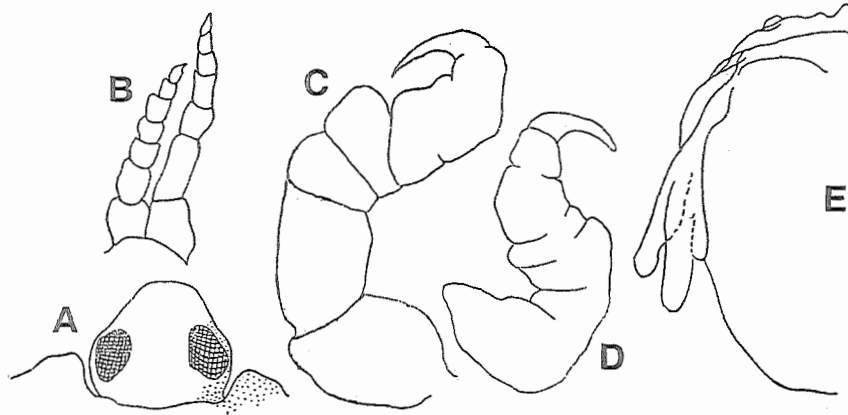


Fig. 84. *Mothocya renardi* (Bleeker, 1857). A, cephalon; B, antennae; C, pereopod I; D, pereopod VII; E, telson. (after Karim, 1975)

Not treated: *Mothocya melanosticta* (Schioedte and Meinert, 1884).

Host: Not given.

Reference: Karim, 1975 as *Irona melanosticta*.

- Antennule shorter than antenna; maxilliped palp article 3 slender, with setae; pereopods with relatively short dactyli.....Genus *Elthusa* Schioedte and Meinert, 1881.....66

- 66. Cephalon with acute rostral point; posterior coxae small, not conspicuous.....*Elthusa propinqua* (Richardson, 1905)

Reference: Barnard, 1936 as *Livoneca propinqua*

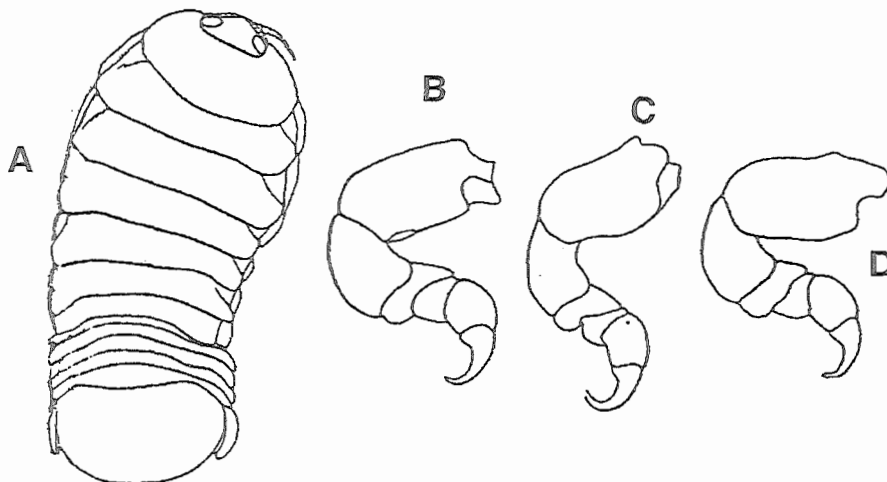


Fig. 85. *Elthusa propinqua* (Richardson, 1904). A, dorsal view; B, pereopod V; C, pereopod VI; D, pereopod VII. (after Richardson, 1905)

- Cephalon anteriorly rounded or truncate; posterior coxae prominent in dorsal view.....*Elthusa raynaudii* Milne Edwards, 1840.
Reference: Menzies, 1962; Shireen, 2001.

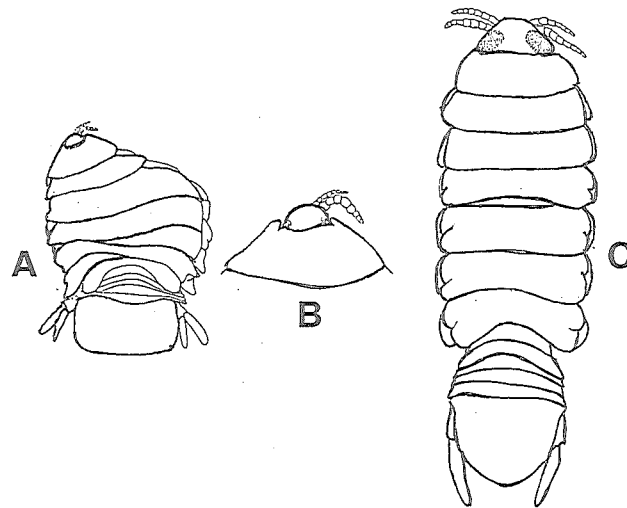


Fig. 86. *Elthusa raynaudii* H. Milne-Edwards, 1840. A, female, dorsal view; B, pereonite I and head; C, male, dorsal view. (after Shireen, 2001)

- 67. Pleonites 1 and 2 with ventrolateral processes; uropods extending beyond posterior of pleotelson..... Genus *Nerocila* Leach, 1818.....68
- Pleonites 1 and 2 without ventrolateral processes; uropods not extending beyond posterior of pleotelson Genus *Norileca* Bruce, 199071
- 68. Uropodal exopod and endopod elongate *Nerocila phaiopleura* Bleeker, 1857
Host: *Chiracentrus nudus* (Swainson)
Reference: Shireen, 2001

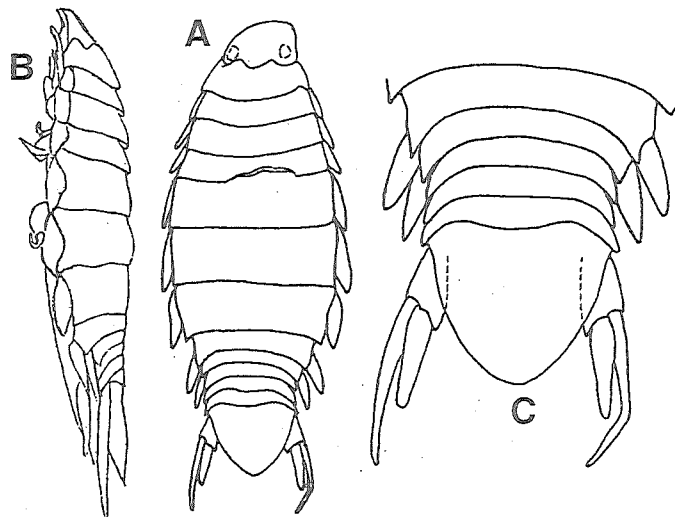


Fig. 87. *Nerocila phaiopleura* Bleeker, 1857. A, female, dorsal view; B, same, lateral view (after Shireen, 2001); C, pleon and pleotelson. (A, C after Bowman and Tareen, 1983)

- Uropodal exopod curved, endopod broad with serration.....69
- 69. 1st proximal segments of antennule swollen, close together. Head narrowed anteriorly *Nerocila kisra* Bowman and Tareen, 1983.
 Host: *Johnius sina* (Cuvier), *Otolithus argenteus* Cuvier, *Pomadasys maculatus* (Bloch).
 Reference: Bowman and Tareen, 1983.

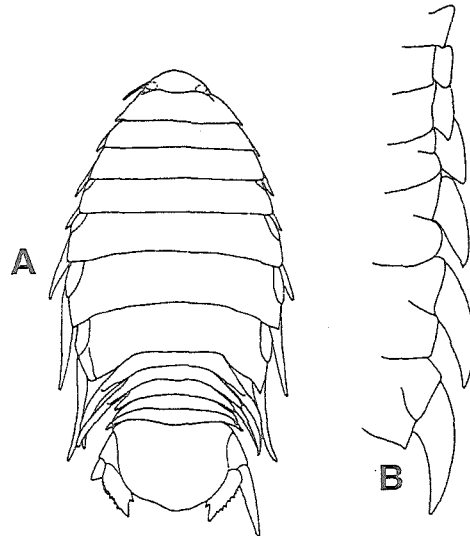


Fig. 88. *Nerocila kisra* Bowman and Tareen, 1983. A, female, dorsal view; B, pereon, lateral part. (after Bowman and Tareen, 1983)

- 1st proximal segments of antenna not swollen, well sparated. Head broad anteriorly..... 70
- 70. Telson evenly rounded posteriorly, without caudomedial lobe
Nerocila sigani Bowman and Tareen, 1983
 Host: *Siganus oramin* (Bloch and Scheider).
 Reference: Kensley, 2001.

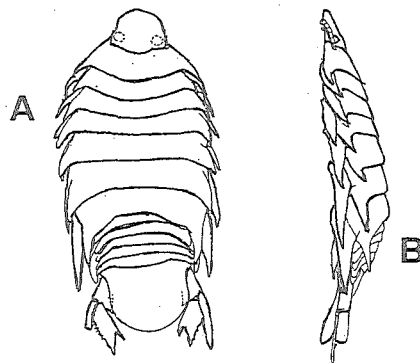


Fig. 89. *Nerocila sigani* Bowman and Tareen, 1983. A, female, dorsal view; B, same, lateral view. (after Bowman and Tareen, 1983)

Telson with distinct caudomedial lobe.....*Nerocila serra* Schioedte and Meinert, 1881
 Host: *Mugil dussumeiri maculatus* (Bloch).
 Reference: Karim, 1975.

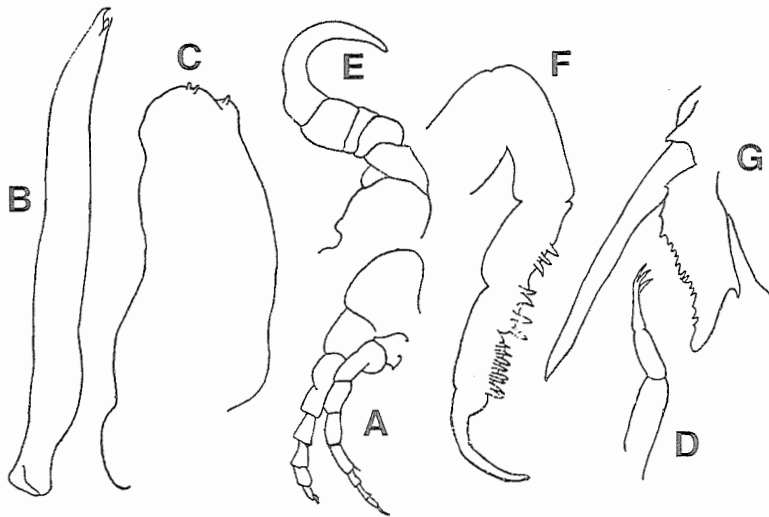


Fig. 90. *Nerocila serra* Schioedte and Meinert, 1881. A, antennae; B, maxilla I; C, maxilla II; D, palp of mandible; E, pereopod I; F, pereopod VII; G, telson. (after Karim, 1975)

Not treated: *Nerocila depressa* Milne-Edwards, 1840= *Nerocila pigmentata*
 Bal and Joshi, 1959.
 Host: Mugil.
 References: Karim, 1975; Shireen, 2001.

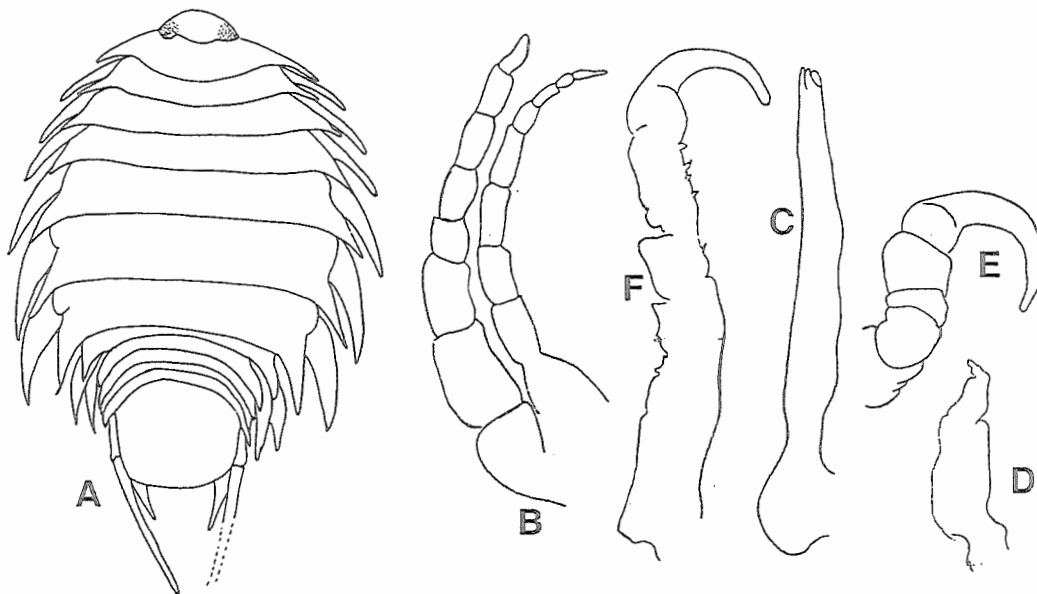


Fig. 91. *Nerocila depressa* Milnes-Edwards, 1840. A, female, dorsal view (after Shireen, 2001); B, antennae; C, maxilla I; D, maxilliped; E, pereopod I; F, pereopod VII; (after Karim, 1975)

71. Body weakly vaulted about 2.0 times as long as wide, widest at pereonite 4, twisted to right side, cephalon moderately immersed in pereonite 1 *Norileca borealis* Javed and Yasmeen, 1999.

Host: *Rastrelliger kanagurta* (Cuvier).

Reference: Javed and Yasmeen, 1999.

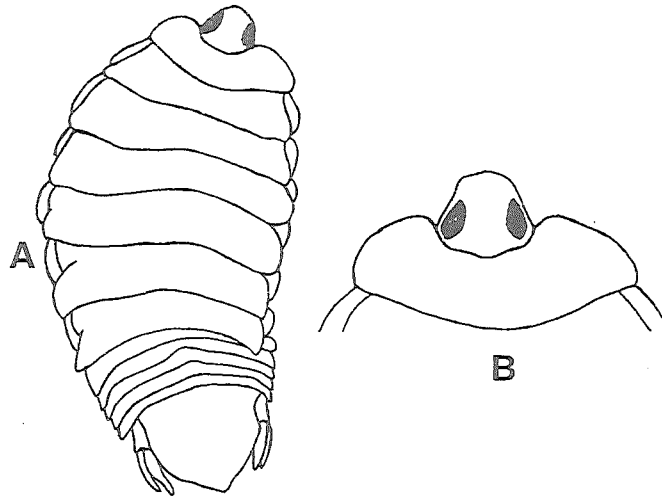


Fig. 92. *Norileca borealis* Javed and Yasmeen, 1999. A, female, dorsal view; B, cephalon. (after Javed and Yasmeen, 1999)

- Body twisted to one side, pleonite 5 about as wide as pleonite 1; maxilliped palp article 2 about 3 times as long as article 3 *Norileca indica* (Milne Edwards, 1840).

Host: *Rastrelliger kanagurta* (Cuvier).

Reference: Ghani and Shireen, 1995.

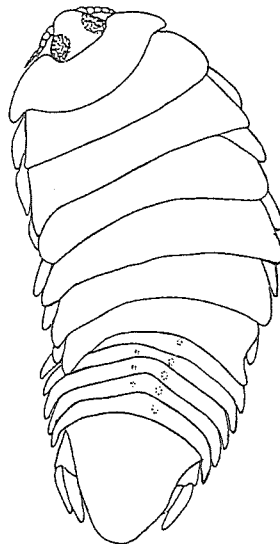


Fig. 93. *Norileca indica* (Milne Edwards, 1840). Male, dorsal view. (after Ghani and Shireen, 1995)

- Body weakly twisted to one side, pleonite 5 narrower than pleonite 1; maxilliped palp article 2 about as long as article 3 *Norileca triangulata* (Richardson, 1910).
Hosts: *Rastrelliger kanagurta* (Cuvier)
Reference: Ghani and Ali, 1998

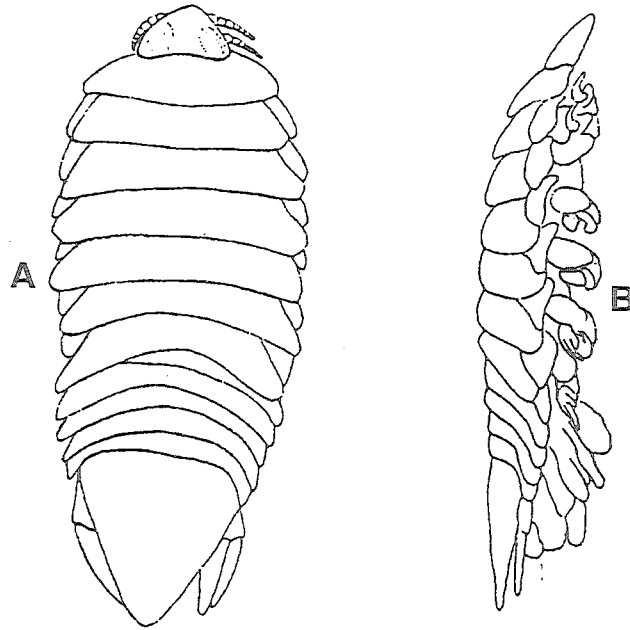


Fig. 94. *Norileca triangulata* (Richardson, 1910). A, female, dorsal view; B, same, lateral view. (after Ghani and Ali, 1998)

Not treated Genus: *Anilocra* Leach, 1818.

Anilocra dimidiata Bleeker, 1857

Host: Not given.

Reference: Pillai, 1954; Shireen, 2001.

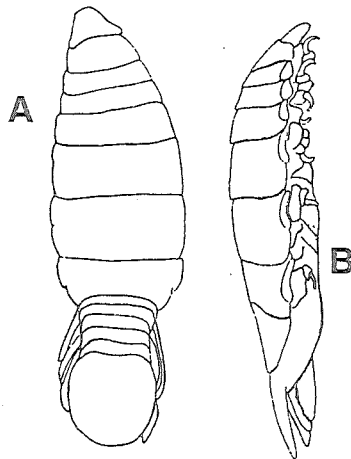


Fig. 95. *Anilocra dimidiata* Bleeker, 1857. A, female, dorsal view; B, same, lateral view. (after Shireen, 2001)

Not treated: *Anilocra cavicauda* Richardson, 1910.

Host: *Nematolosa nasus* (Bloch).

Reference: Karim, 1975.

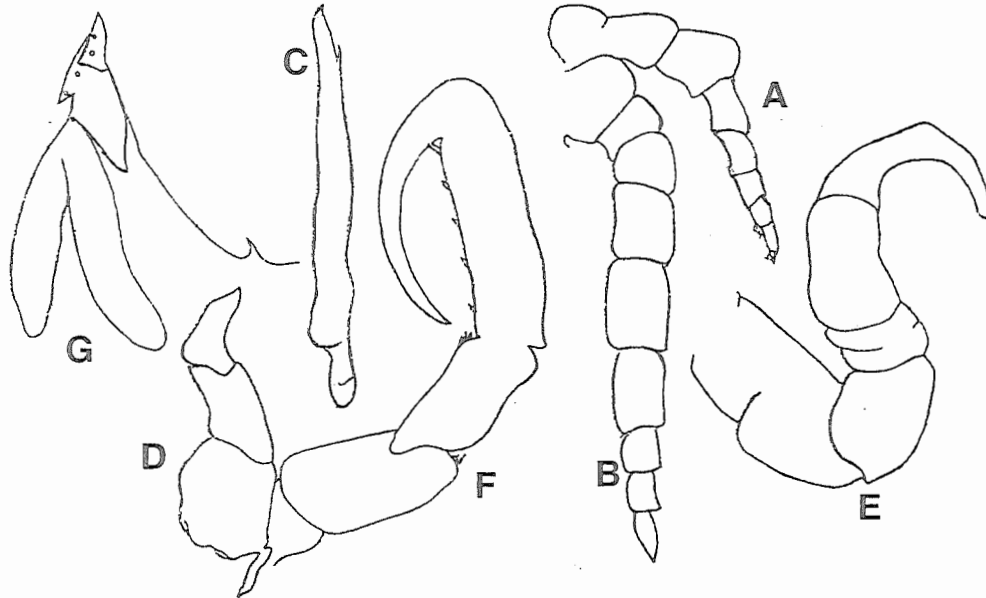


Fig. 96. *Anilocra cavicauda* Richardson, 1910. A, antennule; B, antenna; C, Ist maxilla; D, maxilliped; E, pereopod I; F, pereopod VII; G, telson. (after Karim, 1975)

Not treated Genus: *Cinusa* Schioedte and Meinert, 1884.

A single species: *Cinusa tetrodontis* Schioedte and Meinert, 1884.

Reference: Schioedte and Meinert, 1884.

Not treated Genus: *Catoessa* Schioedte and Meinert, 1884.

A single species: *Catoessa ambassae* Bruce, 1990.

Hosts: *Chorinemus* spp. and *Carangoides malabaricus* (Bloch)

Reference: Ghani and Ali, 1998

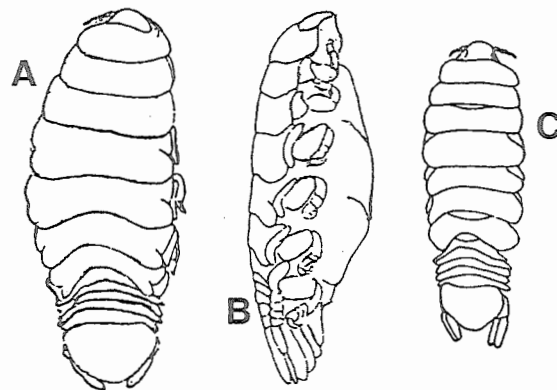


Fig. 97. *Catoessa ambassae* Bruce, 1990. A, female, dorsal view; B, same, lateral view; C, male, dorsal view. (after Ghani and Ali, 1998)

Not treated Genus: *Cymothoa* Fabricius, 1787.

Cymothoa eremita (Brunnich, 1783).

Host: *Parastromateus niger* (Bloch).

Reference: Bal and Joshi, 1959; Shireen, 2000.

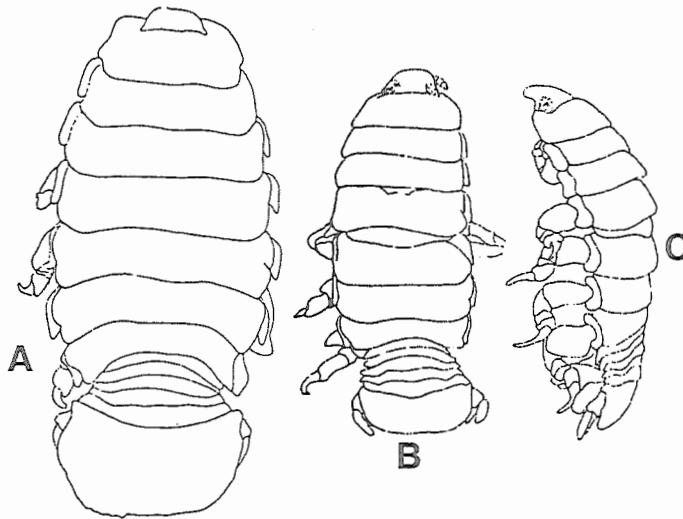


Fig. 98. *Cymothoa eremita* (Brunnich, 1783). A, female, dorsal view; B, male, dorsal view; C, same, lateral view. (after Shireen, 2000)

Not treated: *Cymothoa cinerea* Bal and Joshi, 1959

Reference: Bal and Joshi, 1959

Not treated: *Cymothoa paradoxa* Haller, 1880

Reference: Haller, 1880

Not treated Genus: *Joryma* Bowman and Tareen, 1983

Head not reaching margin pereonite 1. Pleonite 1 lateral expansion bilateral, distinctly bilobed. Telson triangular *Joryma sawayah* Bowman and Tareen, 1983.

Host: *Sardinella* spp.

Reference: Ghani and Shireen, 2000.

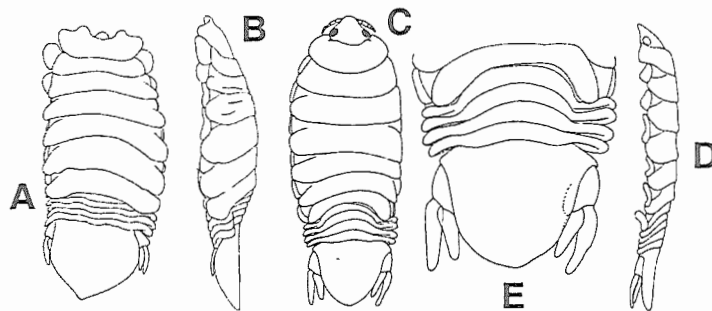


Fig. 99. *Joryma sawayah* Bowman and Tareen, 1983. A, female, dorsal view; B, lateral view; C, male, dorsal view; D, same, lateral view; E, pleotelson. (after Bowman and Tareen, 1983)

Head exceeding pereonite 1 expansion. Pleonite 1 lateral expansion unilateral, not bilobed. Telson broadly rounded *Joryma engraulidis* Barnard, 1936.

Host: *Sardinella* spp.

Reference: Shireen, 2000.

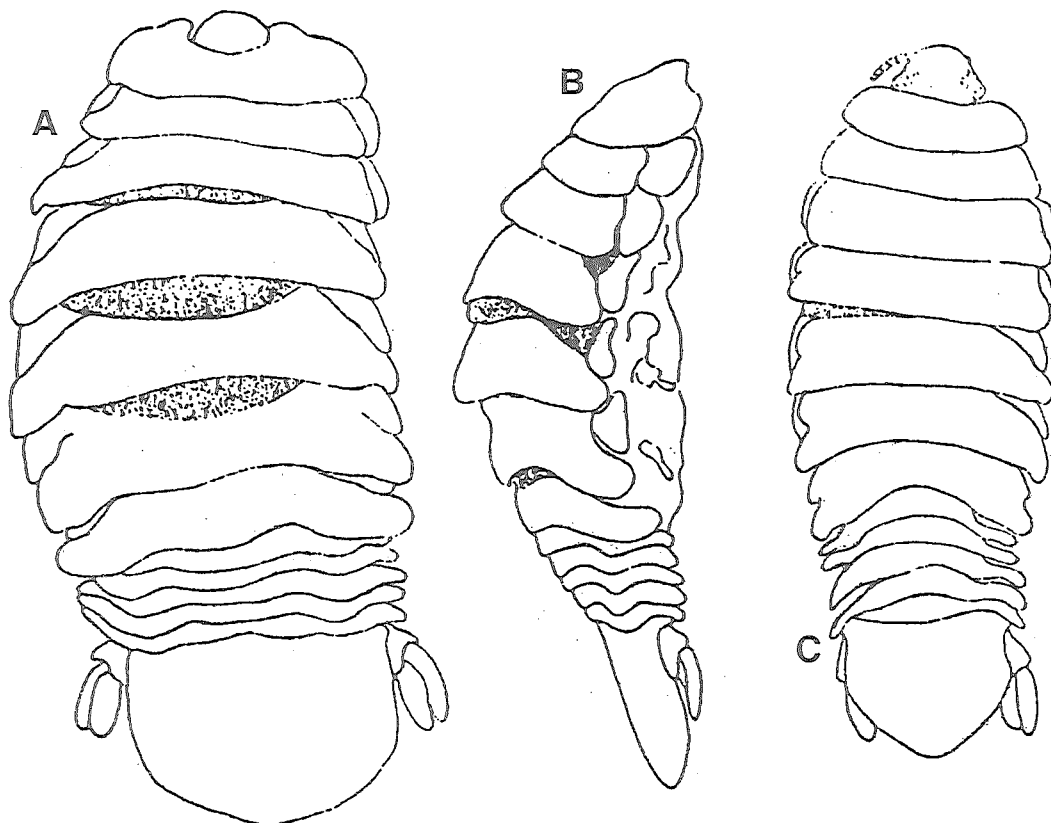


Fig. 100. *Joryma engraulidis* Barnard, 1936. A, female, dorsal view; B, same, lateral view; C, male, dorsal view. (after Shireen, 2000)

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