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AN ACCOUNT
OF THE
CRUSTACEA
OF
NORWAY



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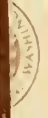


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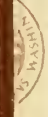
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AN ACCOUNT

OF THE

CRUSTACEA

OF

NORWAY,

WITH SHORT DESCRIPTIONS AND FIGURES OF ALL THE SPECIES

BY

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Vol 1.

AMPHIPODA

(PLATES.)

INVERTEBRATE
ZOOLOGY
Crustacea

INVERTEBRATE
ZOOLOGY
Crustacea
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CHRISTIANA AND COPENHAGEN

ALB. CAMMERMEYERS FORLAG

(LARS SWANSTRÖM)

1895

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2. *Corophium affine*, Bruzel.

Plate 222.

Unciola leucopsis, (Krøyer)

Plate 223.

Unciola plumipes, Norman.

Plate 224.

Nesochela nonstrorsa, (Boeck).

Plate 225.

Chelura terebrans, Philippi.

Plate 226.

Læmatophilus tuberculatus, Bruzel.

Plate 227.

1. *Læmatophilus armatus*, (Norman).
2. *Xenodice Frauenfeldti*, Boeck

Plate 228.

Dulichia spinosissima, Krøyer.

Plate 229.

Dulichia porrecta, Sp. Bate.

Plate 230.

1. *Dulichia monacantha*, Metzger.
2. *Dulichia curticauda*, Boeck.

Plate 231.

1. *Dulichia falcata*, Sp. Bate.
2. *Dulichia nordlandica*, Boeck ♀.

Plate 232.

1. *Dulichia nordlandica*, Boeck ♂.
2. *Paradulichia typica*, Boeck ♀.

Plate 233.

Phthisica marina, Slabber (see text).

Plate 234.

1. *Protella phasma*, (Mont.).
2. *Megina echinata*, Boeck.

Plate 235.

1. *Meginella spinosa*, Boeck.
2. *Pariambus typicus*, (Krøyer) (see text).

Plate 236.

Caprella linearis, (Lin.)

Plate 237.

1. *Caprella septentrionalis*, Krøyer.
2. *Caprella punctata*, Boeck.

Plate 238.

1. *Caprella monocera*, G. O. Sars.
2. *Caprella Lovéni*, Boeck.
3. *Caprella aquilibra*, Say.

Plate 239.

1. *Caprella microtuberculata*, G. O. Sars.
2. *Caprella ciliata*, G. O. Sars.
3. *Caprella acanthifera*, Leach.

Plate 240.

Paracyamus boopis, (Lütken) (see text).

Suppl. Plate I.

1. *Normanion amblyops*, G. O. Sars.
2. *Aristias microps*, G. O. Sars.

Suppl. Plate II.

1. *Aristias megalops*, G. O. Sars.
2. *Perrierella audouiniana*, (Sp. Bate).

Suppl. Plate III.

1. *Hippomedon robustus* G. O. Sars
2. *Orchomene Hanseni*, Meinert.

Suppl. Plate IV.

1. *Orchomene serrata*, Boeck ♂.
2. *Tryphosa compressa*, G. O. Sars.

Suppl. Plate V.

Podoprionella norvegica, G. O. Sars.

Suppl. Plate VI.

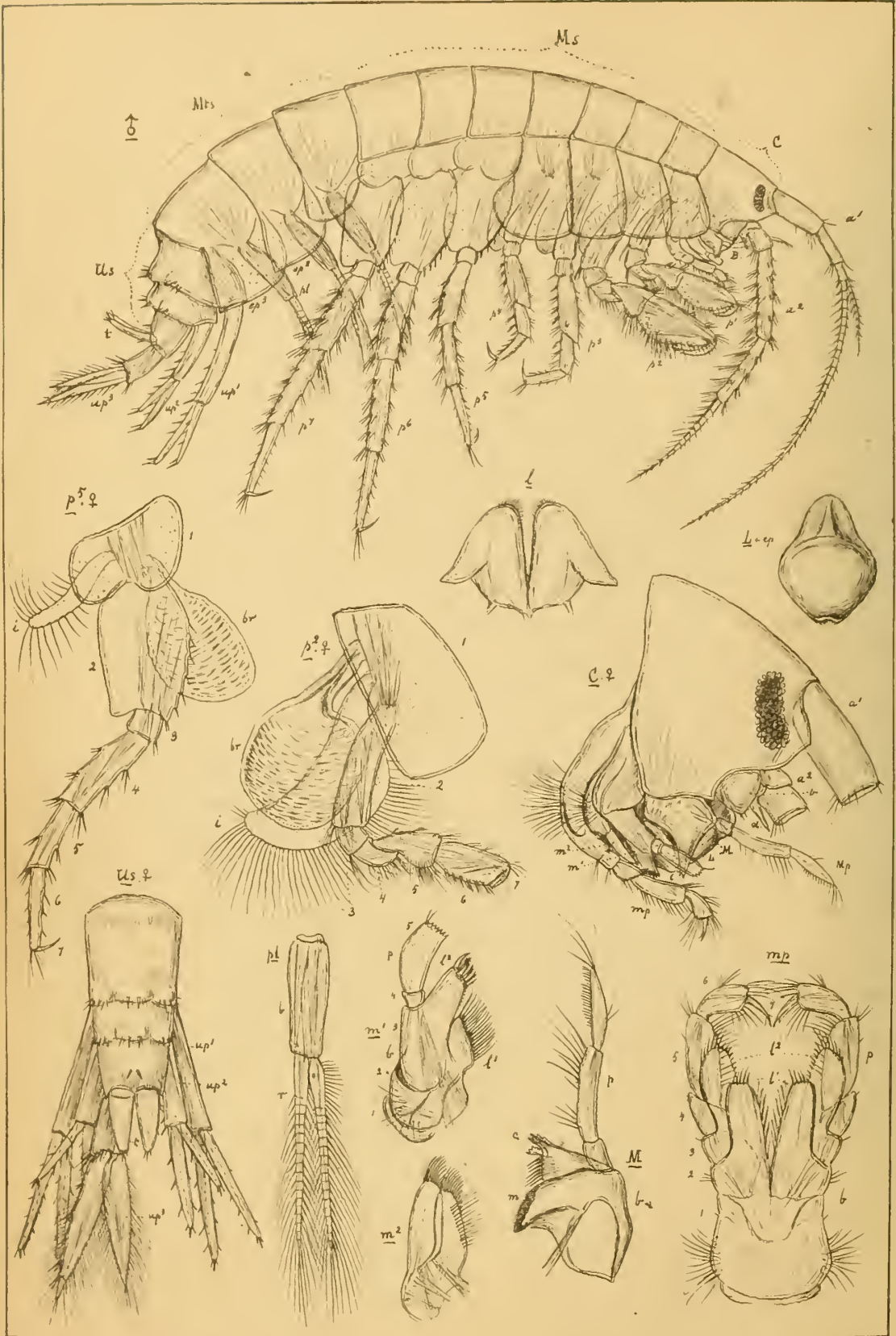
1. *Monoculodes Schneideri*, G. O. Sars.
2. *Pontocrates norvegicus*, Boeck ♀.

Suppl. Plate VII.

1. *Pontocrates norvegicus*, Boeck ♂.
2. *Pontocrates altamarinus*, (Sp. Bate).

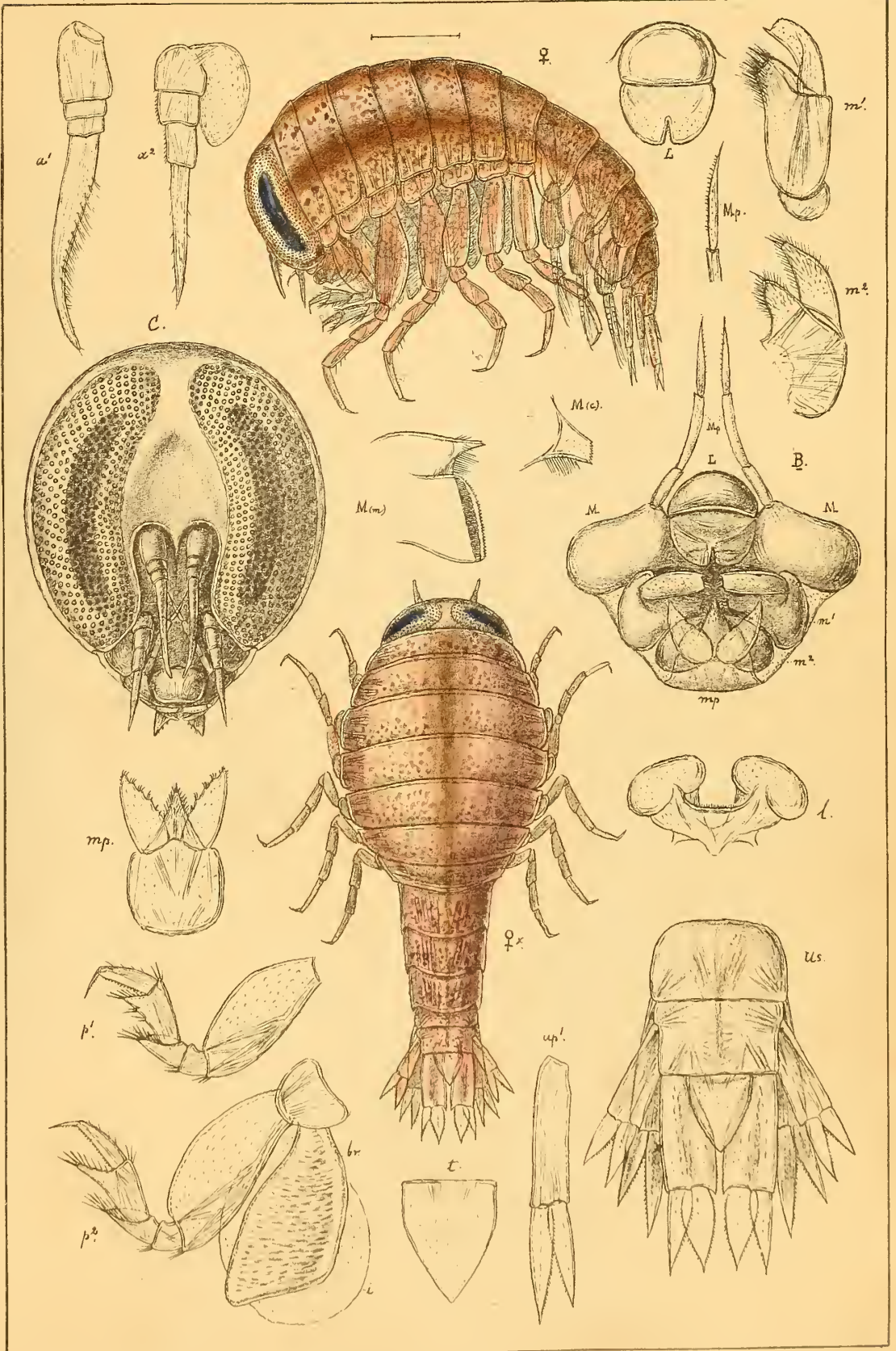
Suppl. Plate VIII.

1. *Tritaeta gibbosa*, (Sp. Bate) ♂.
2. *Dulichia Normani*, G. O. Sars ♀.
3. *Caprella punctata*, Boeck ♂.



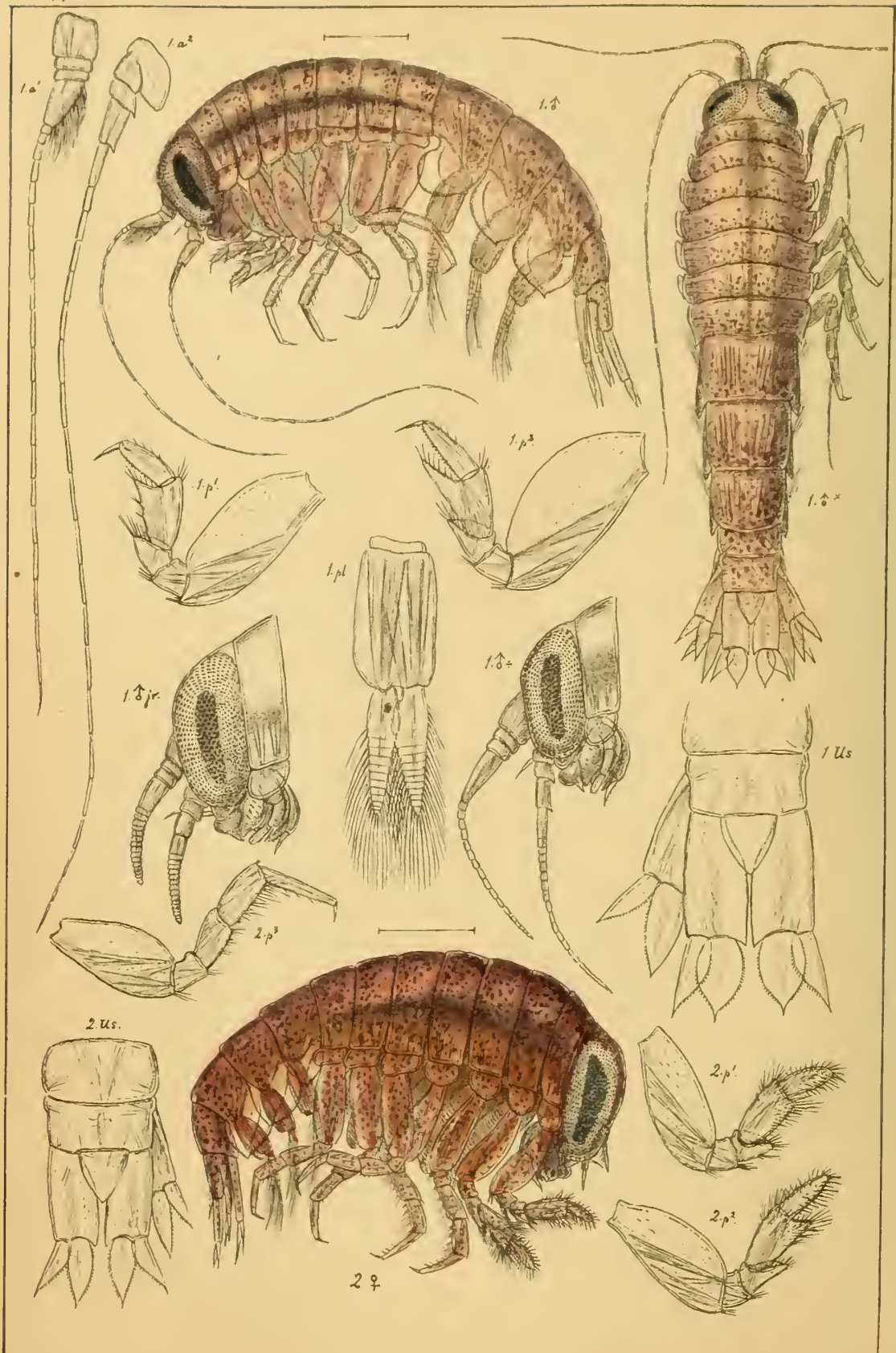
G.O.Sars autogr.

Gammarus locusta, Linné.



G.O.Sars autogr.

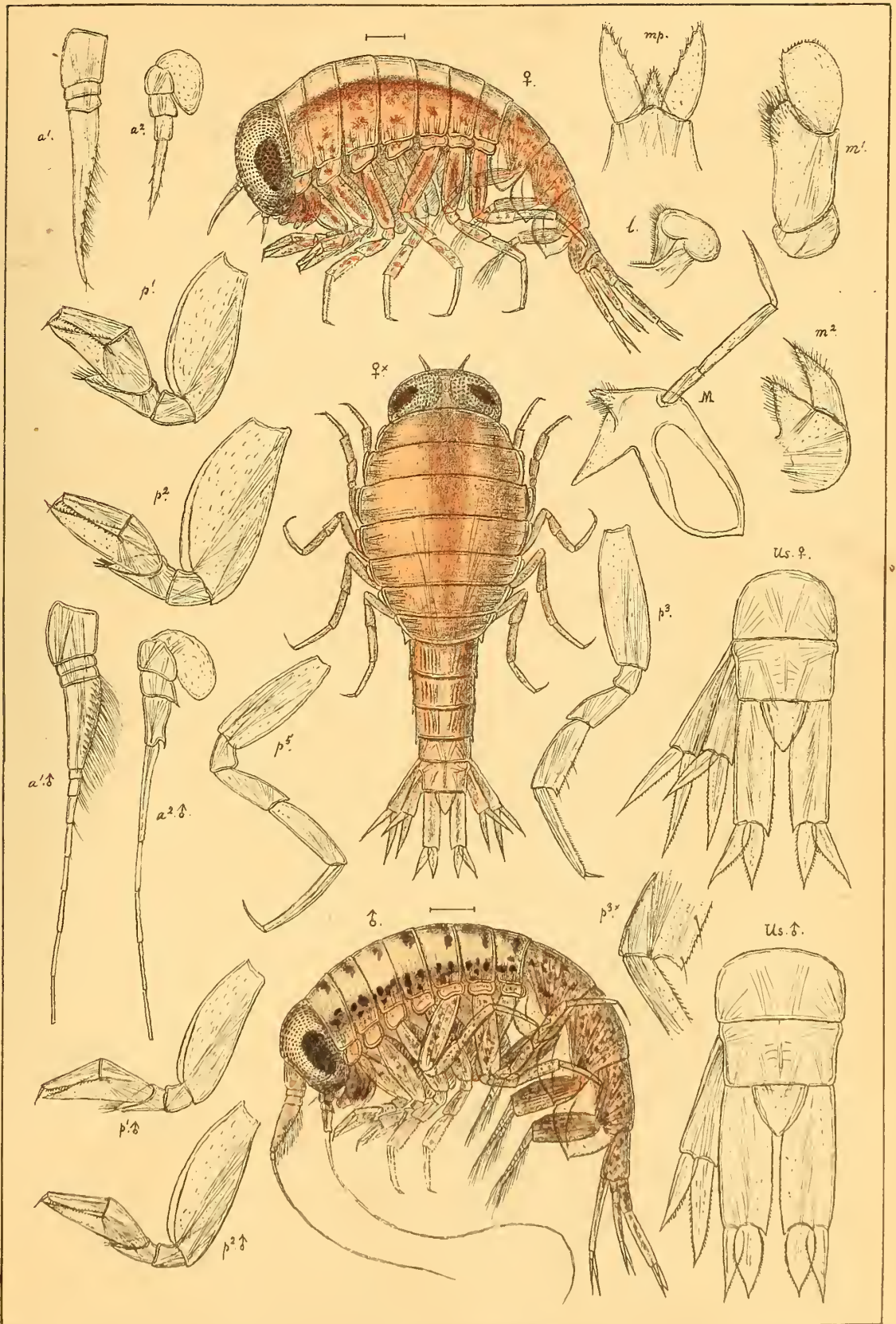
Hyperia galba, (Mont)♀.



G.O.Sars autogr.

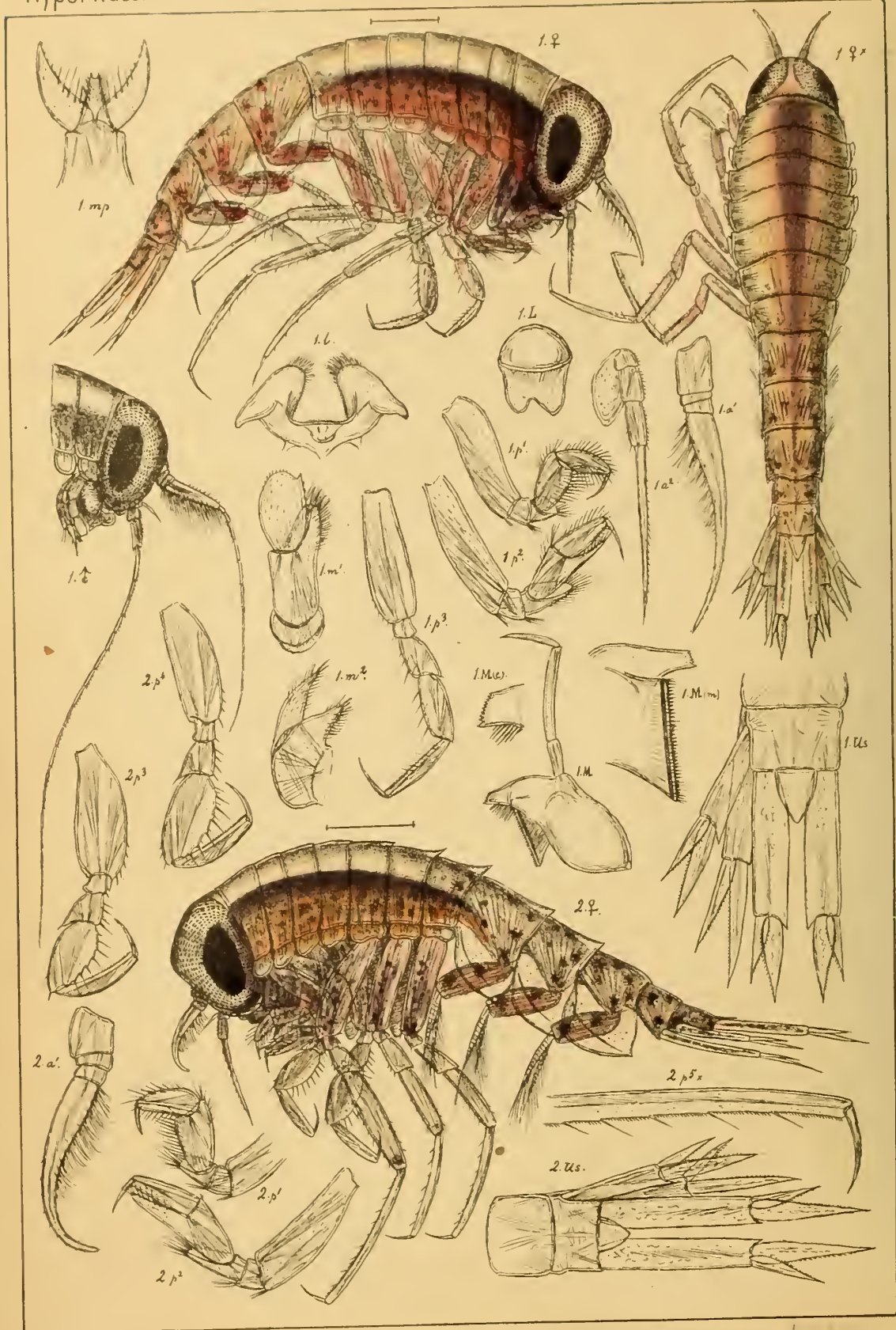
1. *Hyperia galba*, (Mont) ♂.

2. *Hyperia medusarum*, (Müll) ♀.



G.O.Sars autogr.

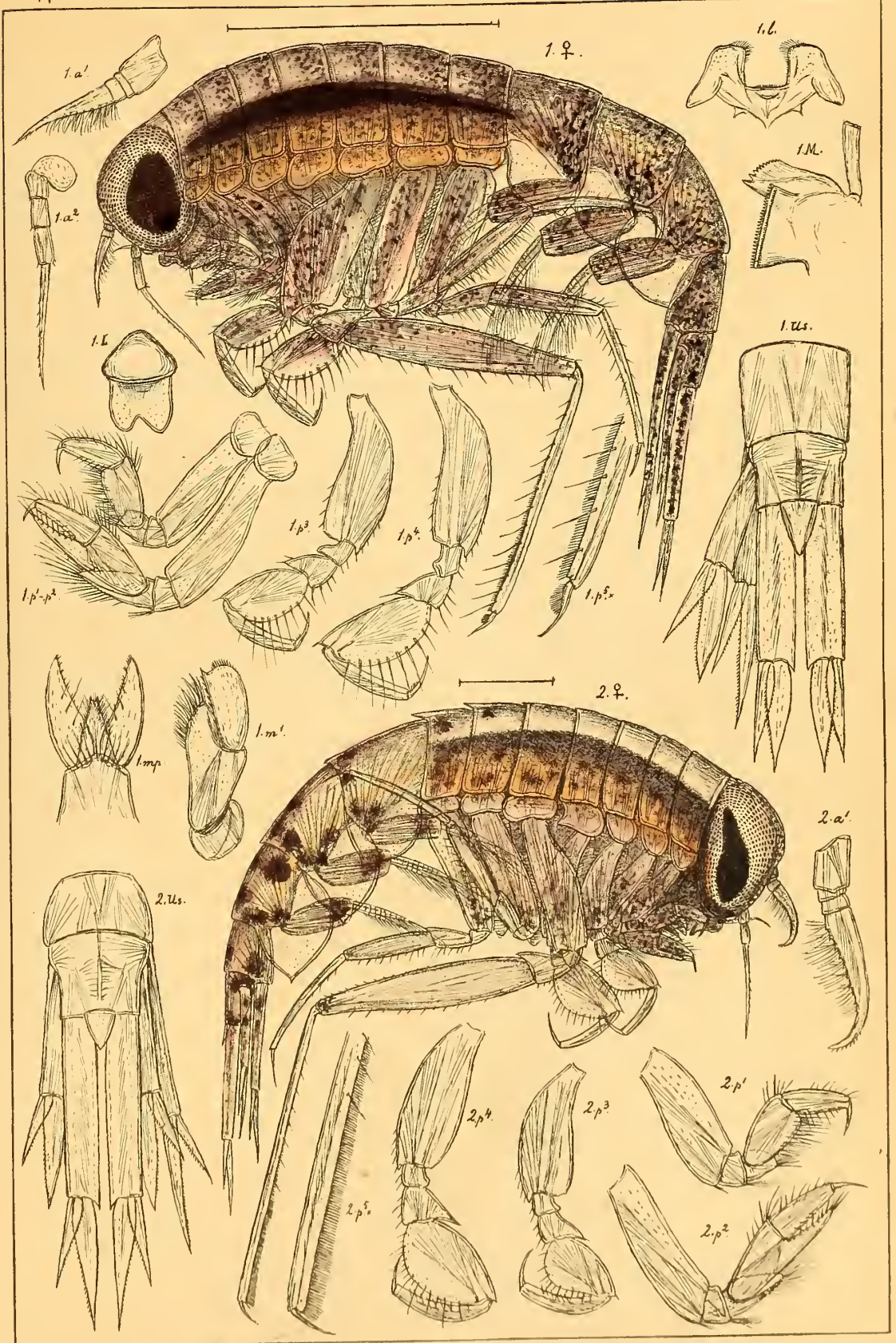
Hyperoche Kroeyeri, Bovall.



G.O.Sars autogr.

1. *Parathemisto obliqua*, (Kroeyer).

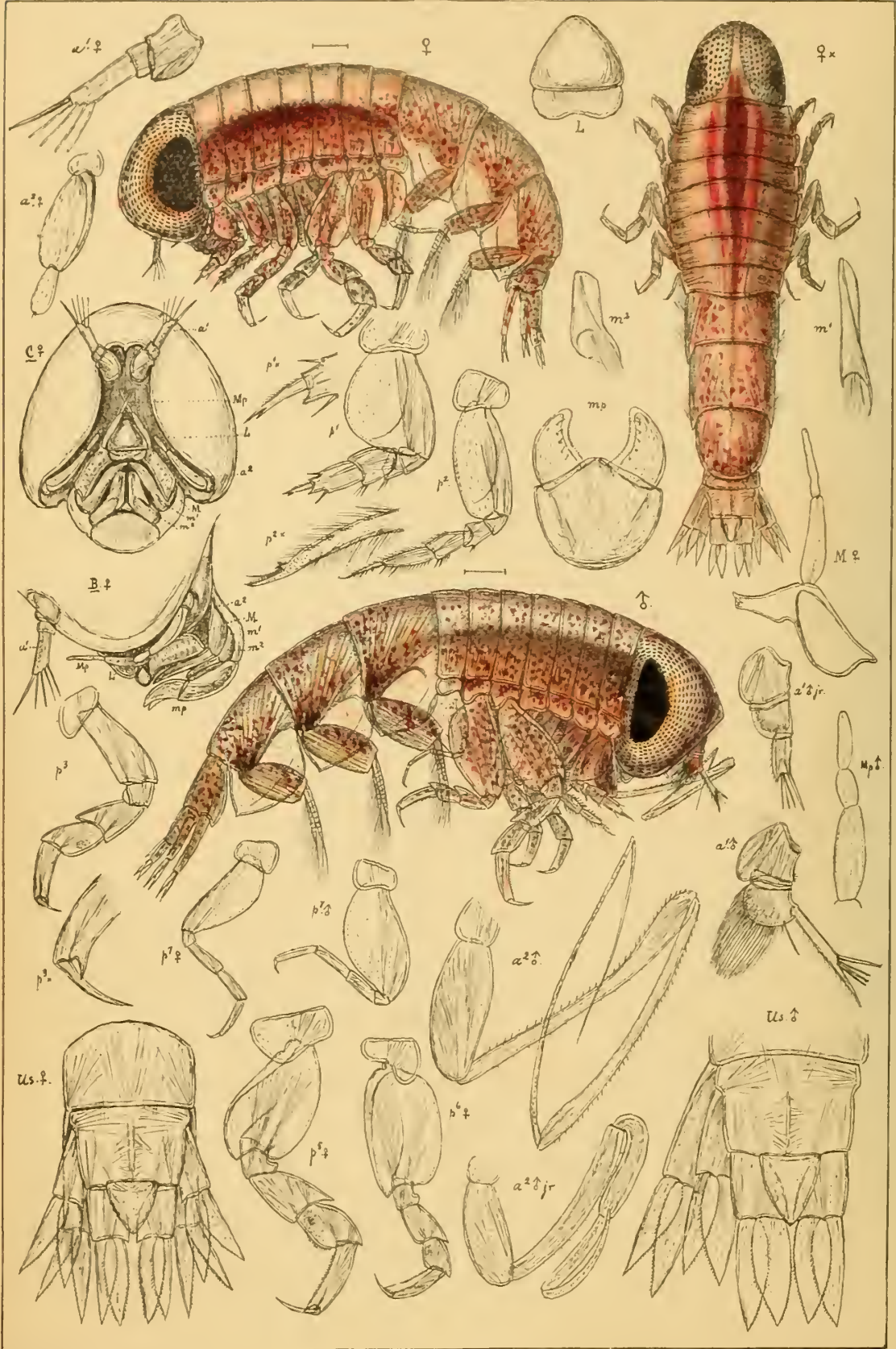
2. *Euthemisto compressa*, (Goës).



G.O.Sars autoogr.

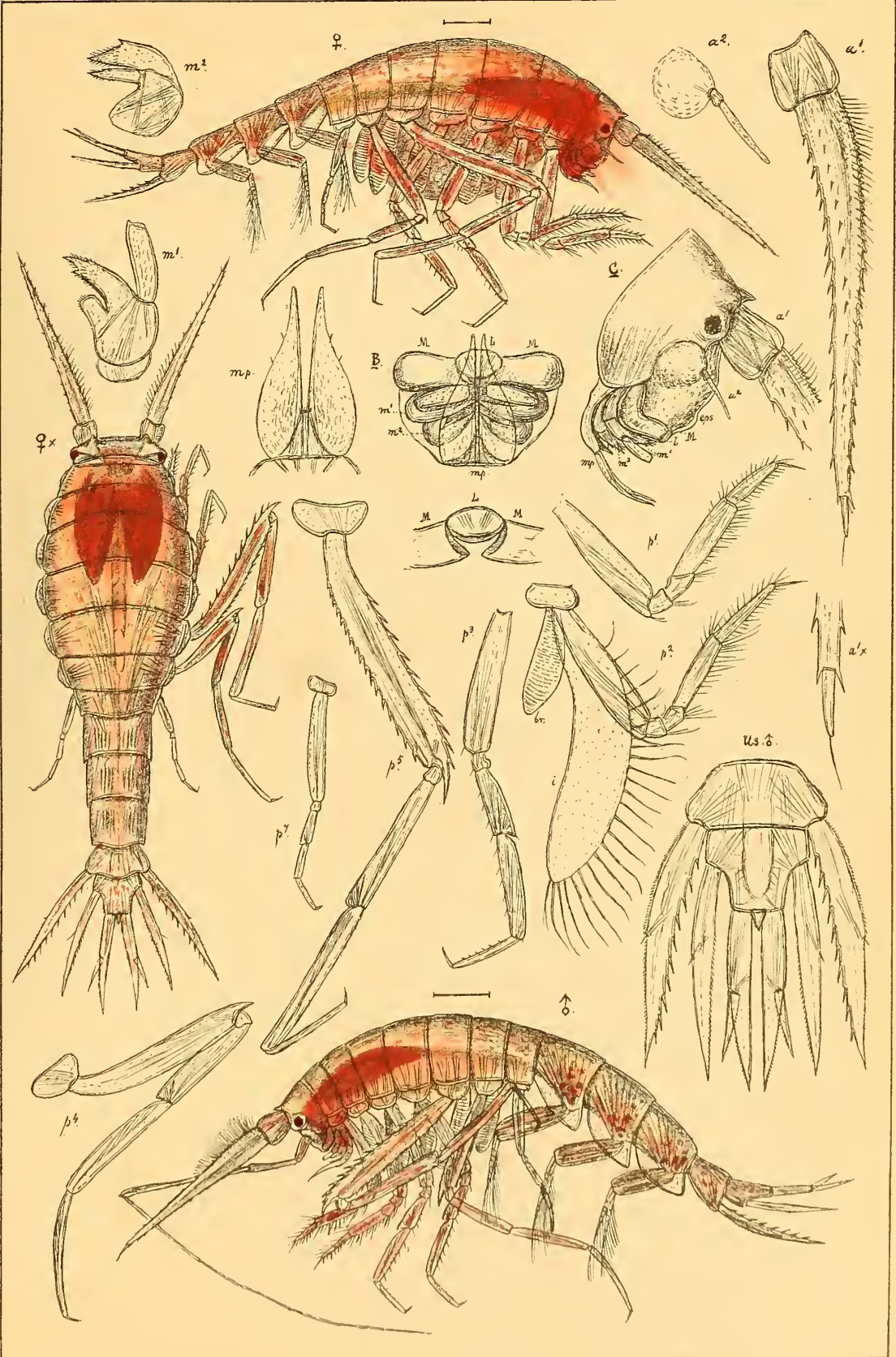
1. *Euthemisto libellula*, (Mandt).

2. *Euthemisto bispinosa*, (Boeck).



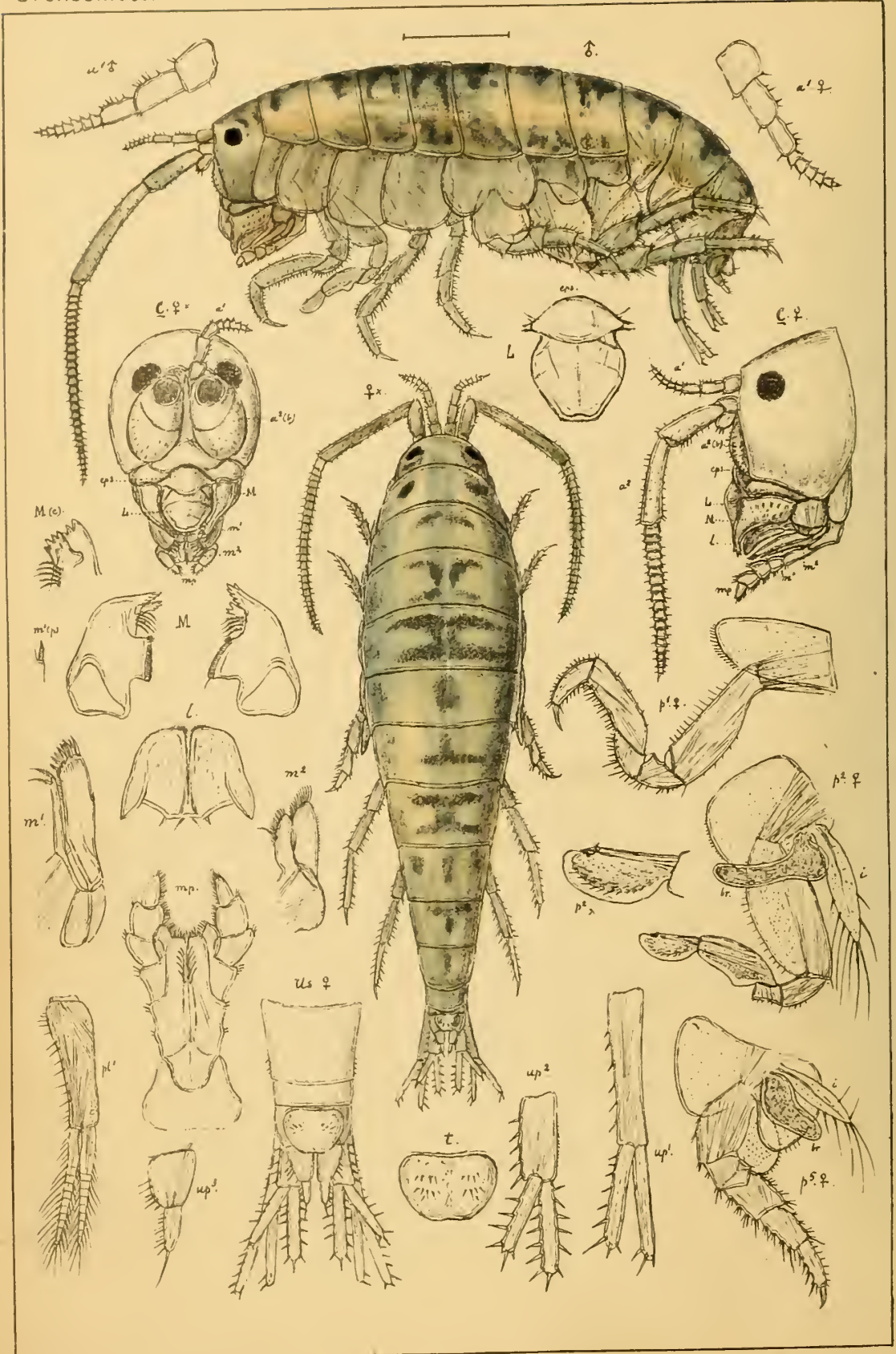
G.O.Sars autoogr.

Tryphæna Malmi, (Boeck).



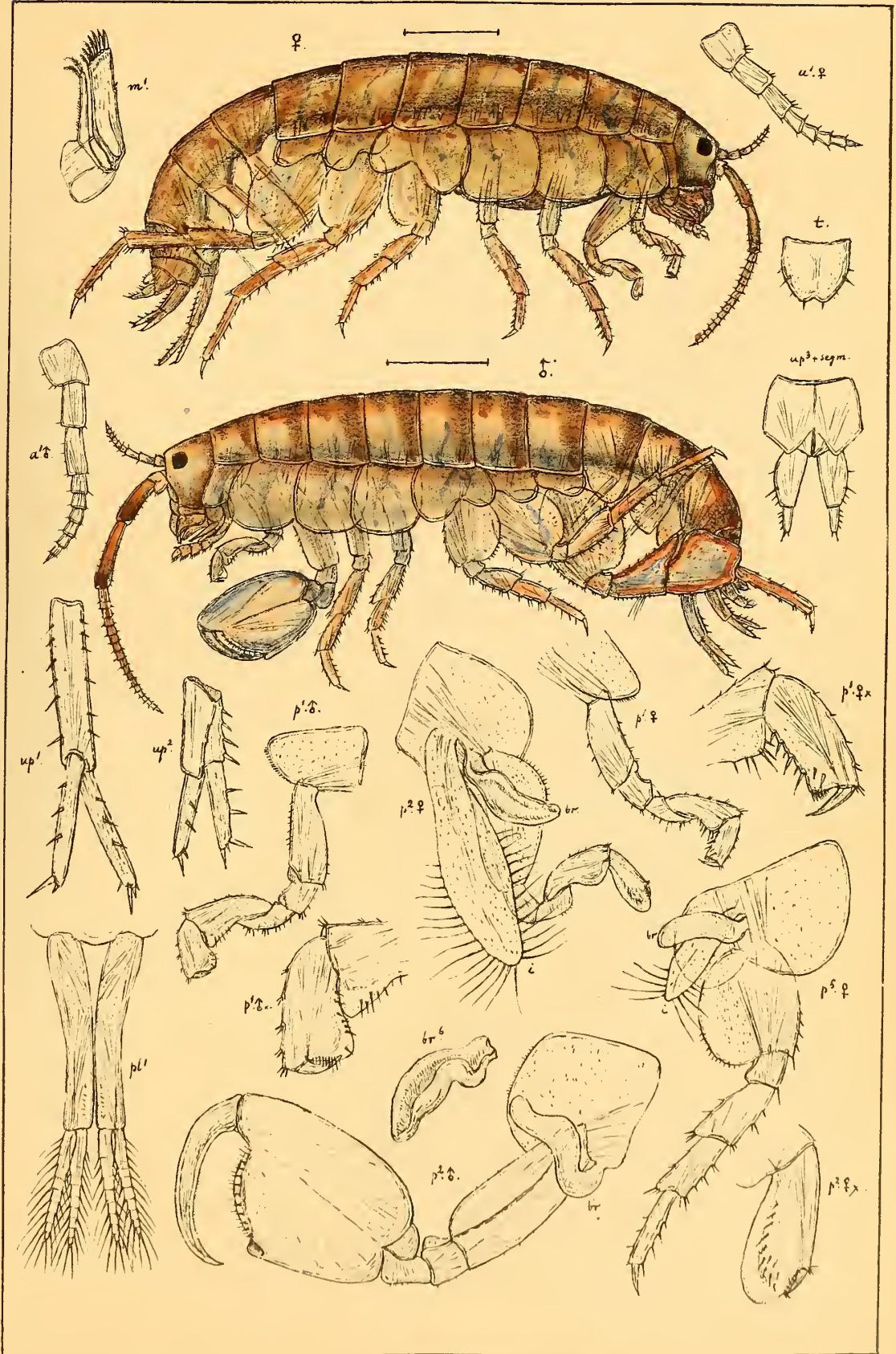
G.O.Sars autogr.

Scina borealis, G.O.Sars.



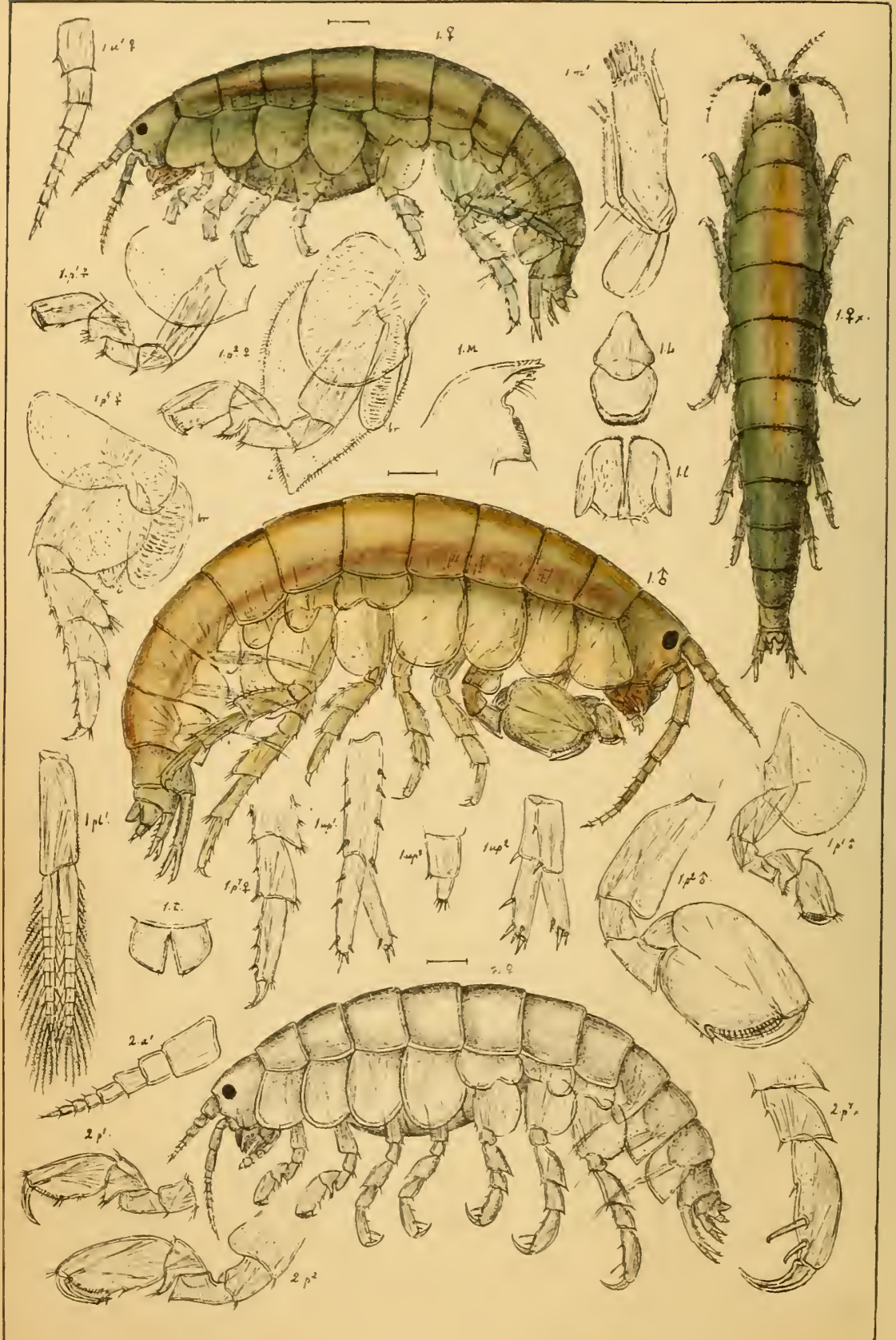
G.O.Sars autogr.

Talitrus locusta, (Pallas)



G.O.Sars autogr.

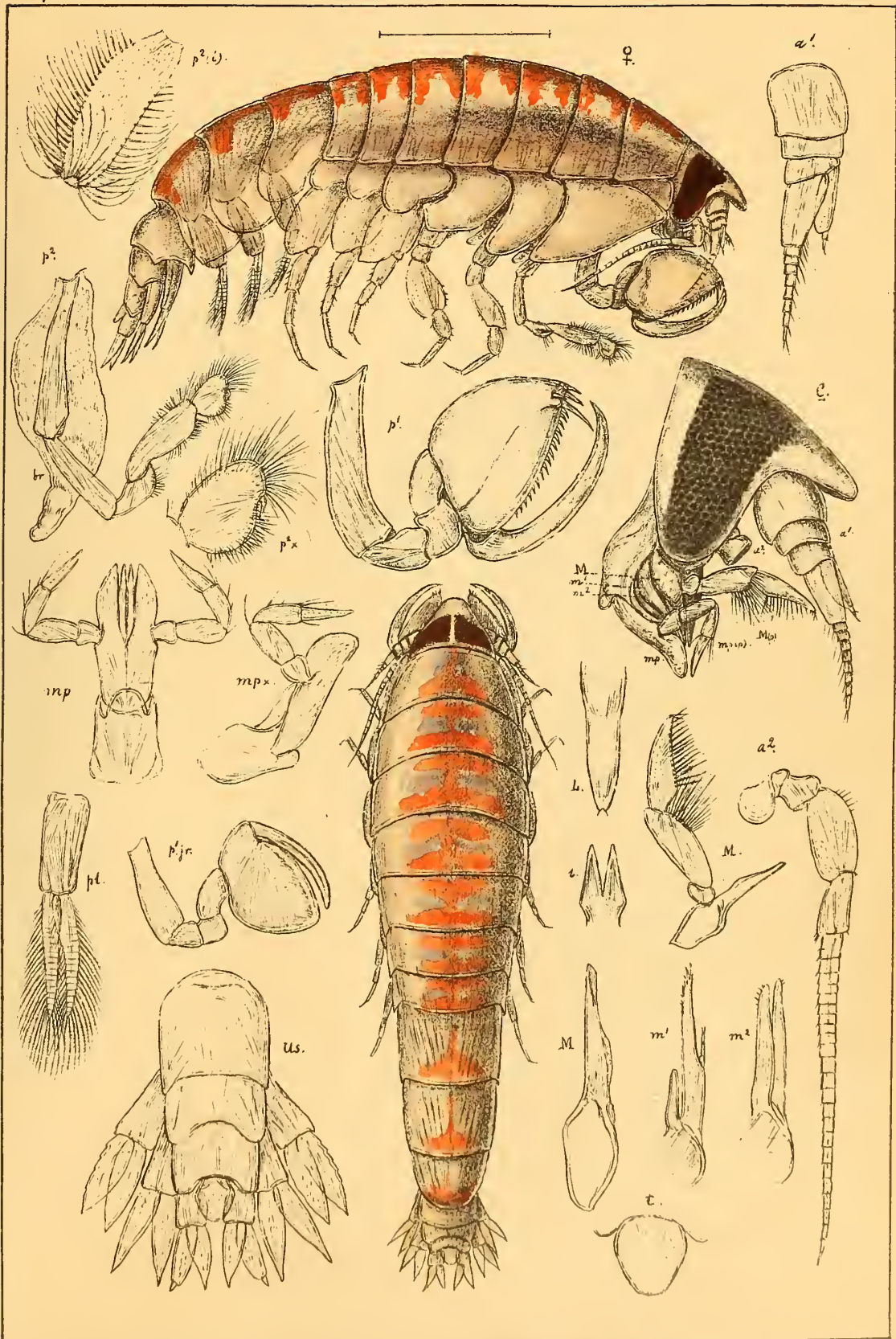
Orchestia littorea, (Mont).



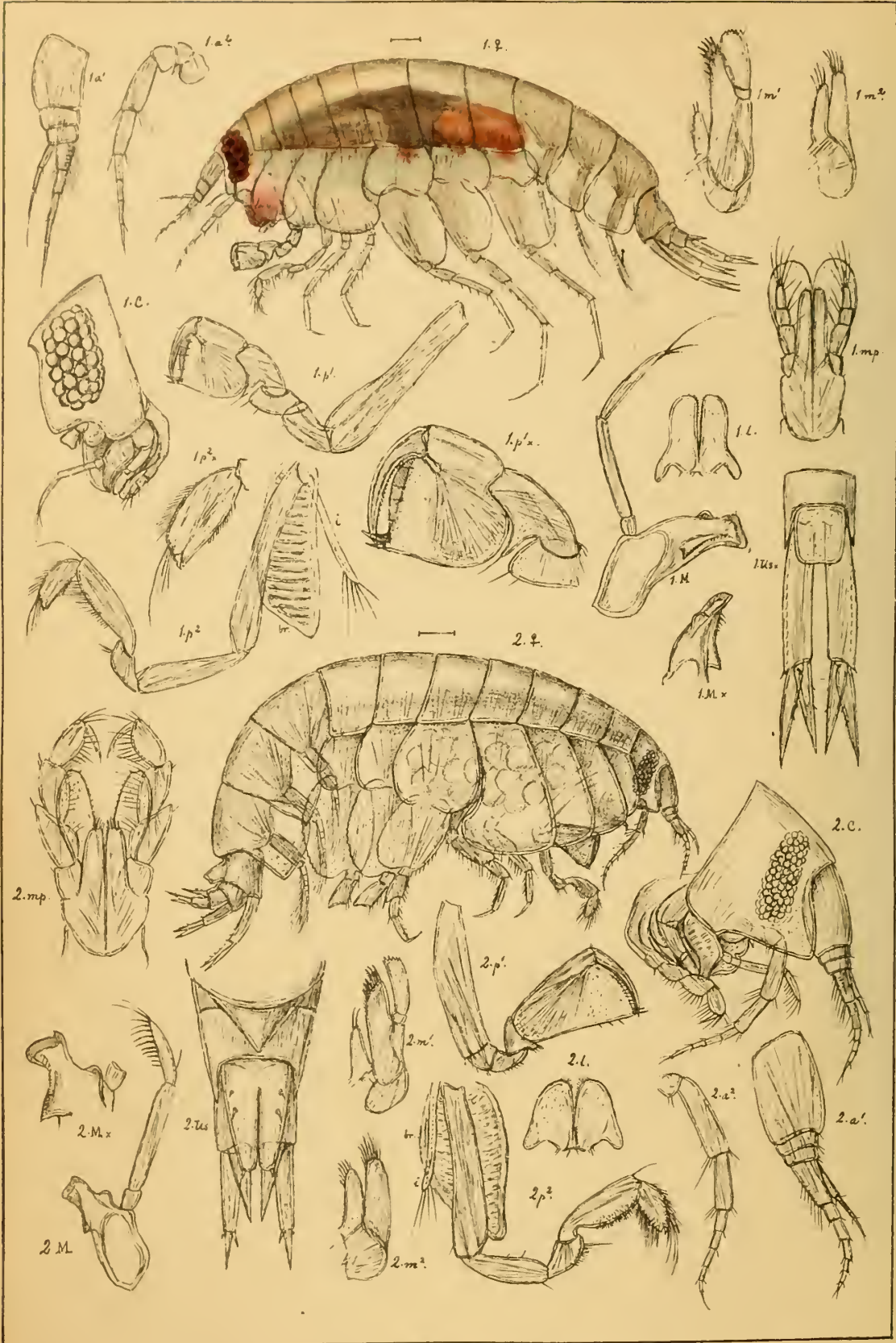
G.O. Sars autogr.

1. *Hyale Nilssoni*, (Rathke).

2. *Hyale lubbockiana*, (Sp. Bate).



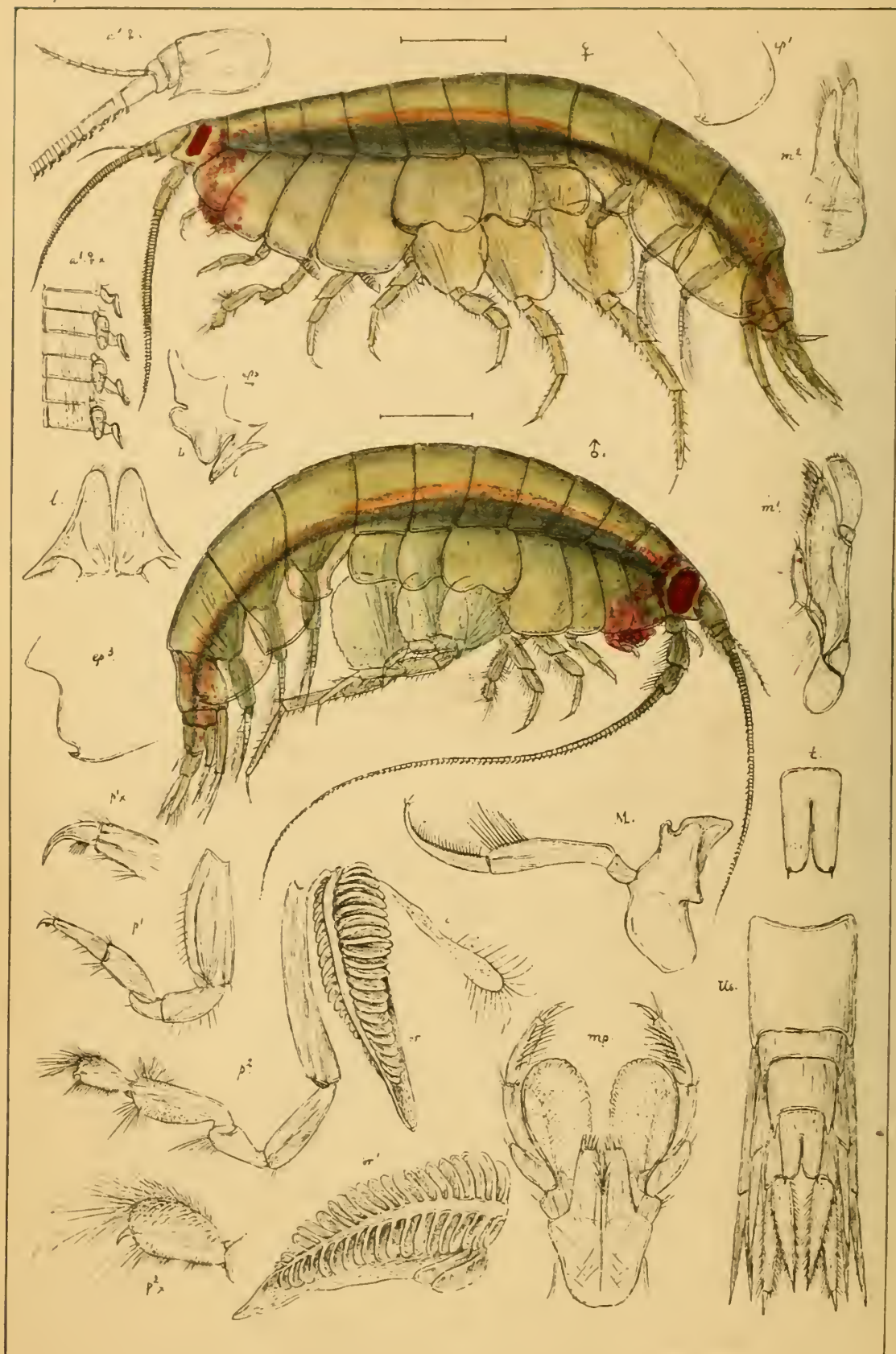
G.O.Sars autogr. Trischizostoma Raschi, Boeck.



G.O.Sars autogr.

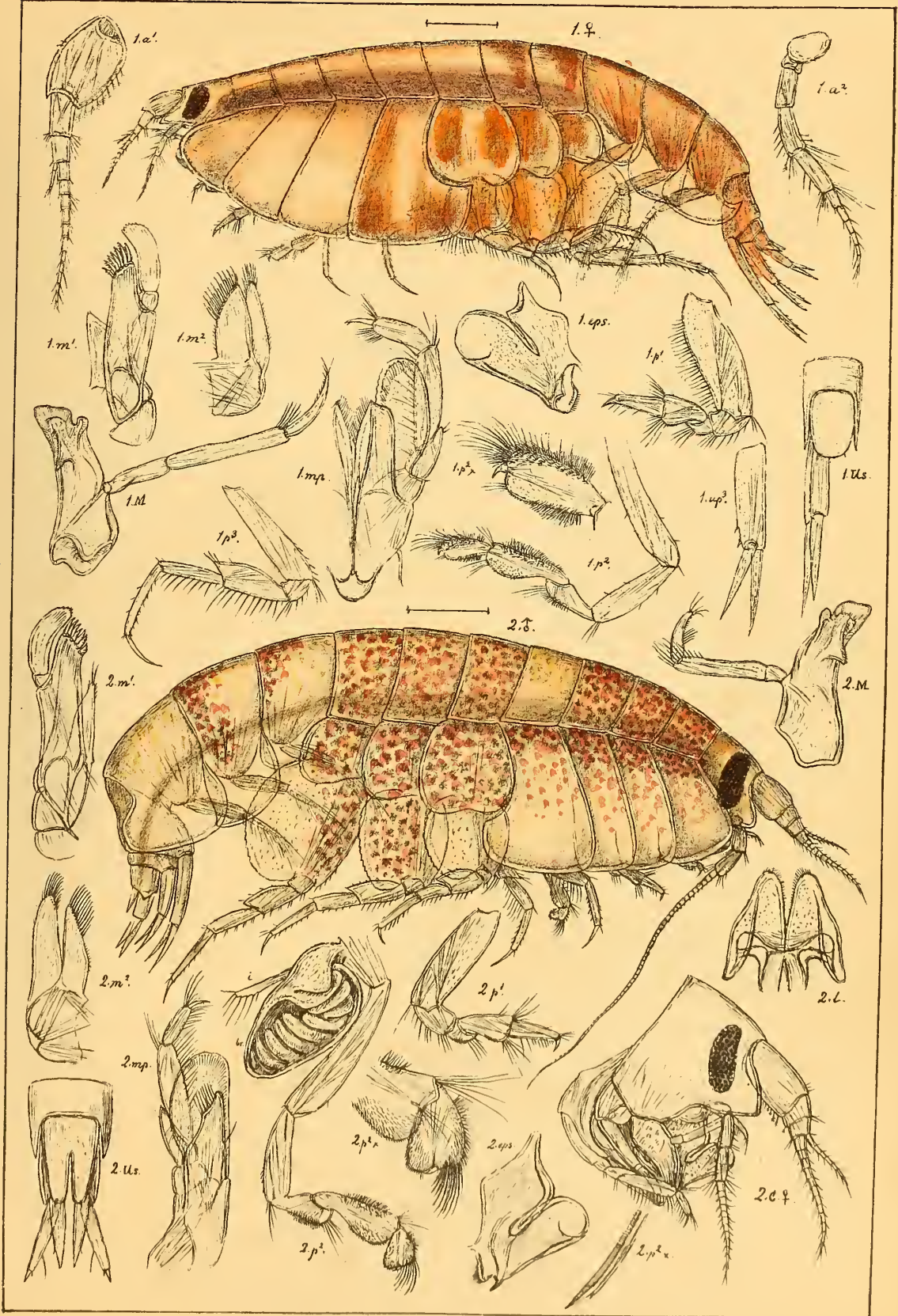
1. *Normania quadrimana*, Sp. Bate.

2. *Cheiromedon latimanus*, G.O.Sars.



G.O.Sars autoogr.

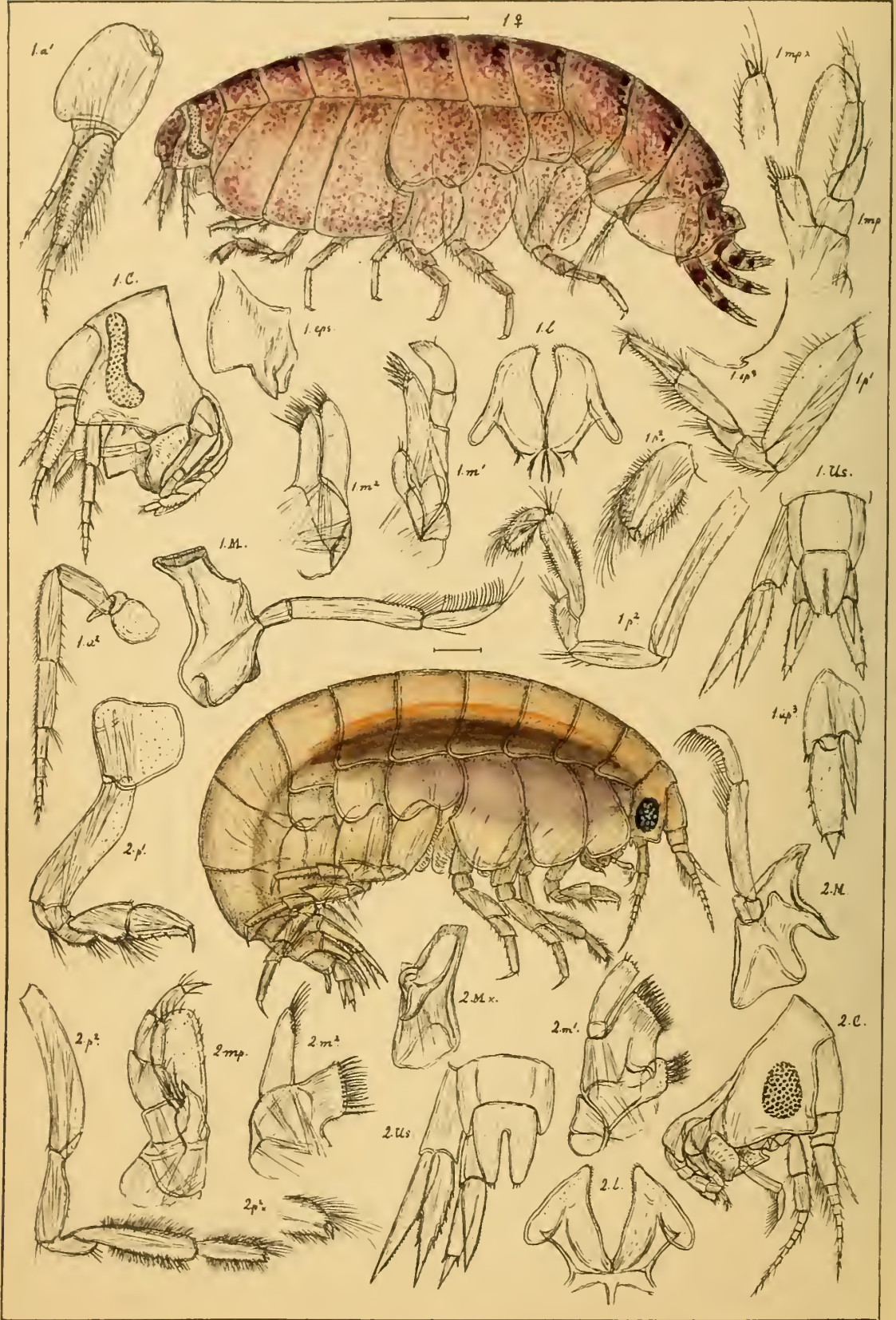
Ichnopus spinicornis, Boeck.



G.O.Sars autogr.

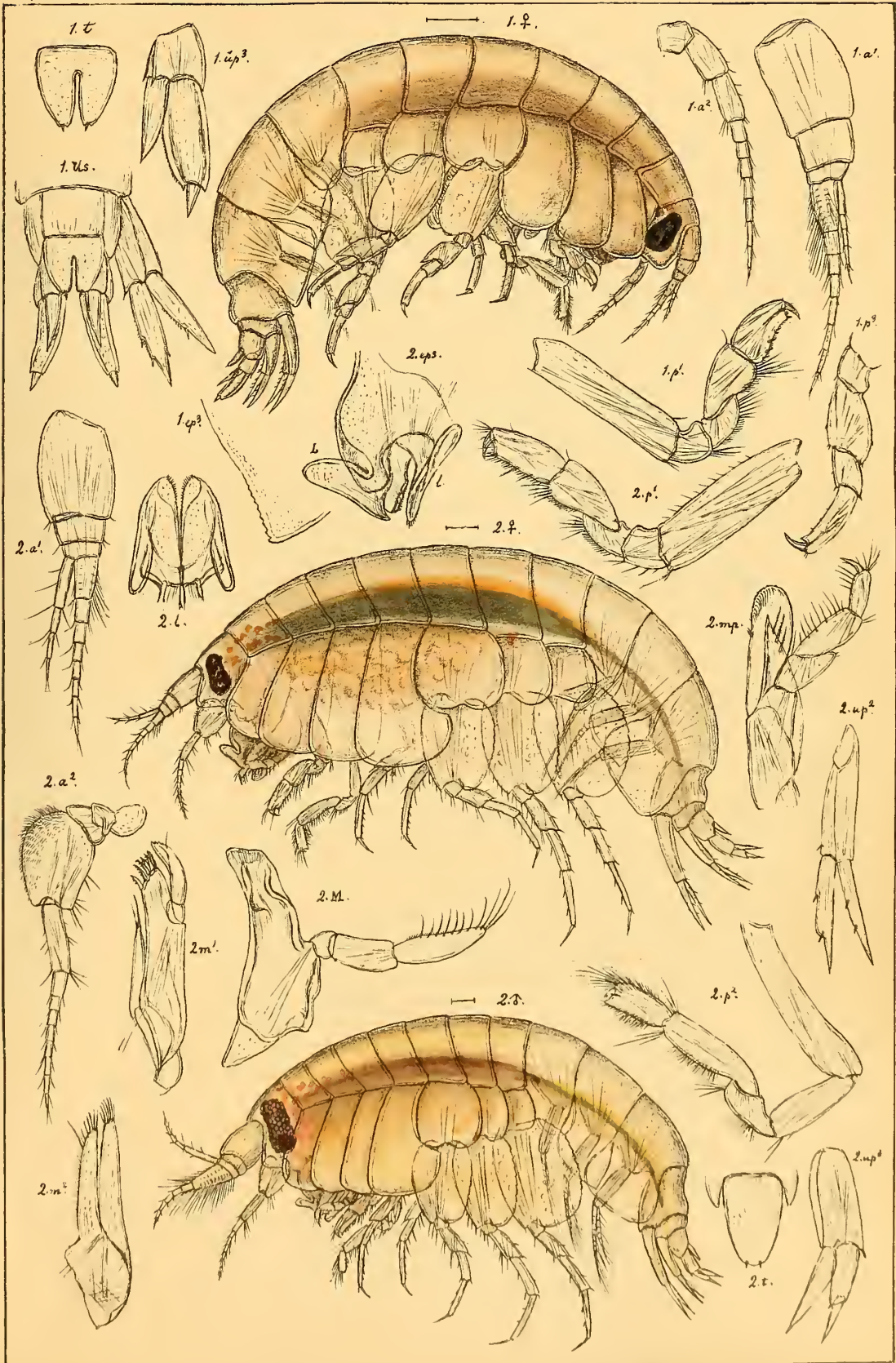
1. *Lysianassa Costæ*, M. Edw.

2. *Socarnes Vahli*, (Kröyer)



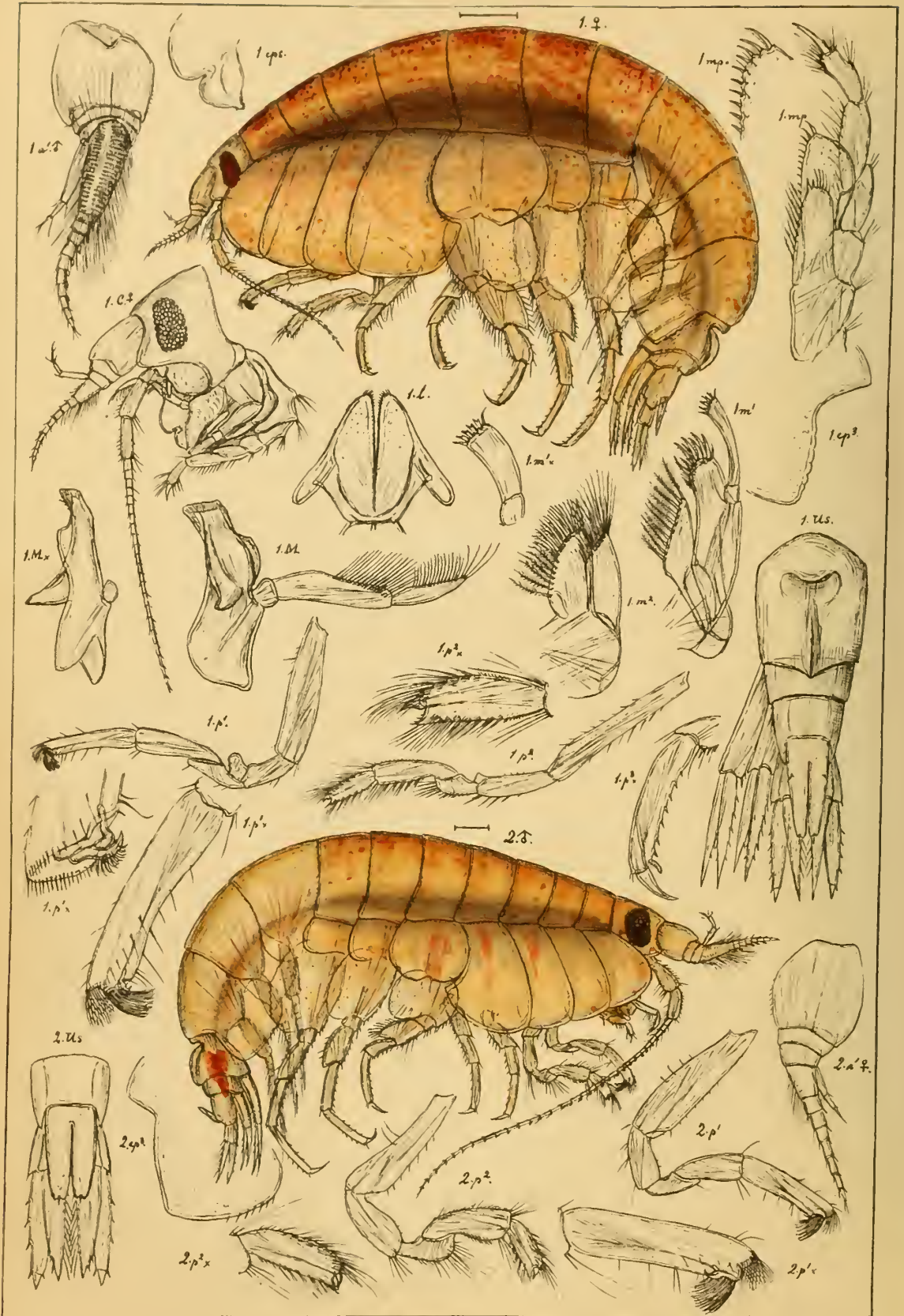
G.O.Sars autogr.

1. *Ambasia danielesseni*, Boeck.
2. *Aristias audouinianus*, (Sp. Bate).



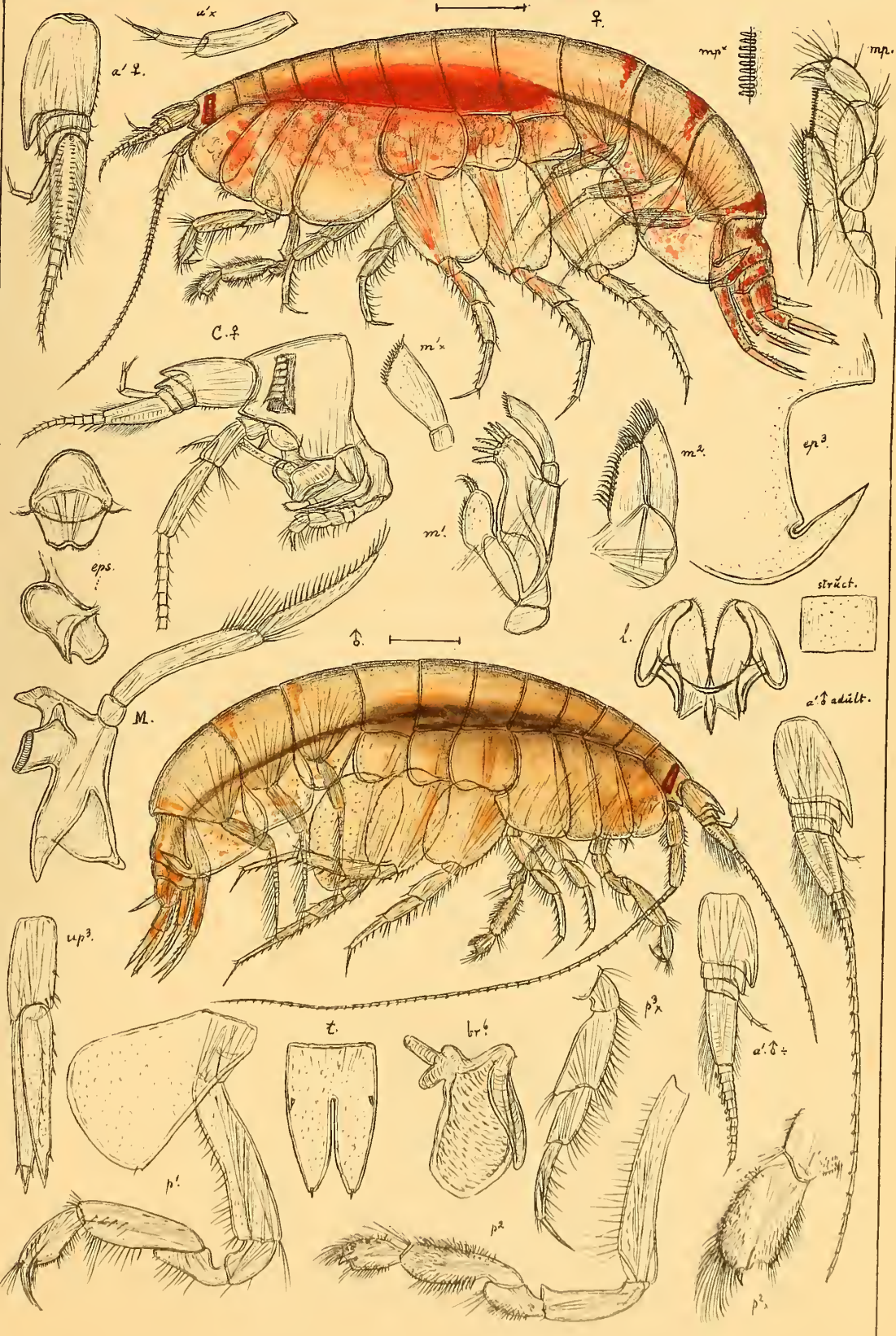
G.O.Sars autogr.

1. *Aristias tumidus*, (Kröyer).
2. *Lysianella petalocera*, G.O.Sars.



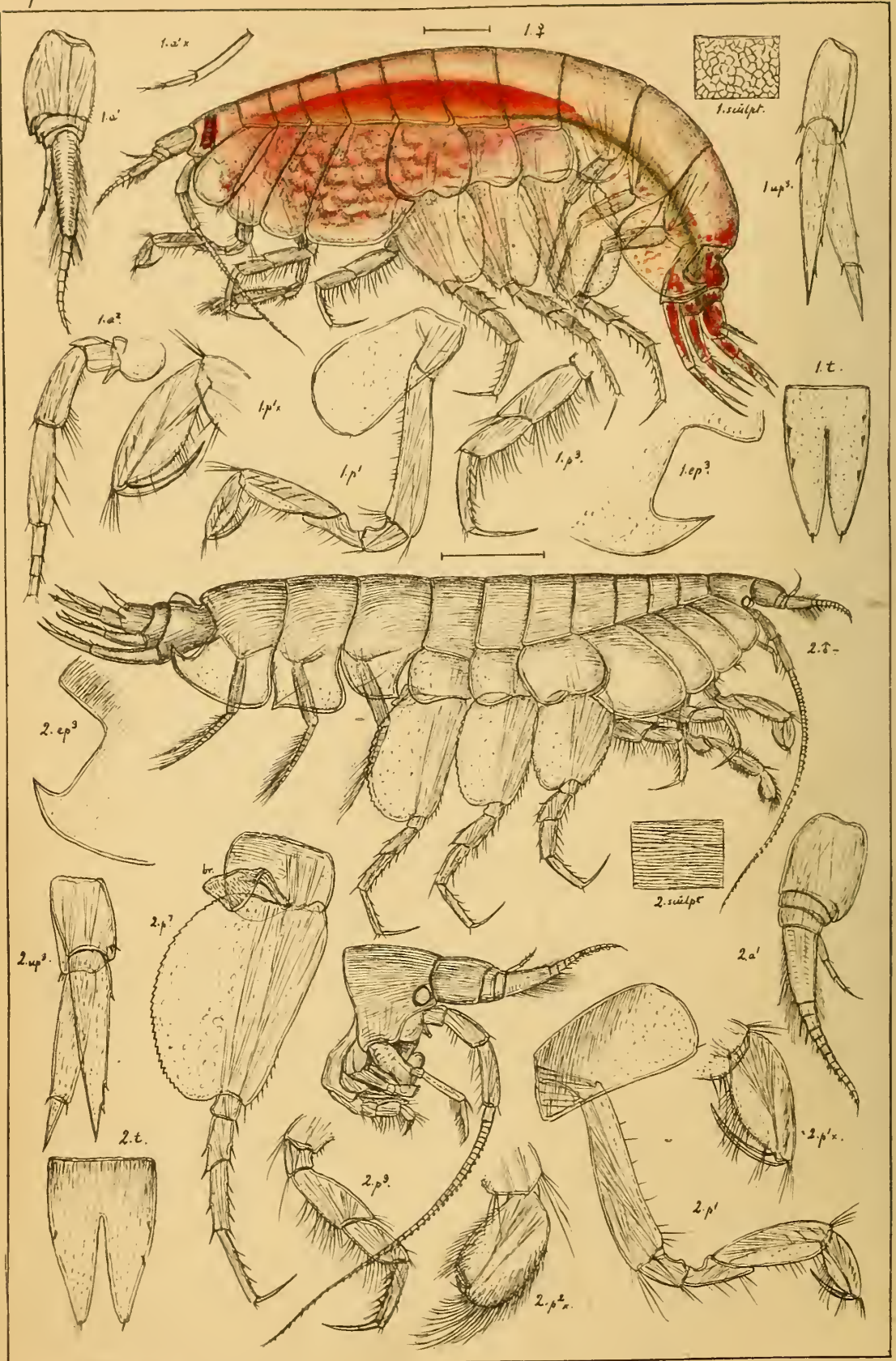
G.O Sars autogr.

1. *Callisoma crenata*, Sp. Bate.
2. *Callisoma Krøyeri*, (Bruzelius).



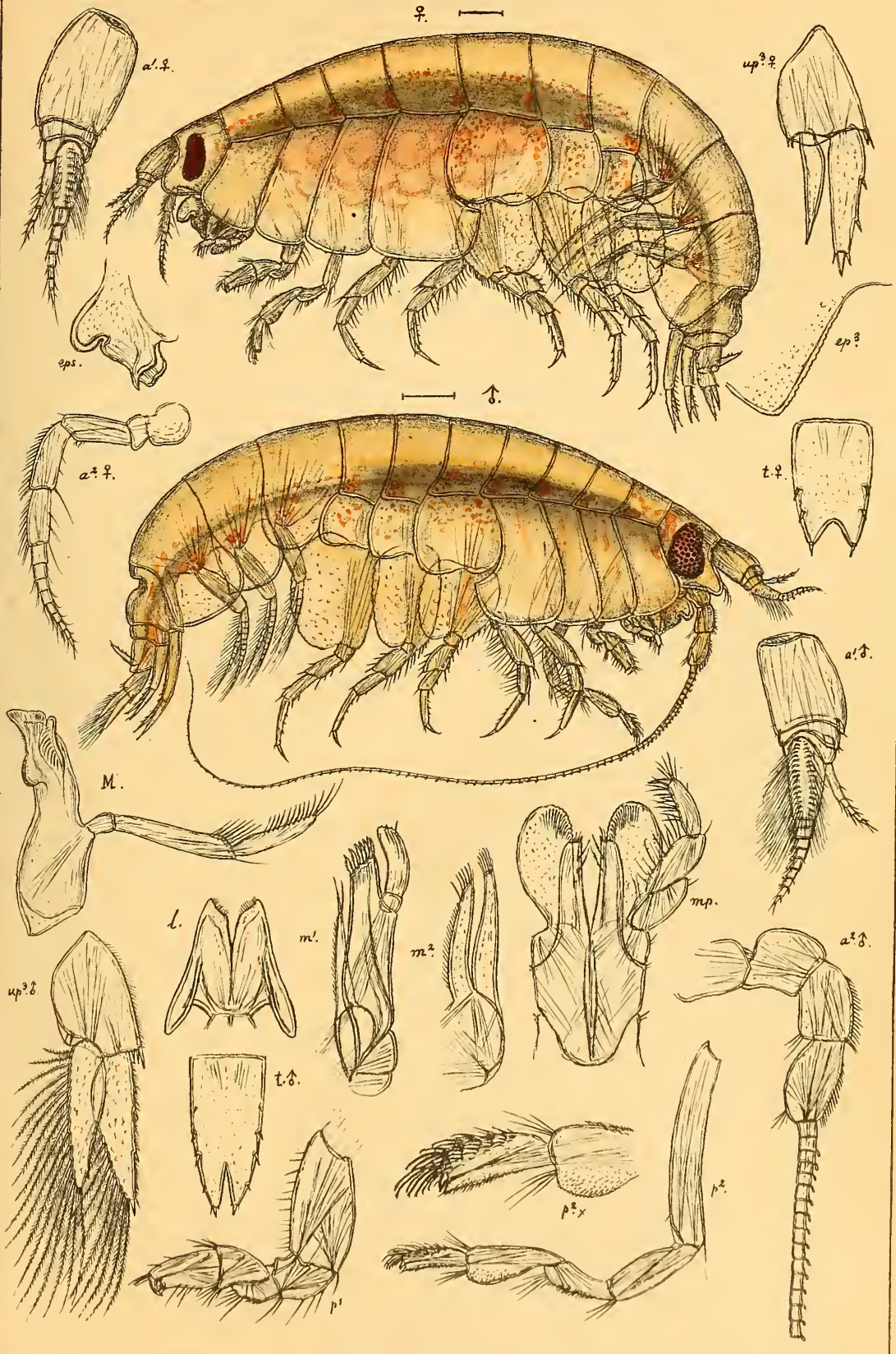
G.O.Sars autogr.

Hippomedon denticulatus, (Sp.Bate).



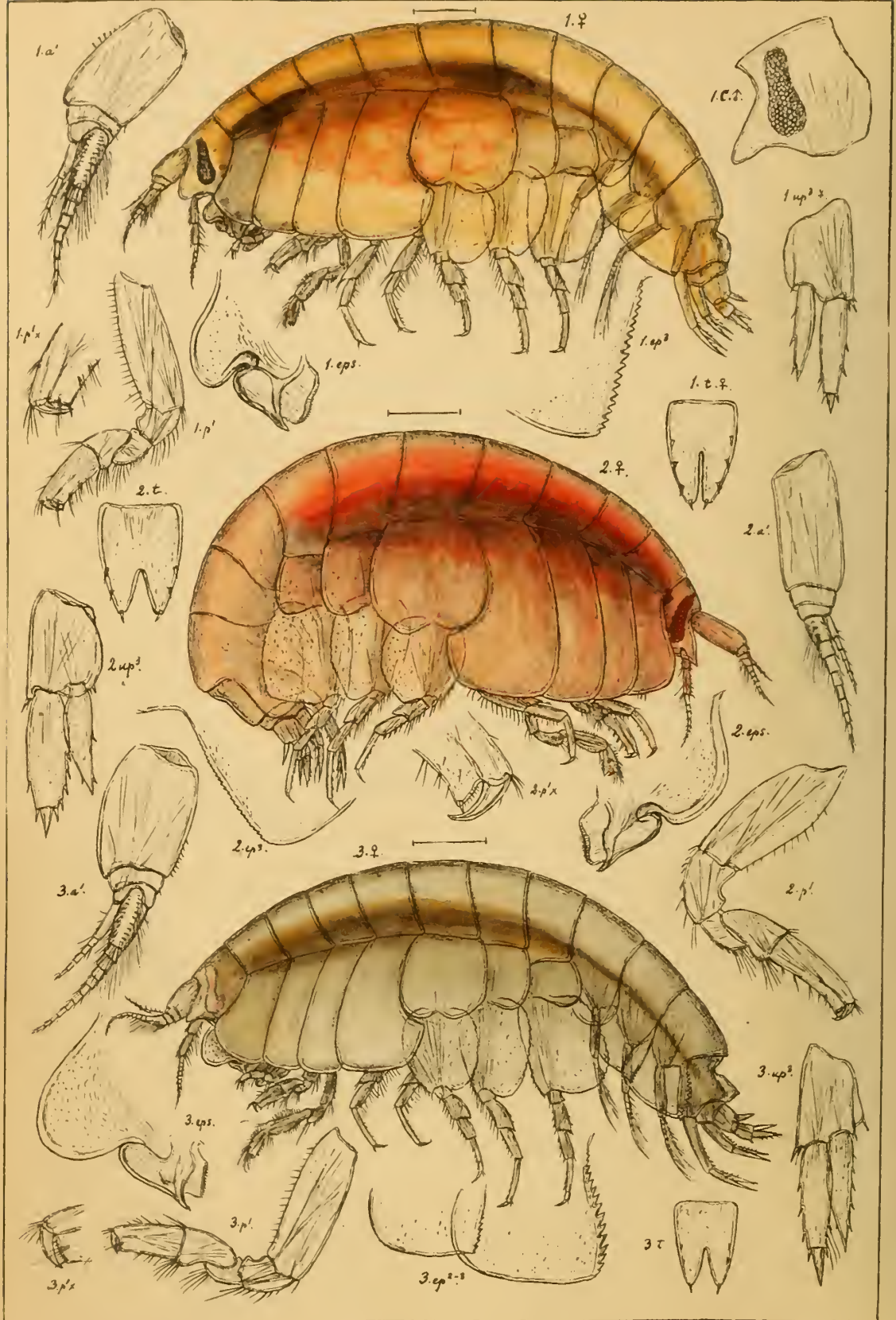
G.O.Sars autogr.

- 1. *Hippomedon propinquus*, G.O.Sars.
- 2. *Hippomedon Holbölli*, (Kröyer).



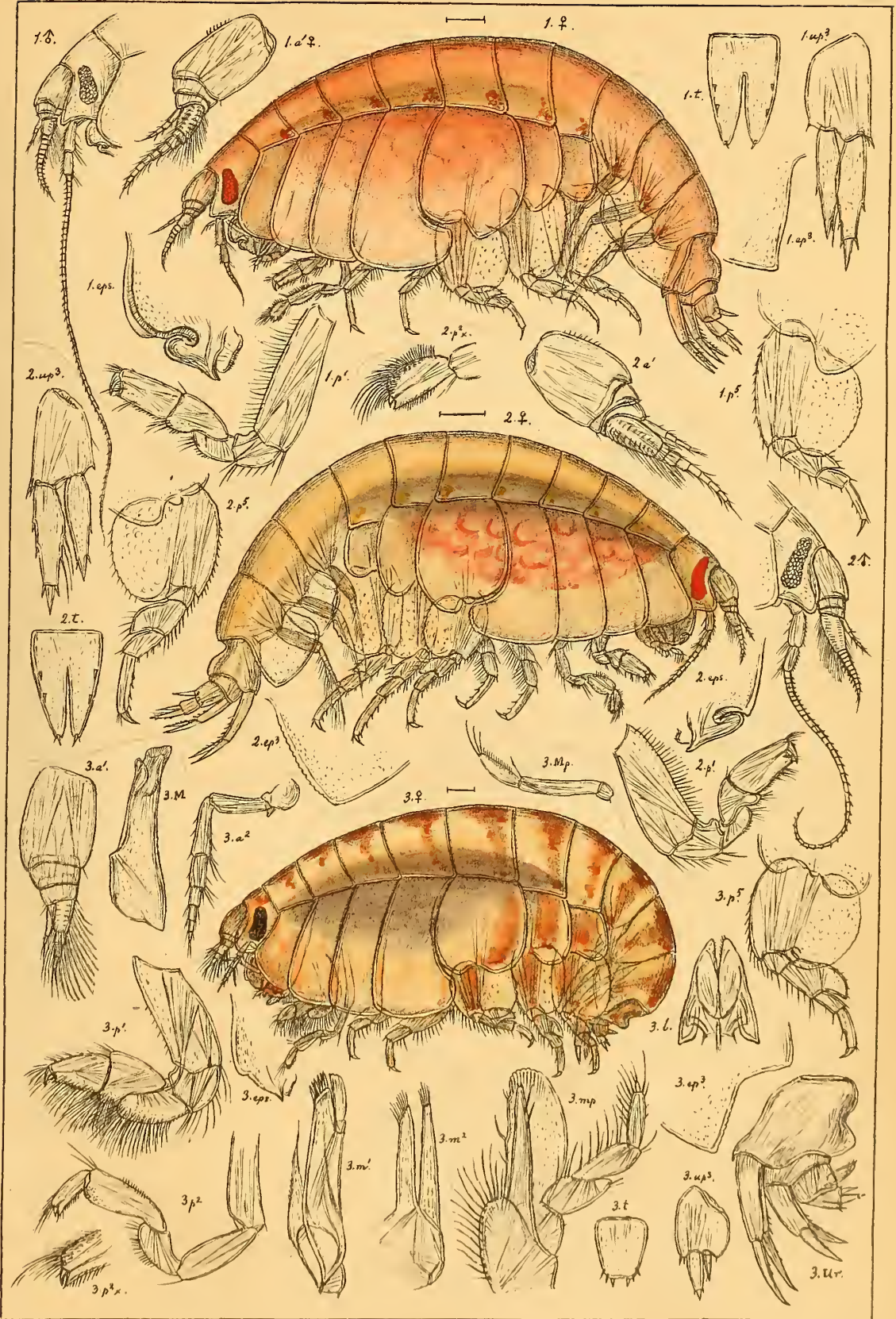
G.O.Sars autogr.

Orchomene Batei, G.O.Sars.



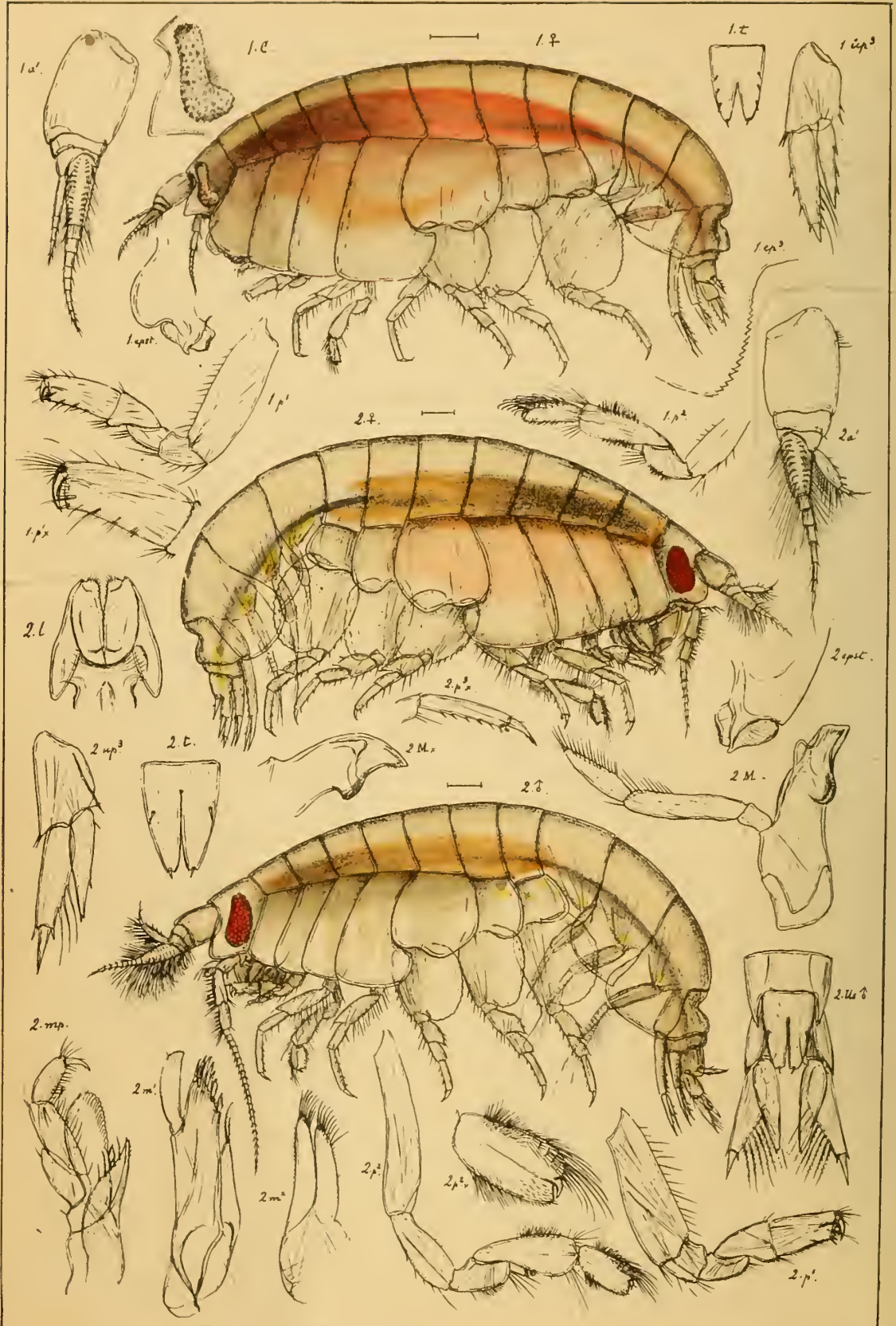
G.O.Sars autogr.

- 1. *Orchomene serratus*, Boeck.
- 2. *Orchomene crispatus*, (Goës).
- 3. *Orchomene pectinatus*, G.O.Sars.



G.O.Sars autogr.

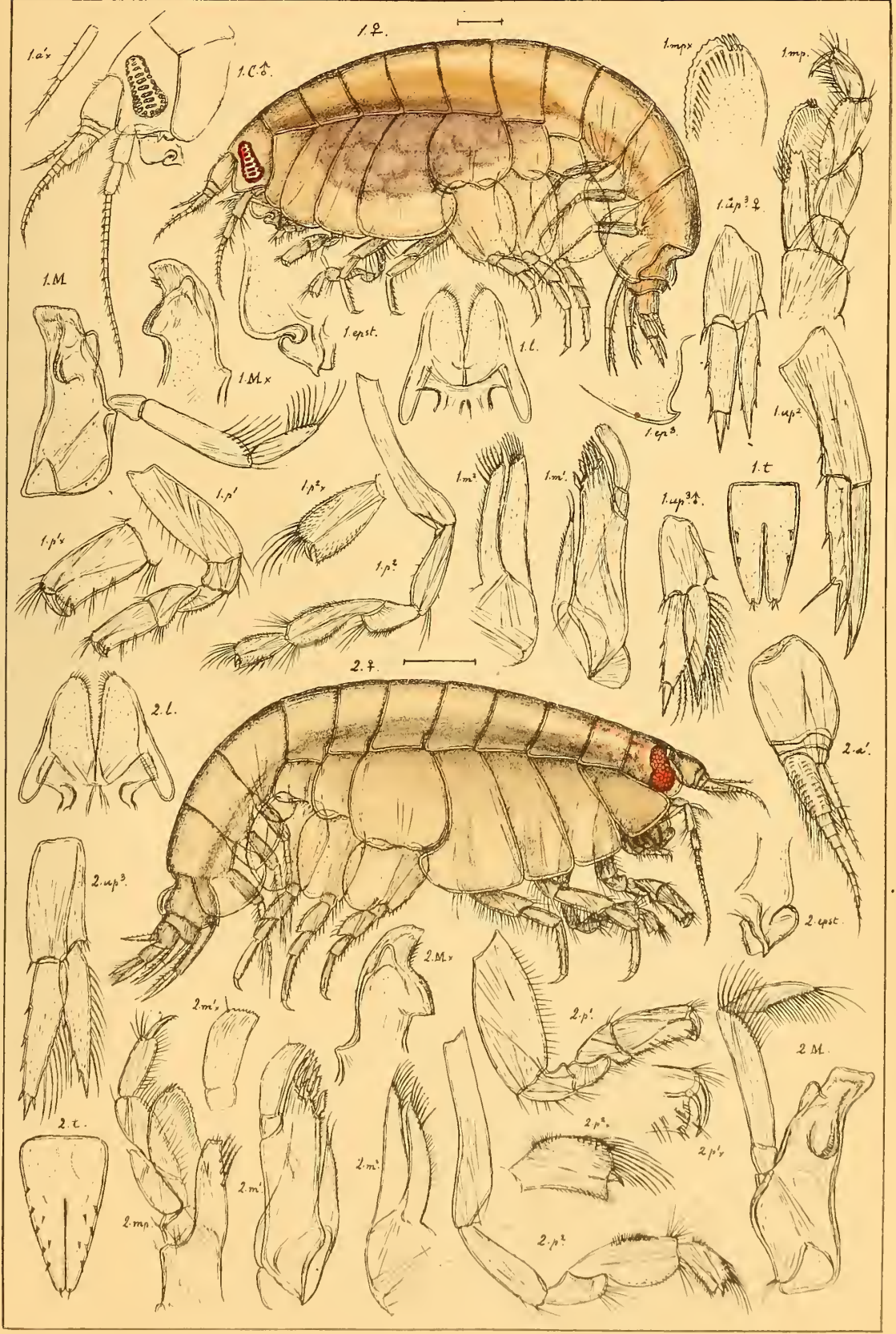
- 1. *Orchomenella minuta* (Kröyer).
- 2. *Orchomenella pingvis* (Boeck).
- 3. *Nannonyx Goëssii*, (Boeck).



G.O.Sars autogr.

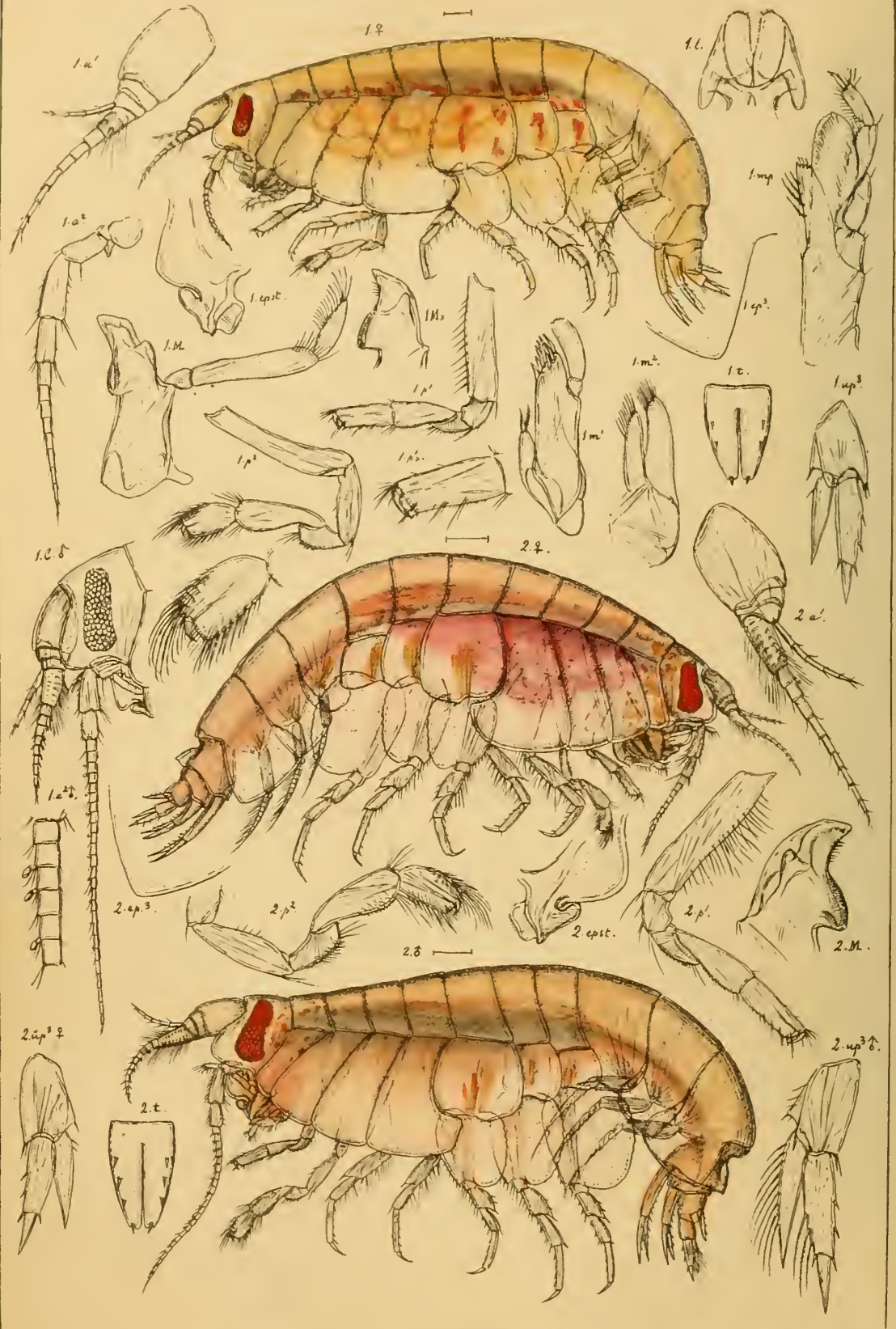
1. *Orchomene amblyops*, n.sp.

2. *Orhomenella ciliata*, G.O.Sars



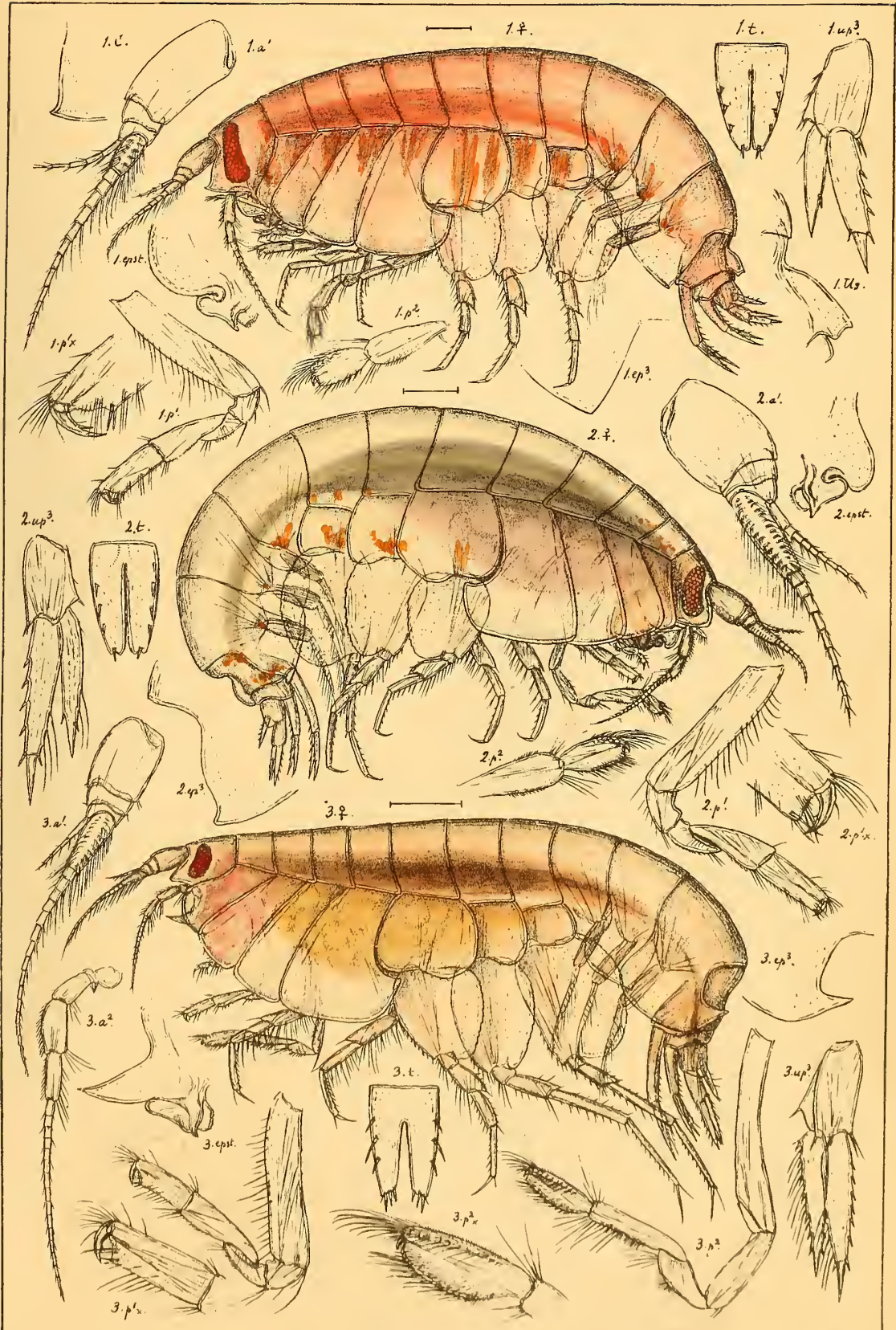
G.O.Sars autogr.

1. *Orchomenella grönlandica*, (Hansen).
 2. *Orchomenopsis obtusa*, n.gen. & sp.



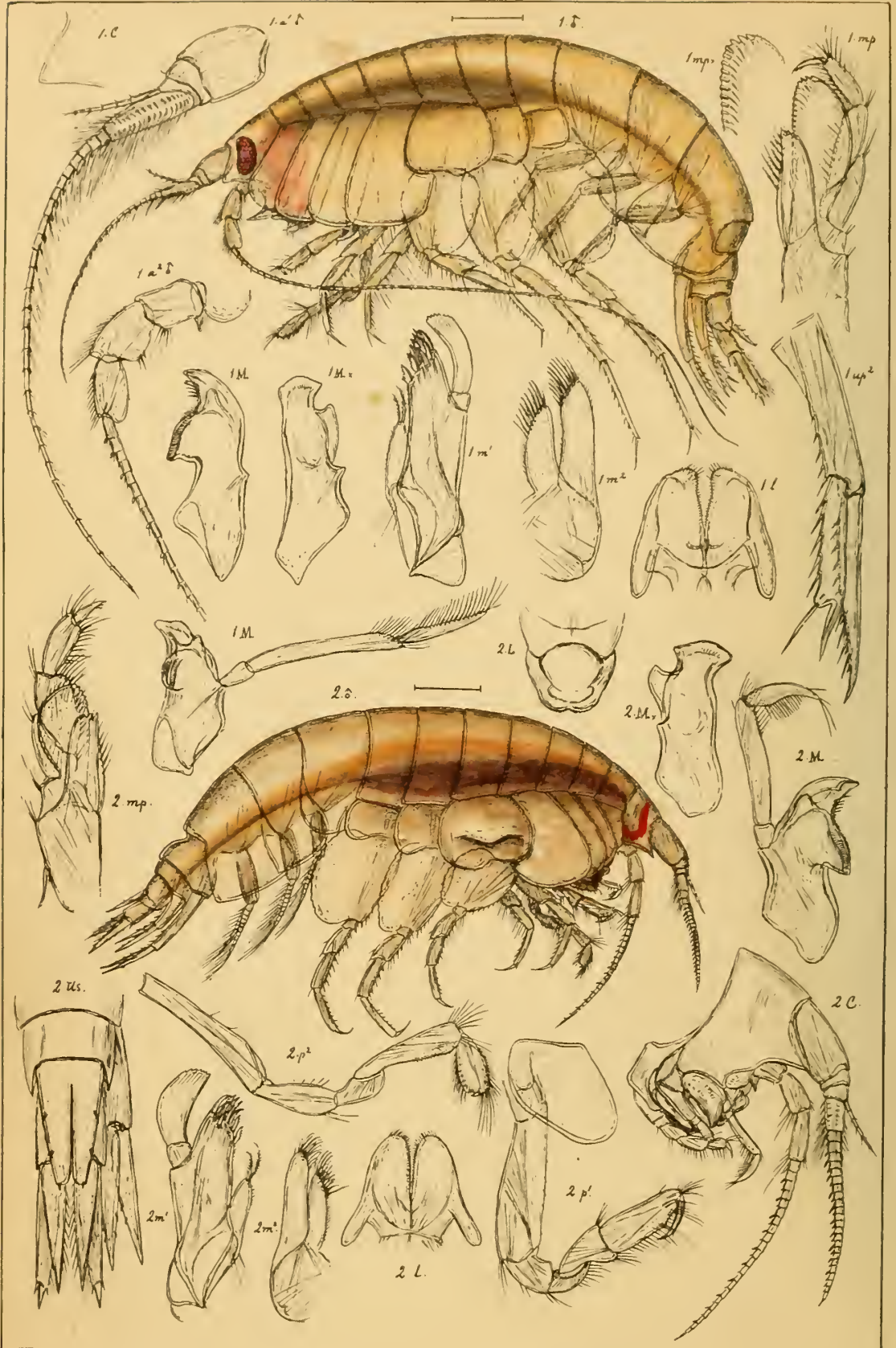
G.O.Sars autogr.

1. *Tryphosa nana*, (Kroyer).
2. *Tryphosa Höringii*, Boeck.



G.O. Sars autogr.

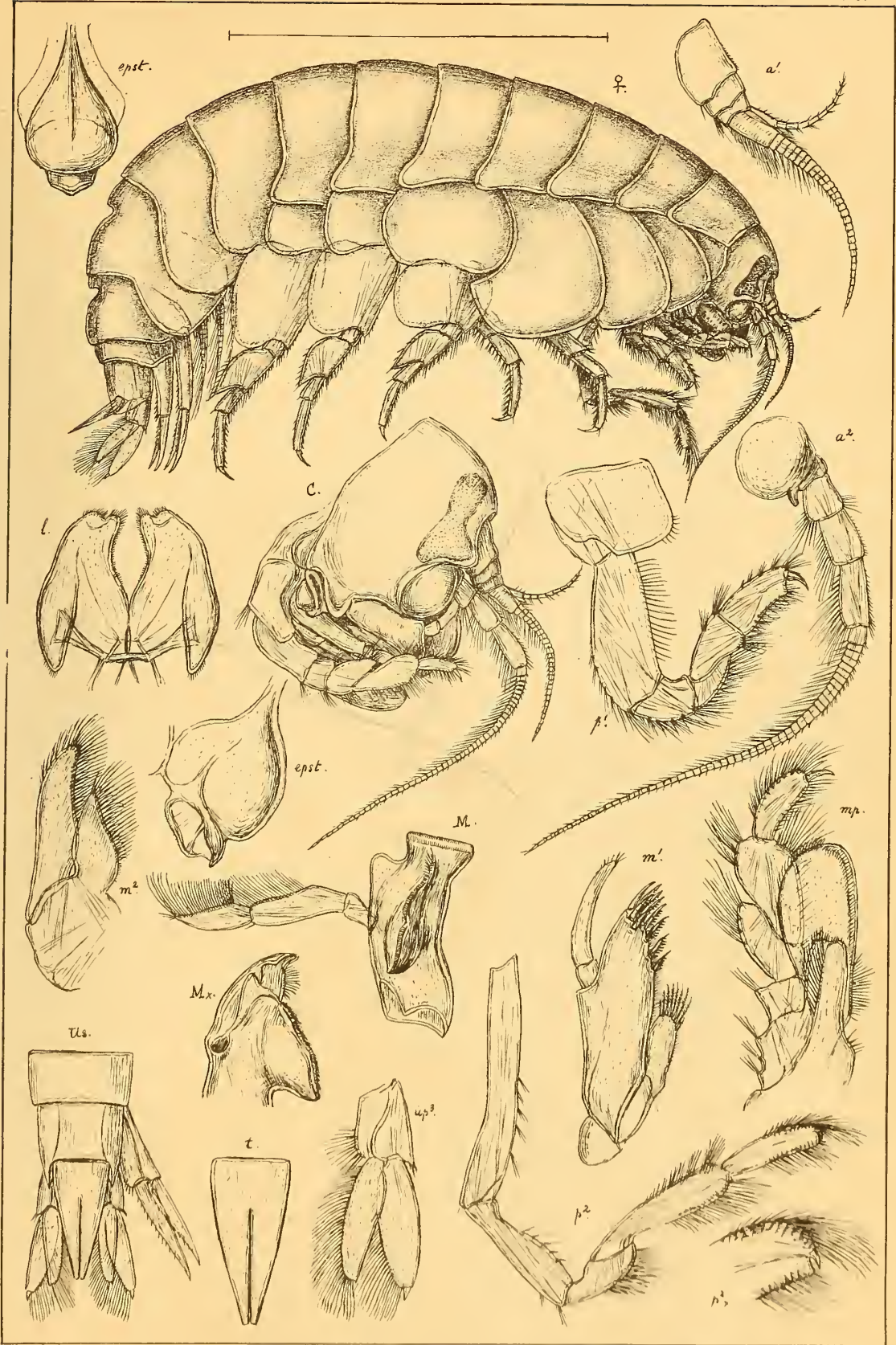
1. *Tryphosa angulata*, n. sp.
2. *Tryphosa nanoides*, (Lilljeborg).
3. *Tryphosites longipes*, (Sp. Bale).



G.O.Sars autogr.

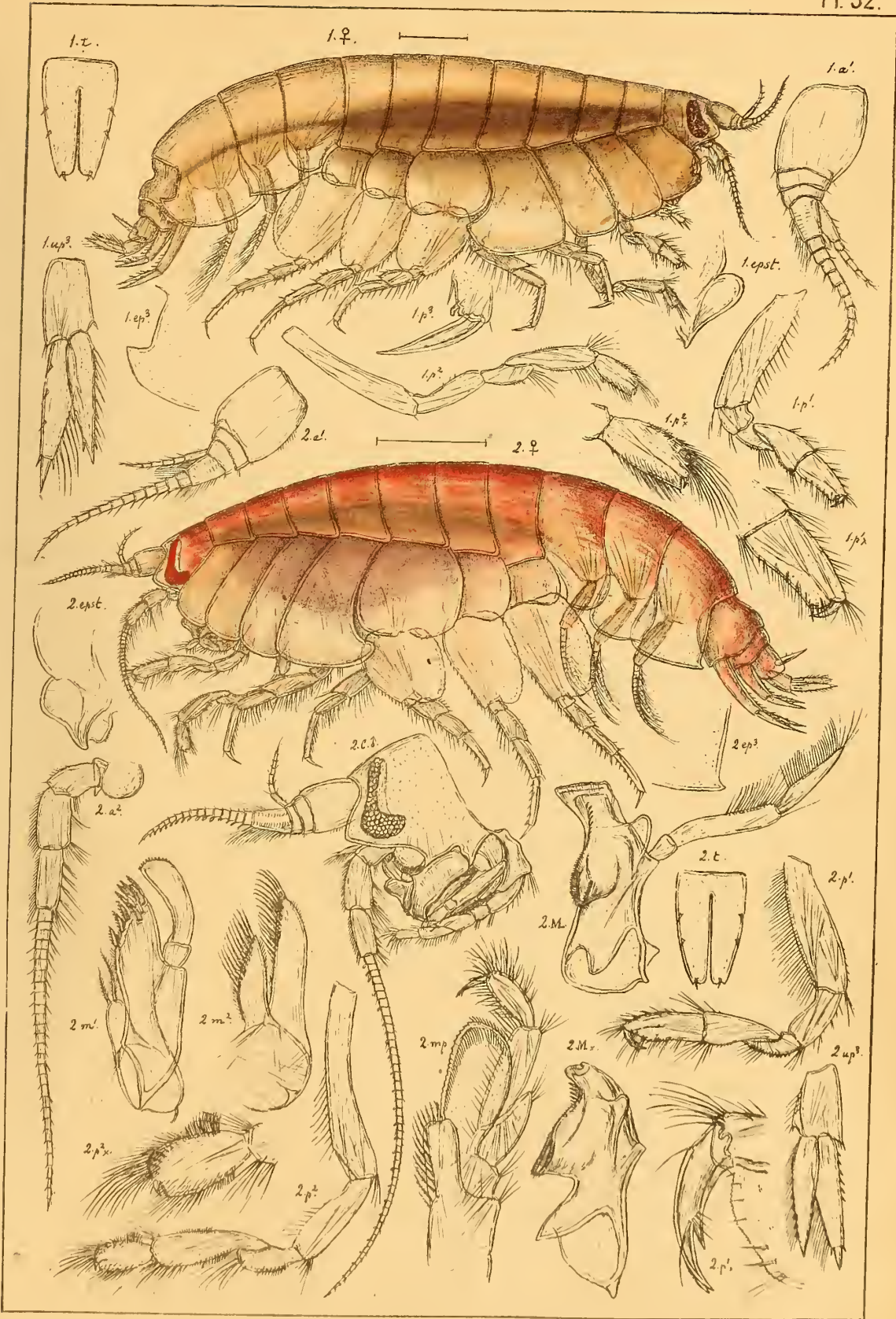
1. *Tryphosites longipes*, (Sp. Bate).

2. *Pseudotryphosa umbonata*, G.O.Sars.



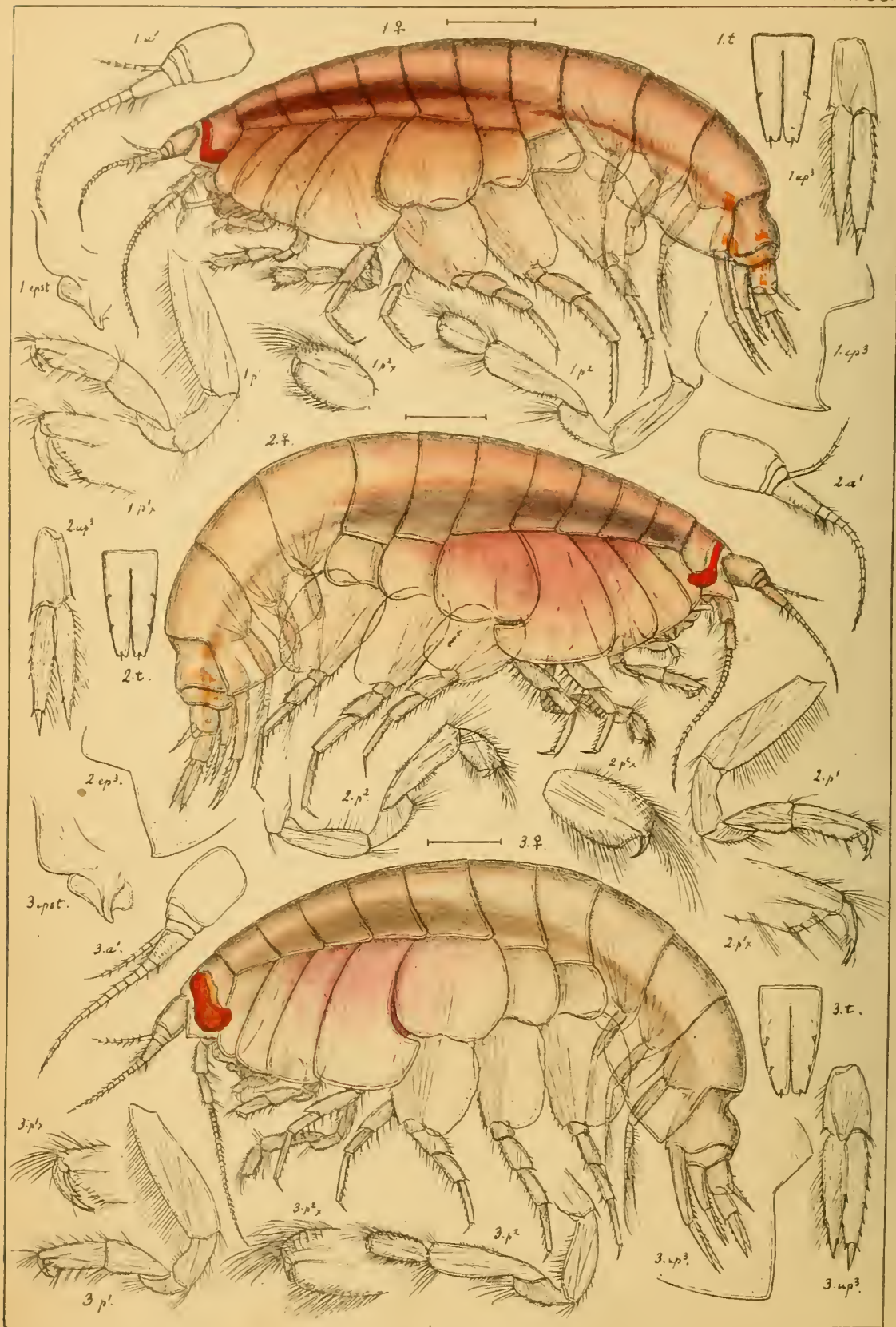
G.O.Sars autogr.

Eurytenes gryllus, (Mandt). (1847)



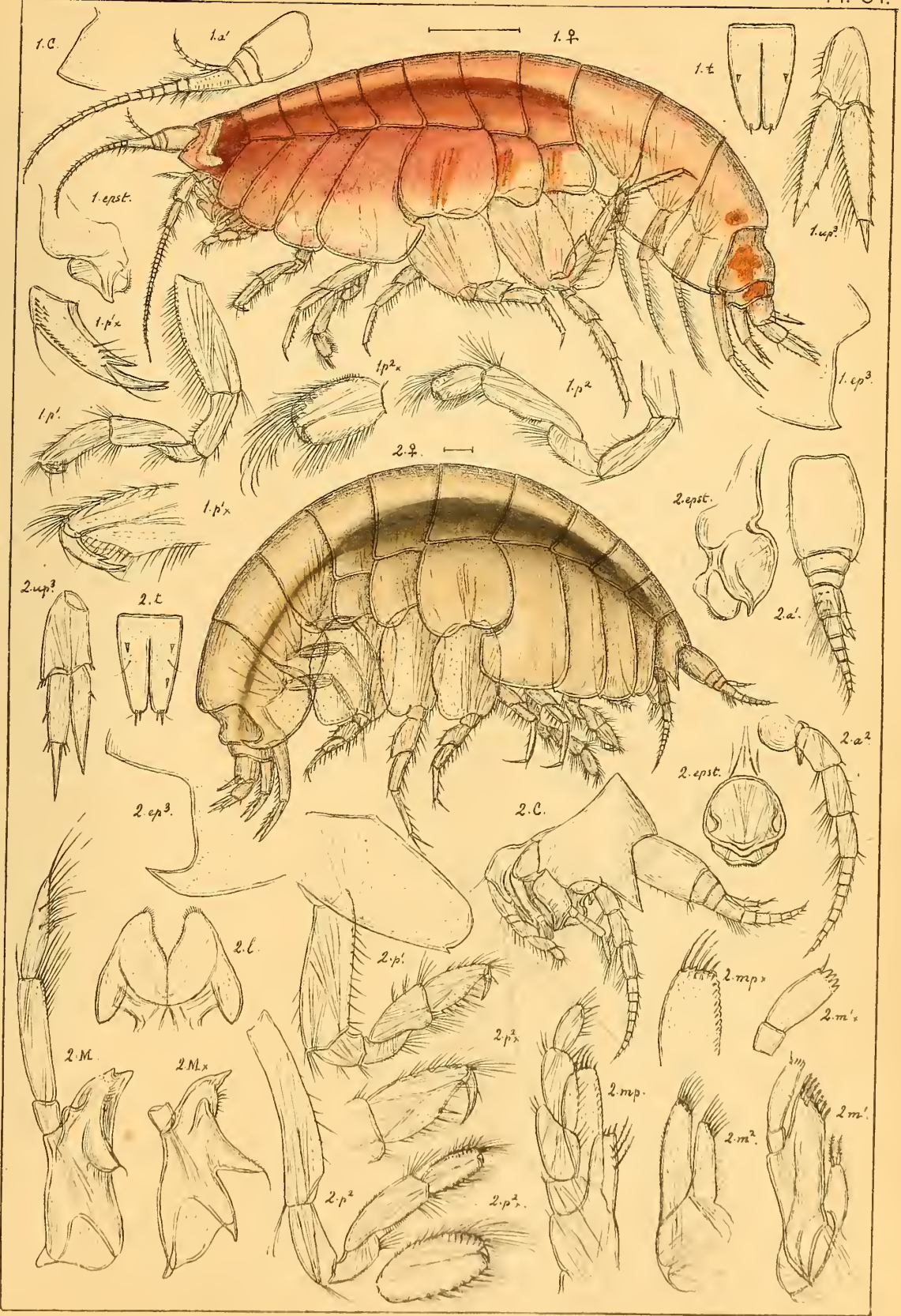
G.O.Sars autogr.

- 1. *Anonyx Lilljeborgii*, Boeck.
- 2. *Hoplonyx cicada*, (Fabr.).



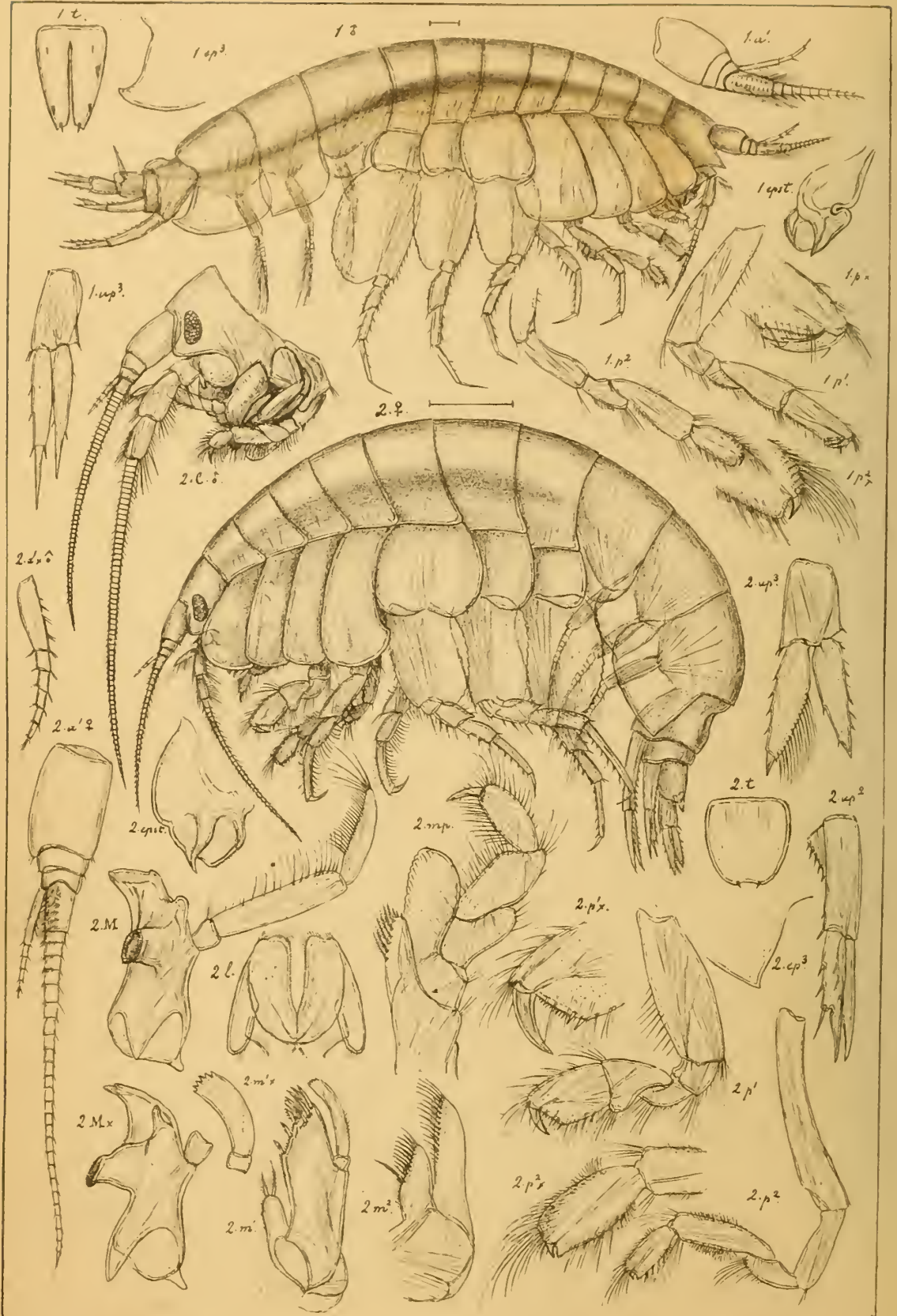
G.O.Sars autogr.

- 1. *Hoplonyx similis*, n. sp.
- 2. *Hoplonyx acutus*, n. sp.
- 3. *Hoplonyx albidus*, n. sp.



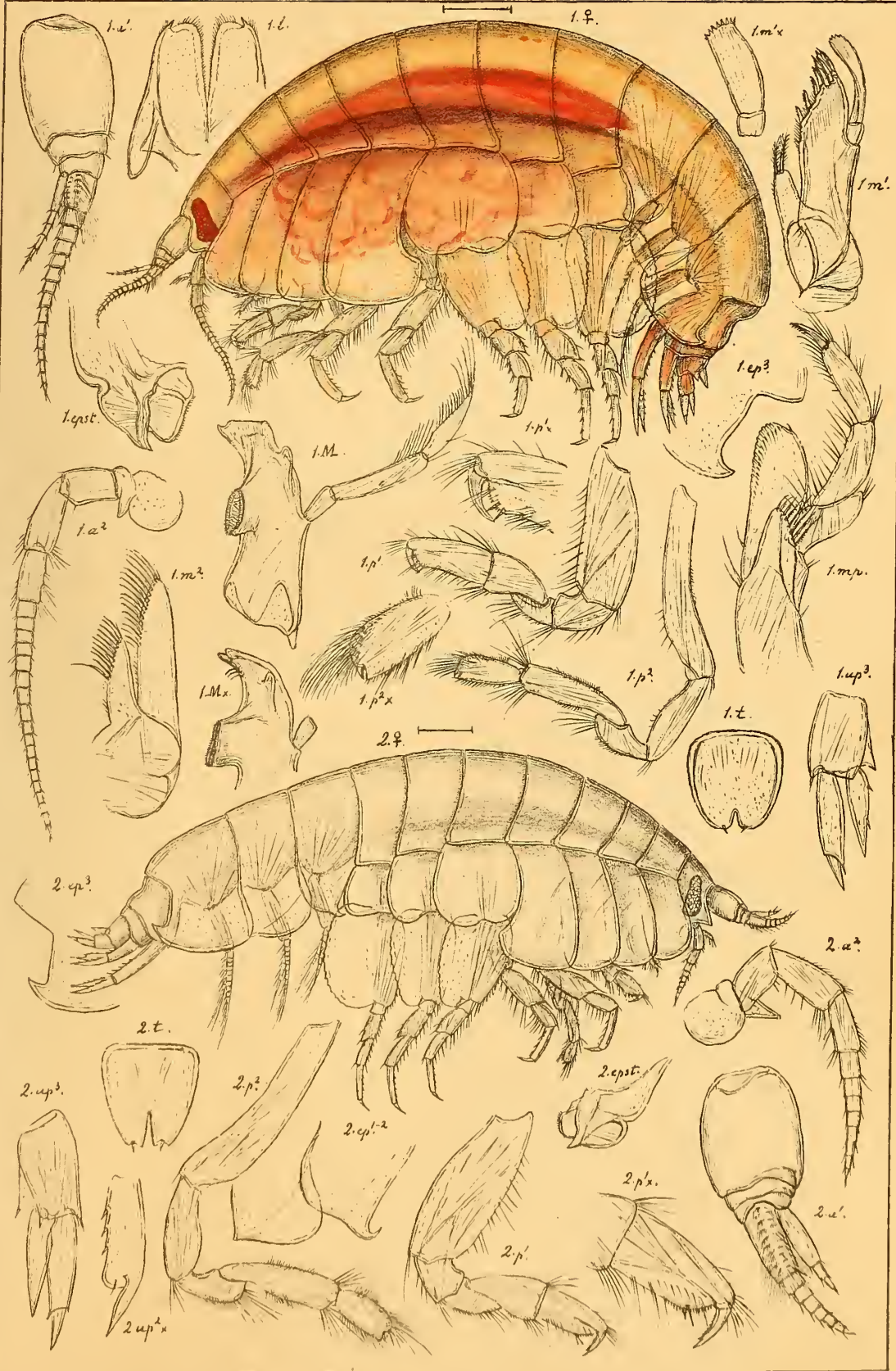
G.O.Sars autogr.

1. *Hoplonyx leucophthalmus*, n.sp.
2. *Centromedon pumilus*, (Lilljeborg).



G.O.Sars autogr.

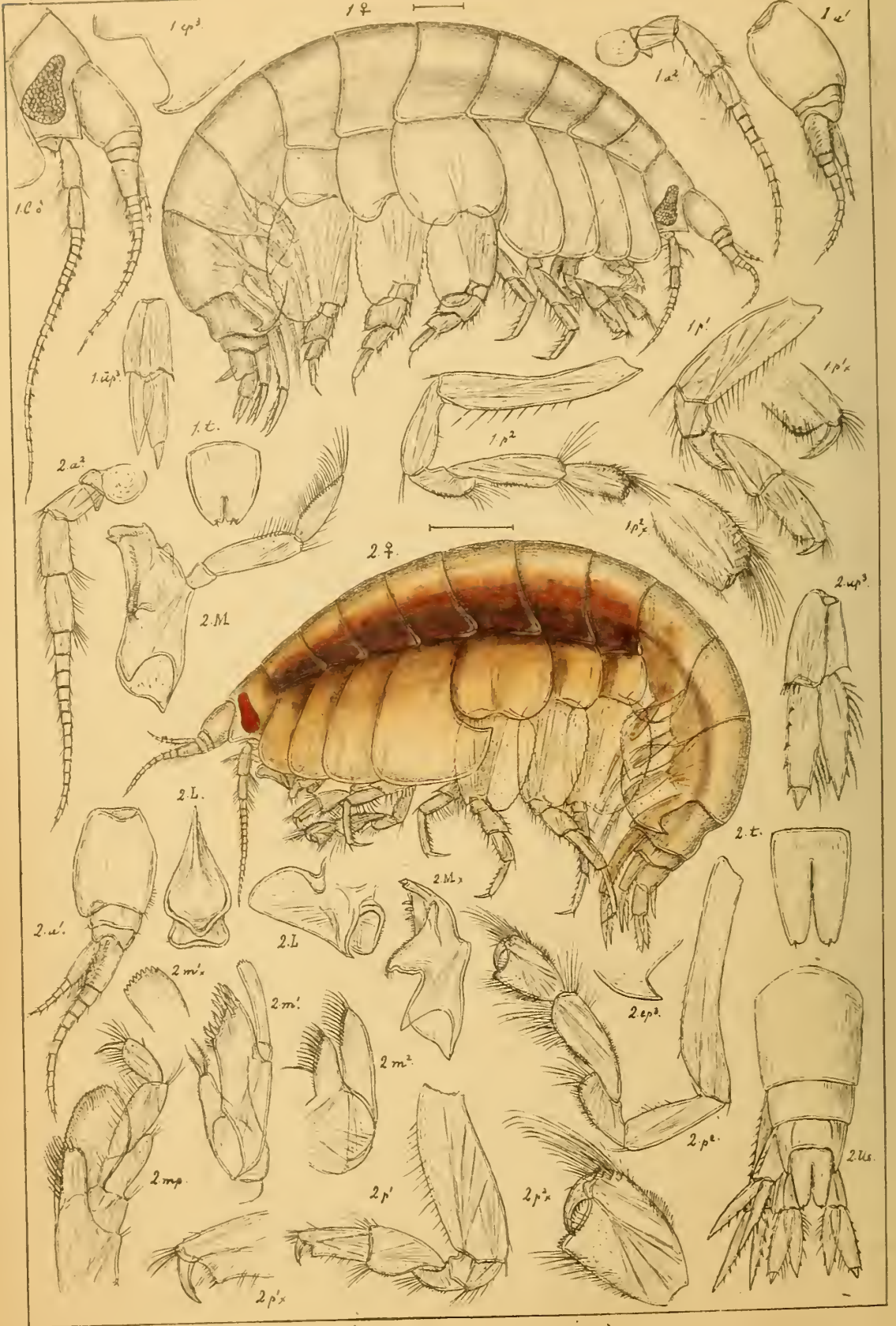
1. *Hoplonyx caeculus*. n. sp.
2. *Alibrotus littoralis*, (Kröyer).



G.O Sars autogr.

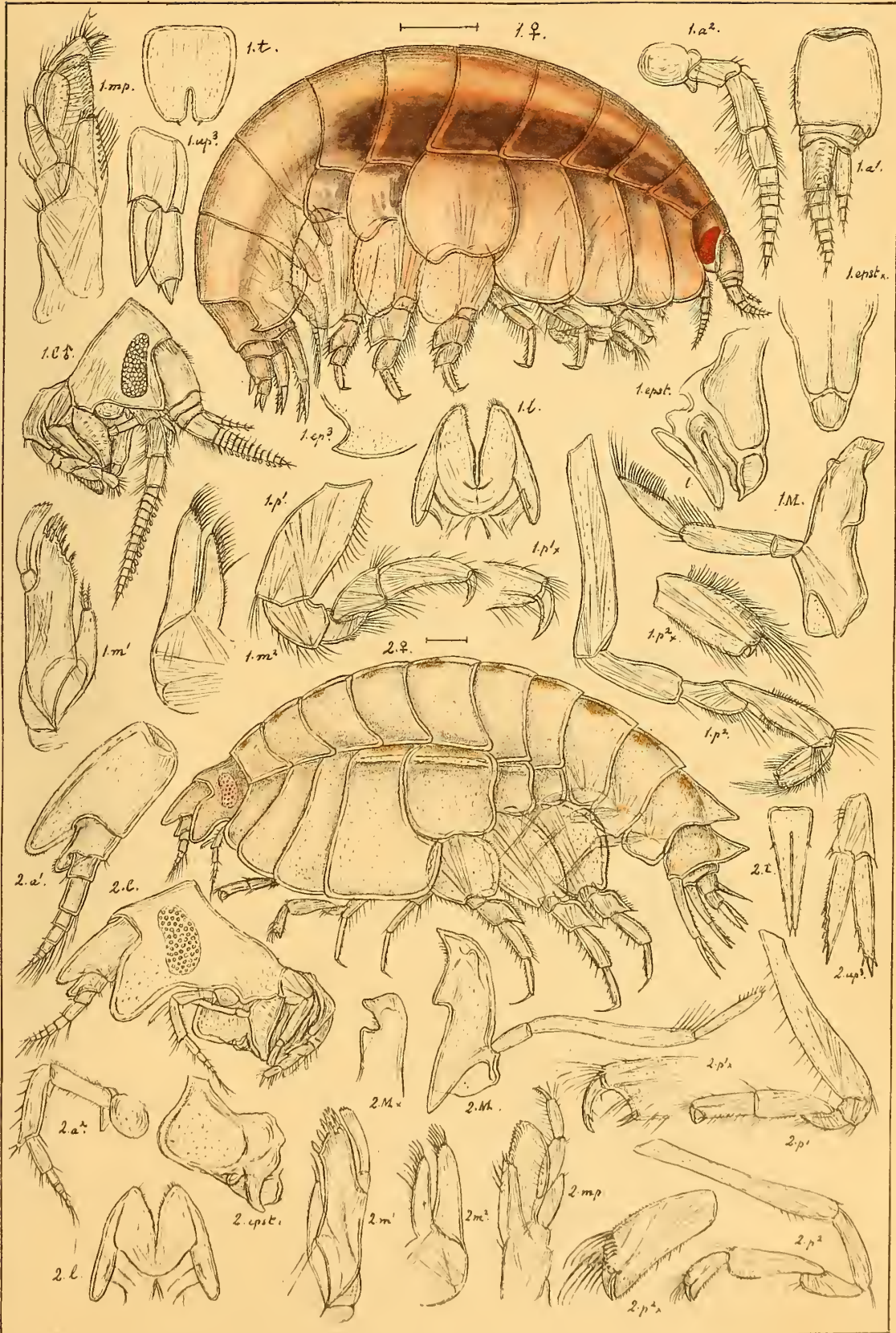
1. *Onesimus Edwardsii*, (Kröyer).

2. *Onesimus Normani*, (Schneider).



G.O.Sars autogr.

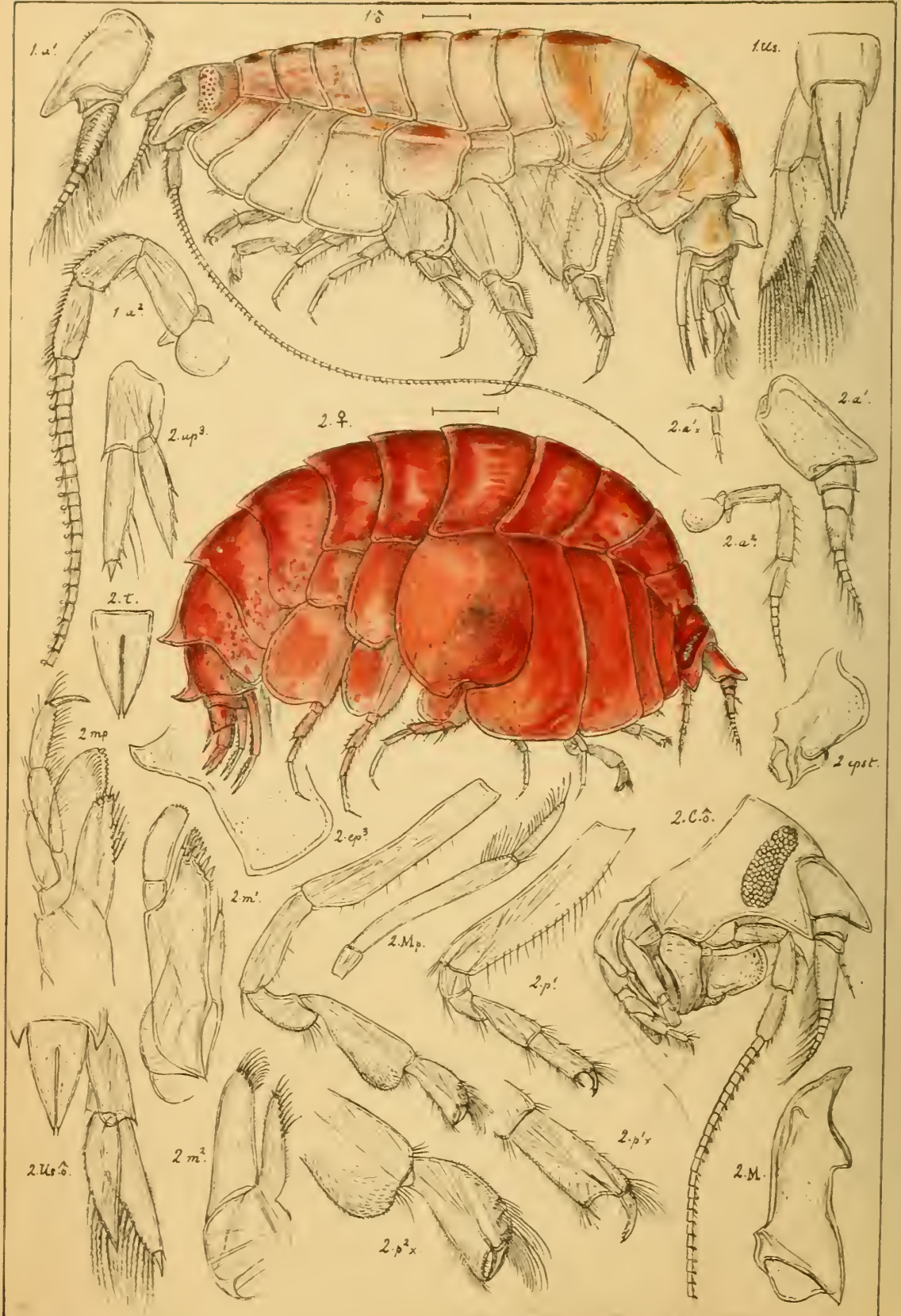
1. *Onesimus plautus*, (Kröyer).
2. *Chironesimus Debruylii*, (Hoek).



G.O.Sars autogr.

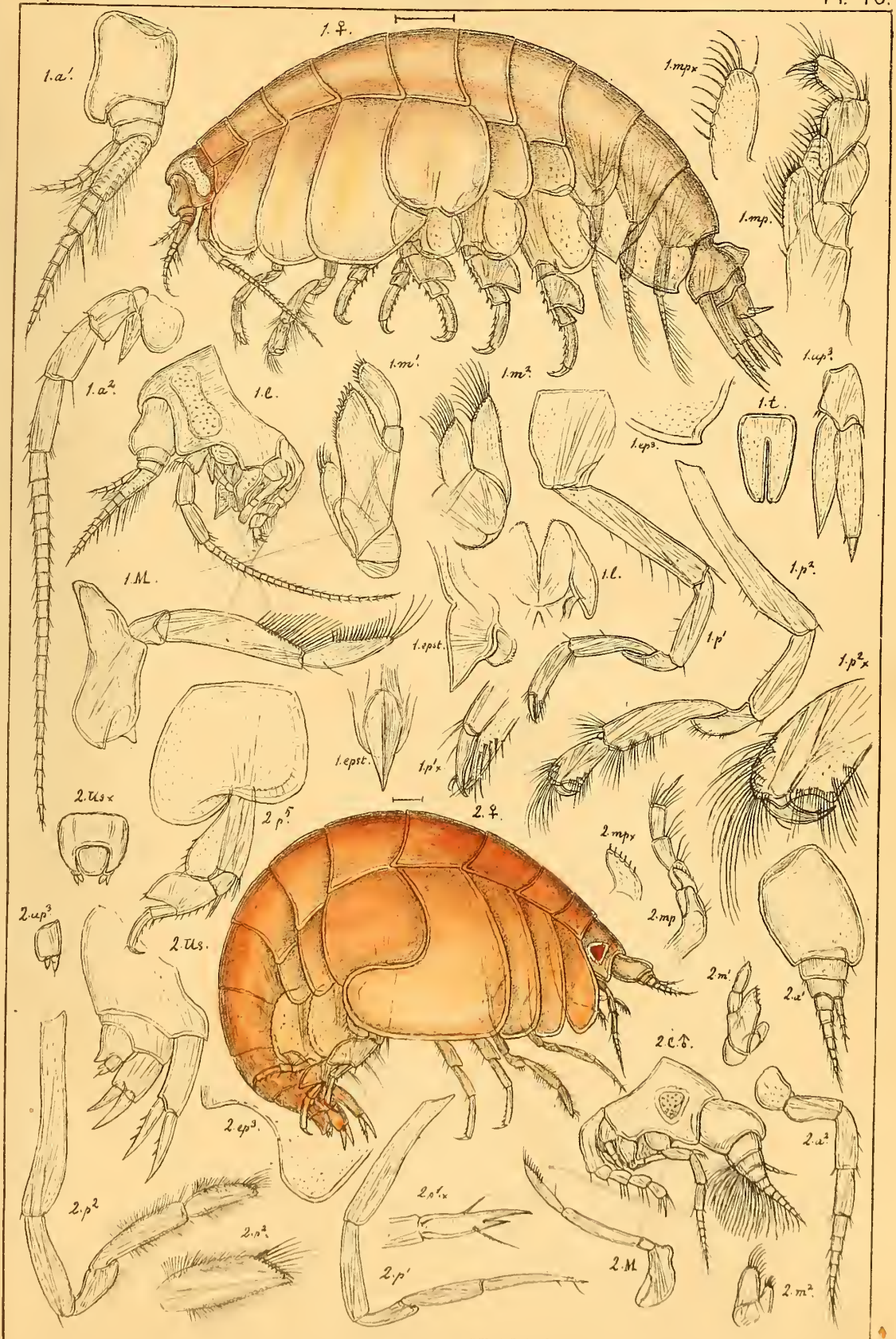
1. Menigrates obtusifrons, Boeck.

2. Lepidepreum carinatum, Sp.Bate ♀.



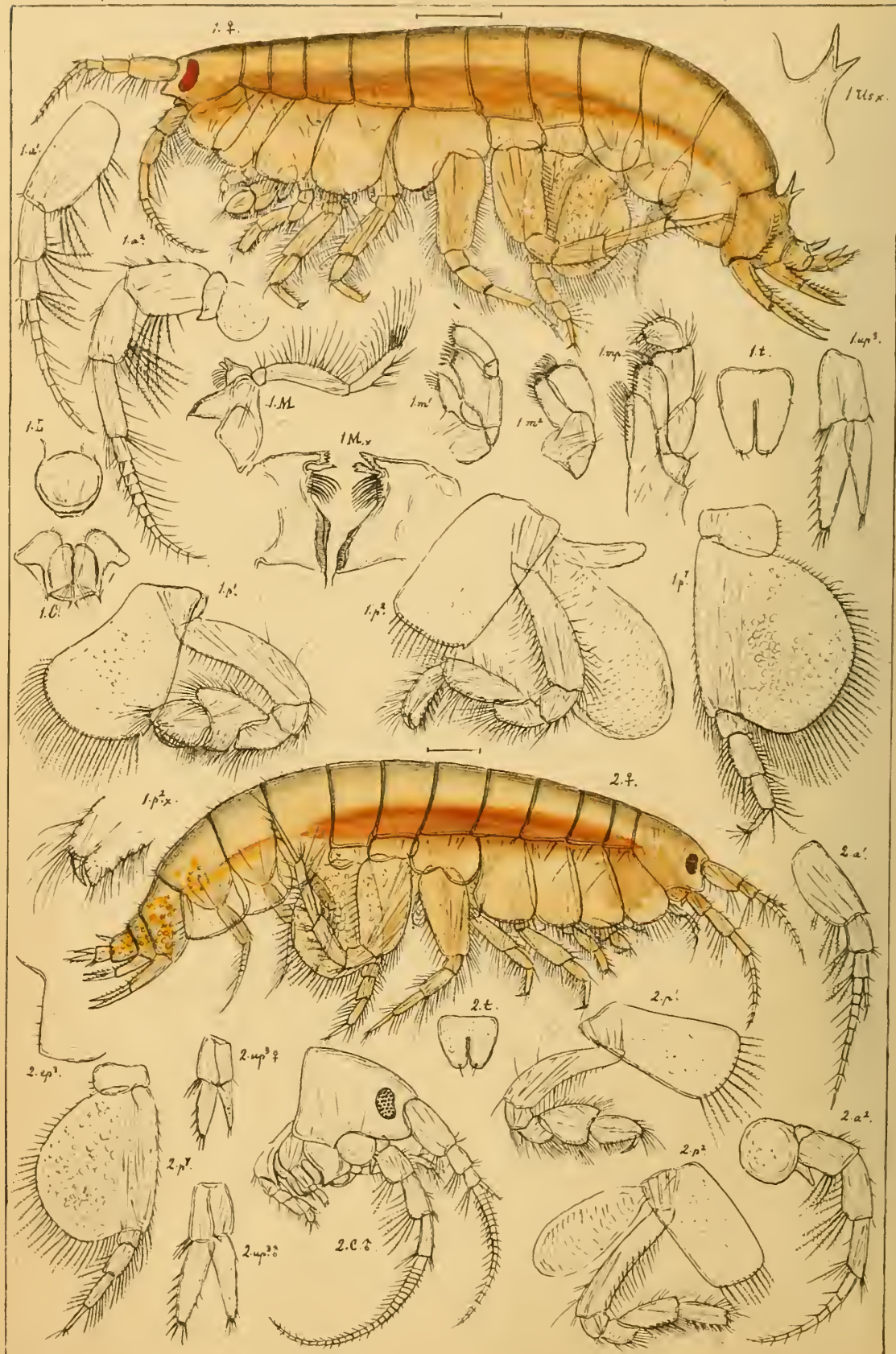
G.O.Sars autogr.

1. *Lepidepcreum carinatum*, Sp. Bate ♂.
2. *Lepidepcreum umbo*, (Goës).



G.O. Sars autogr.

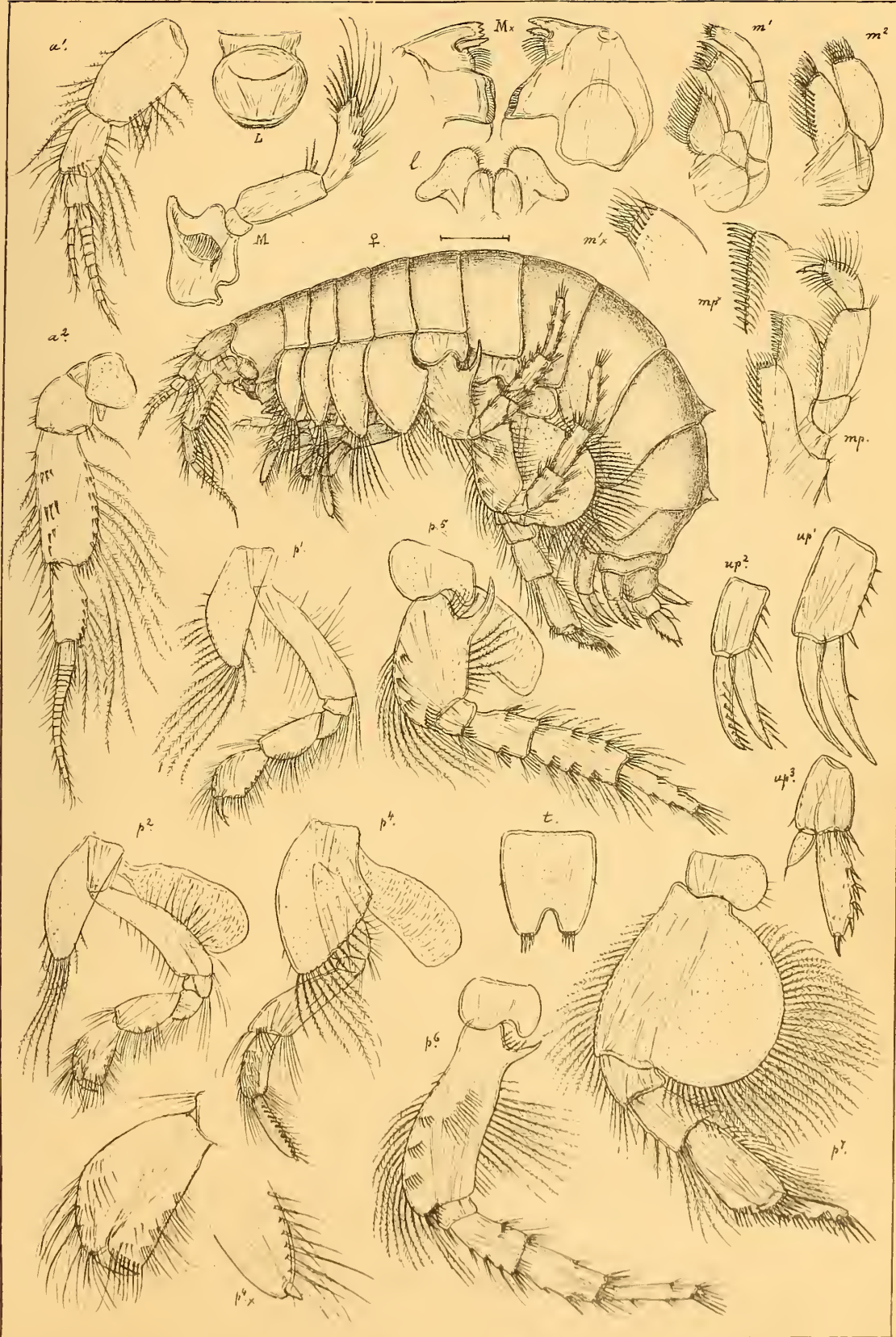
1. *Euonyx chelatus*, Norman.
2. *Kerguelenia borealis*, n. sp.

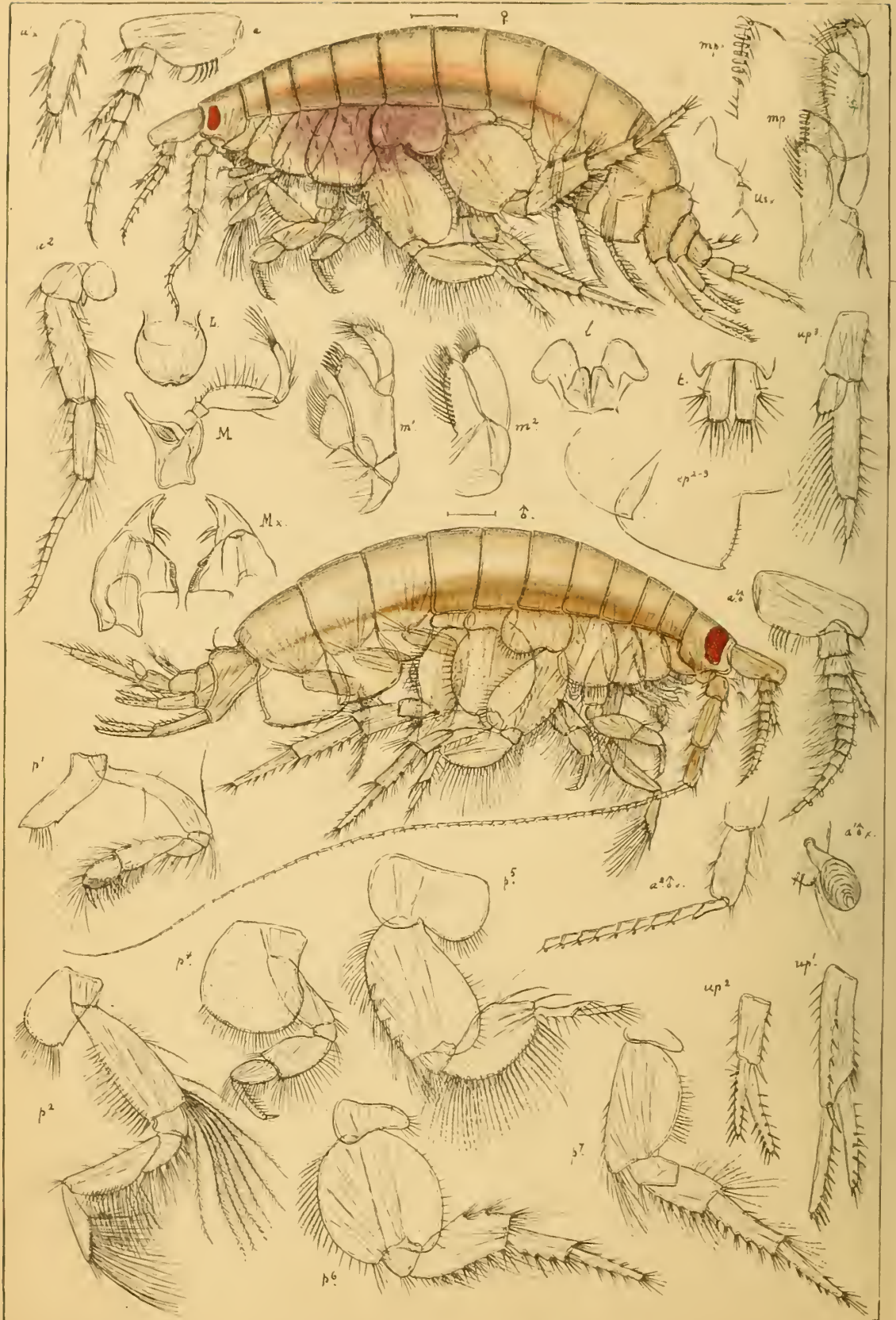


G.O Sars autogr.

1. *Pontoporeia femorata*, Kröyer.

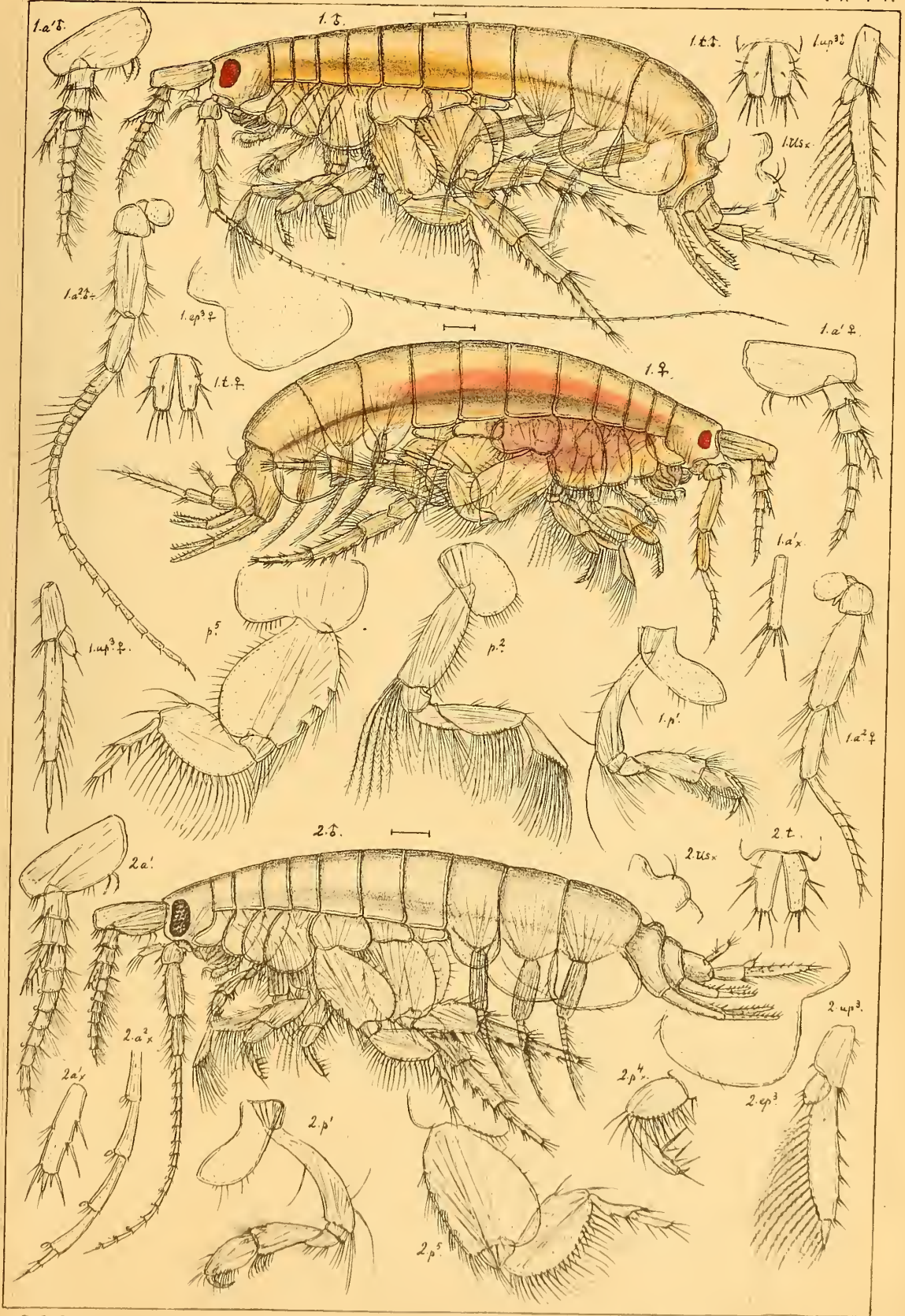
2. *Pontoporeia affinis*, Bruzelius.





G.O. Sars autogr.

Bathyporeia norvegica, n.sp.



G.O. Sars autogr.

1. *Bathyporeia pelagica*, Sp. Bate.

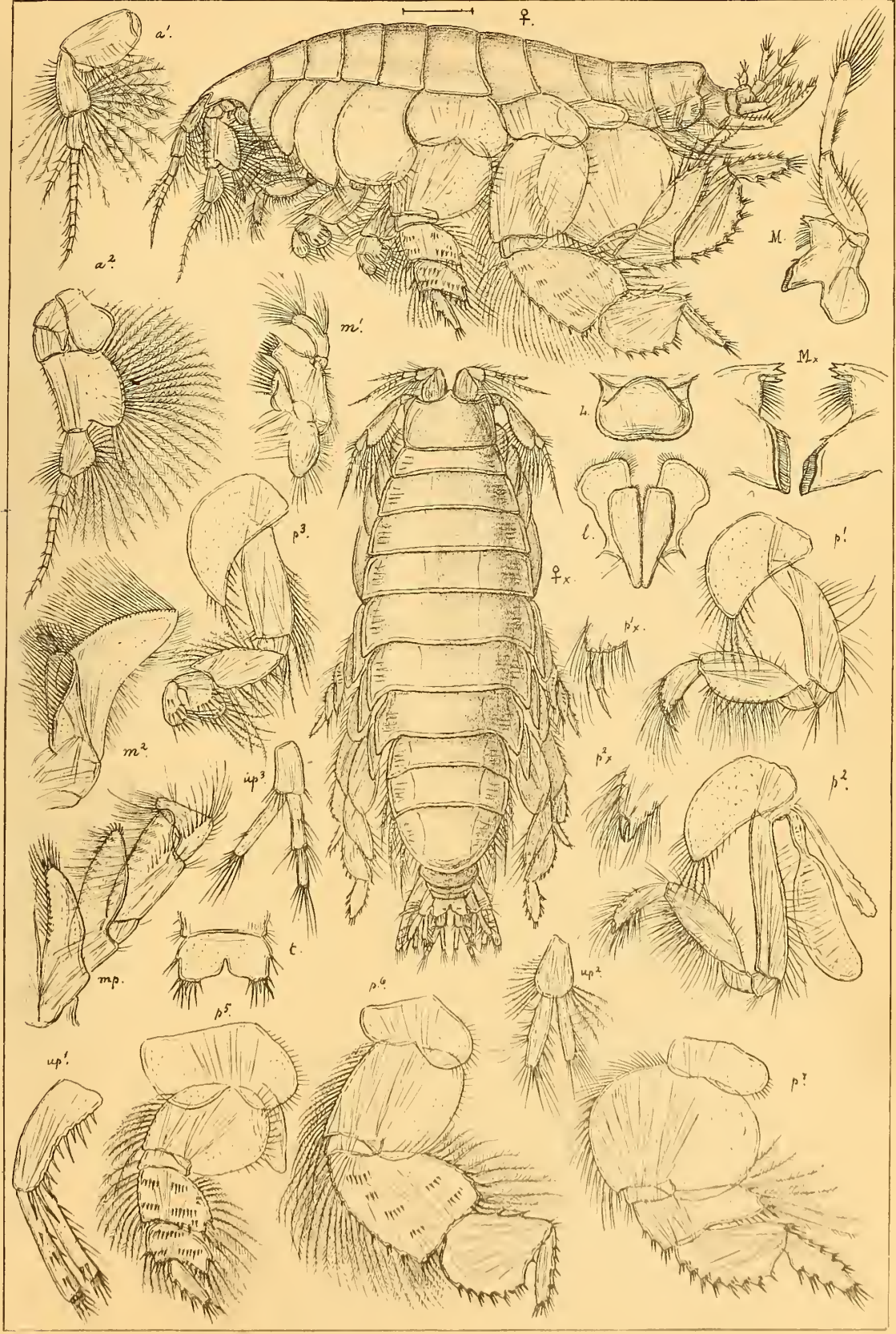
2. *Bathyporeia Robertsonii*, Sp. Bate.



G.O.Sars autogr.

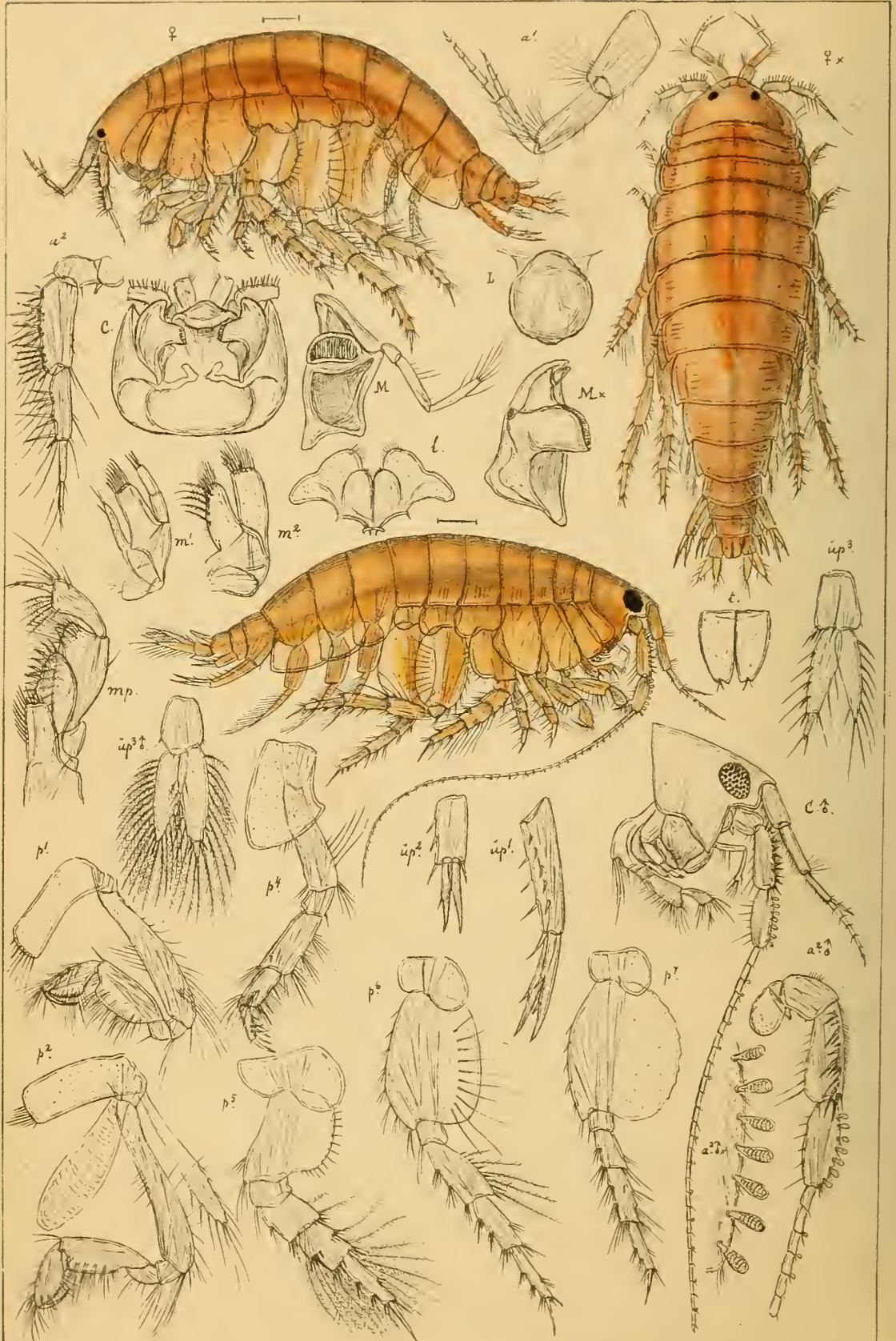
1. *Bathyporeia gracilis*, n.sp.

2. *Bathyporeia pilosa*, Lindström.



G.O.Sars autogr.

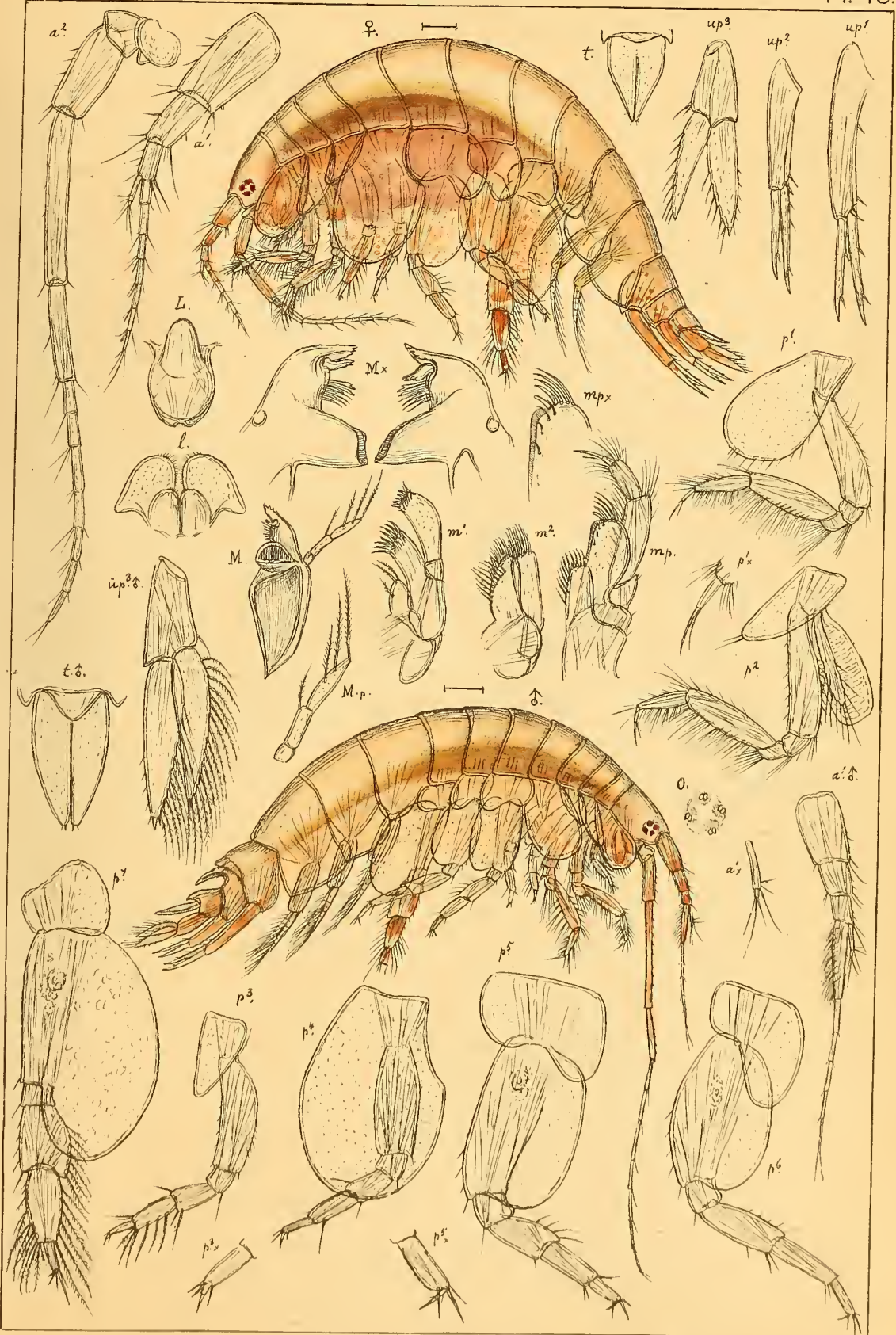
Haustorius arenarius, (Slabber).



G.O.Sars autogr.

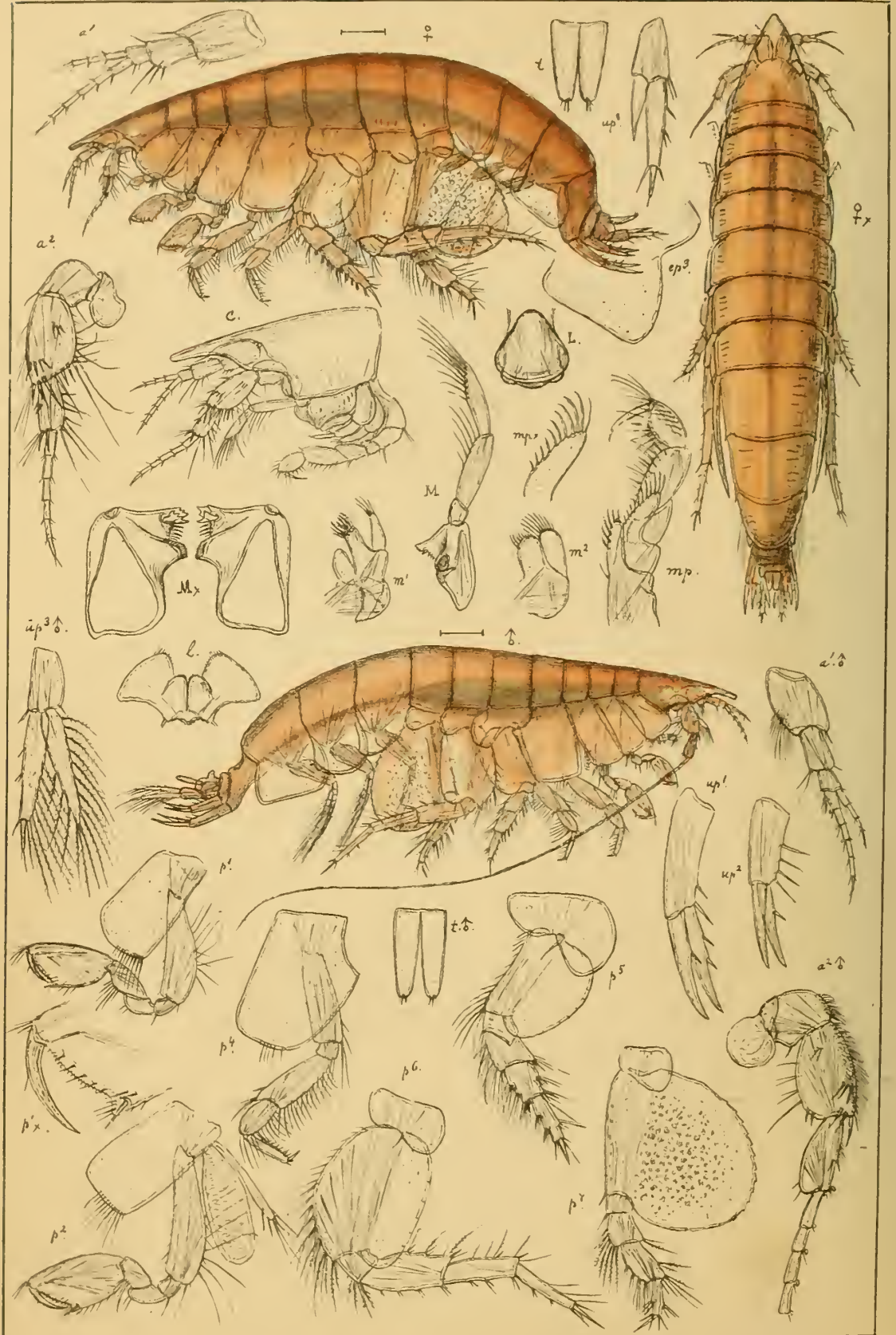
Urothoe norvegica, Boeck.

Urothoe



G.O.Sars autogr.

Argissa typica, Boeck.



G.O Sars autoogr.

Phoxocephalus Holbölli, (Kröyer).



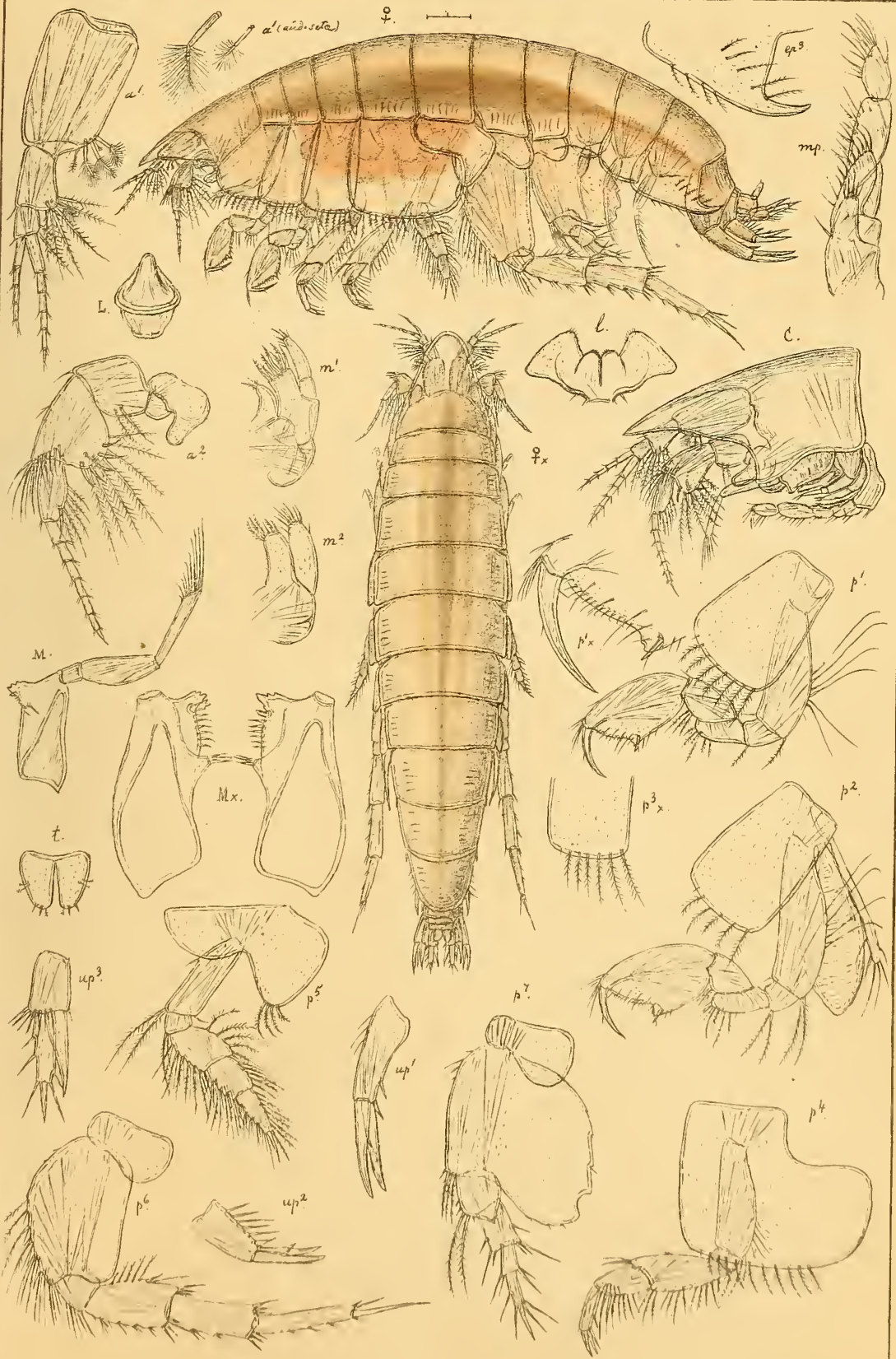
G.O.Sars autoogr.

Leptophoxus falcatus, G.O.Sars.



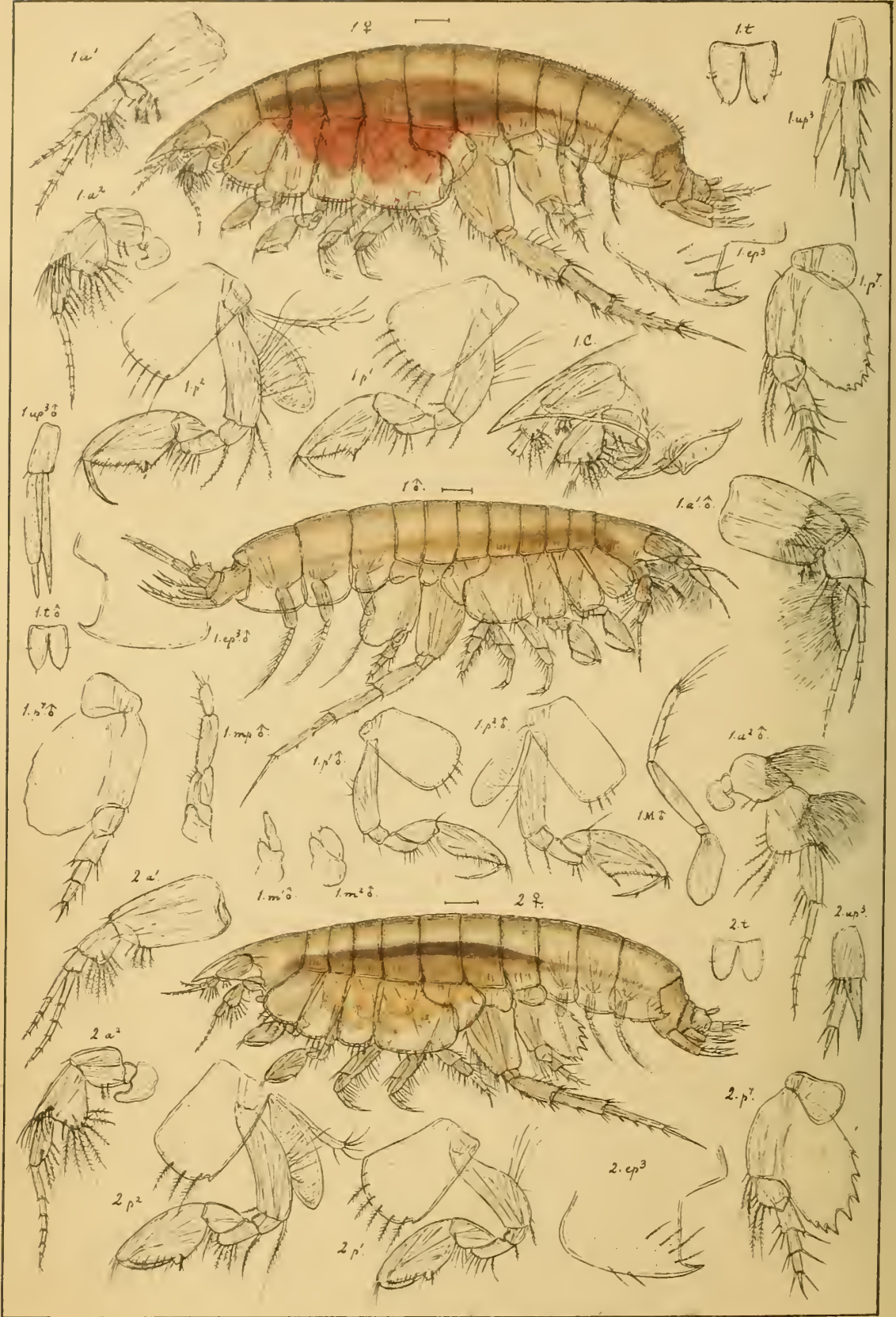
G.O.Sars autogr.

Paraphoxus oculatus, G.O.Sars.



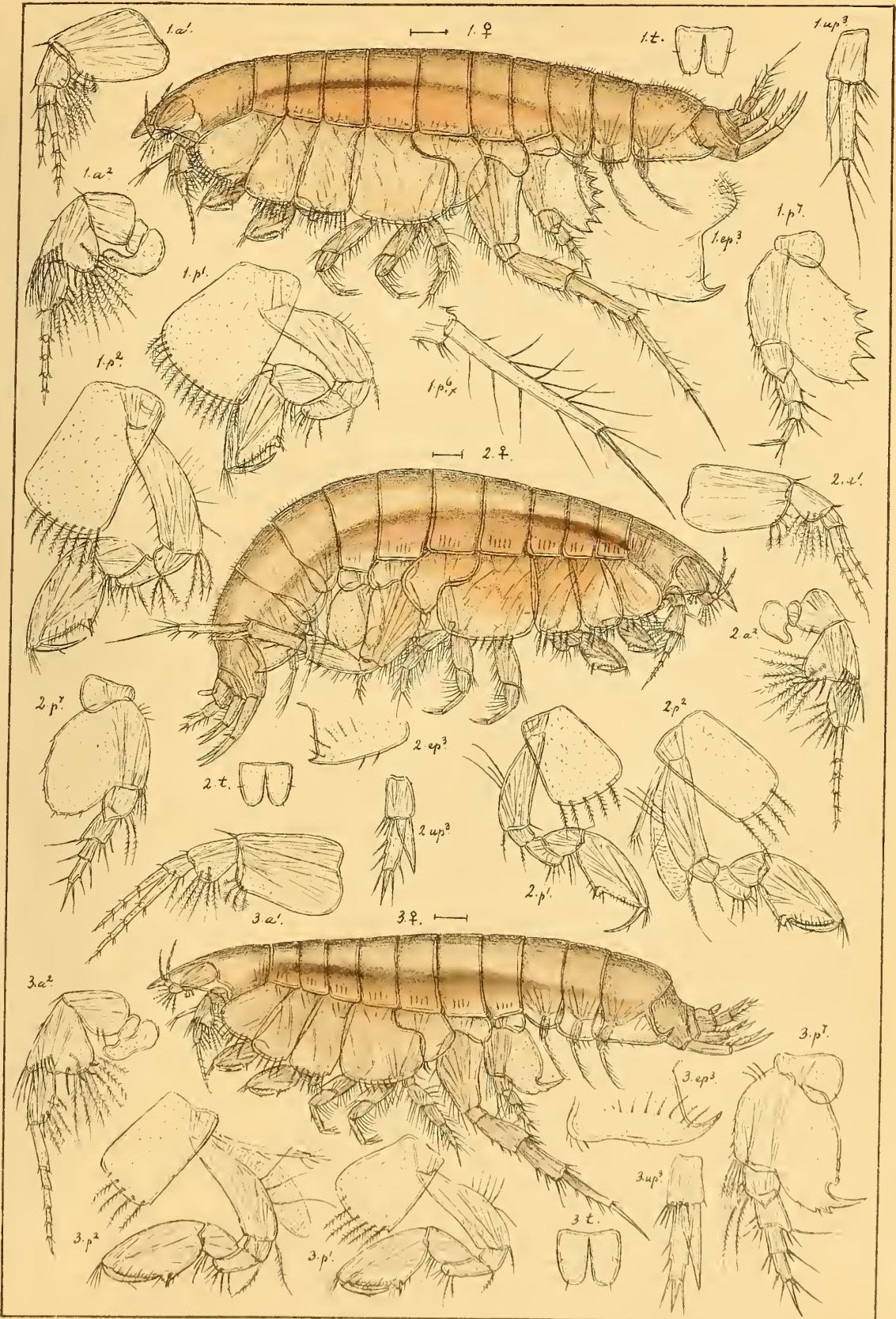
G.O. Sars autogr.

Harpinia plumosa (Kröyer).



G.O.Sars autogr.

- 1. *Harpinia neglecta*, G.O.Sars.
- 2. *Harpinia pectinata*, n. sp.

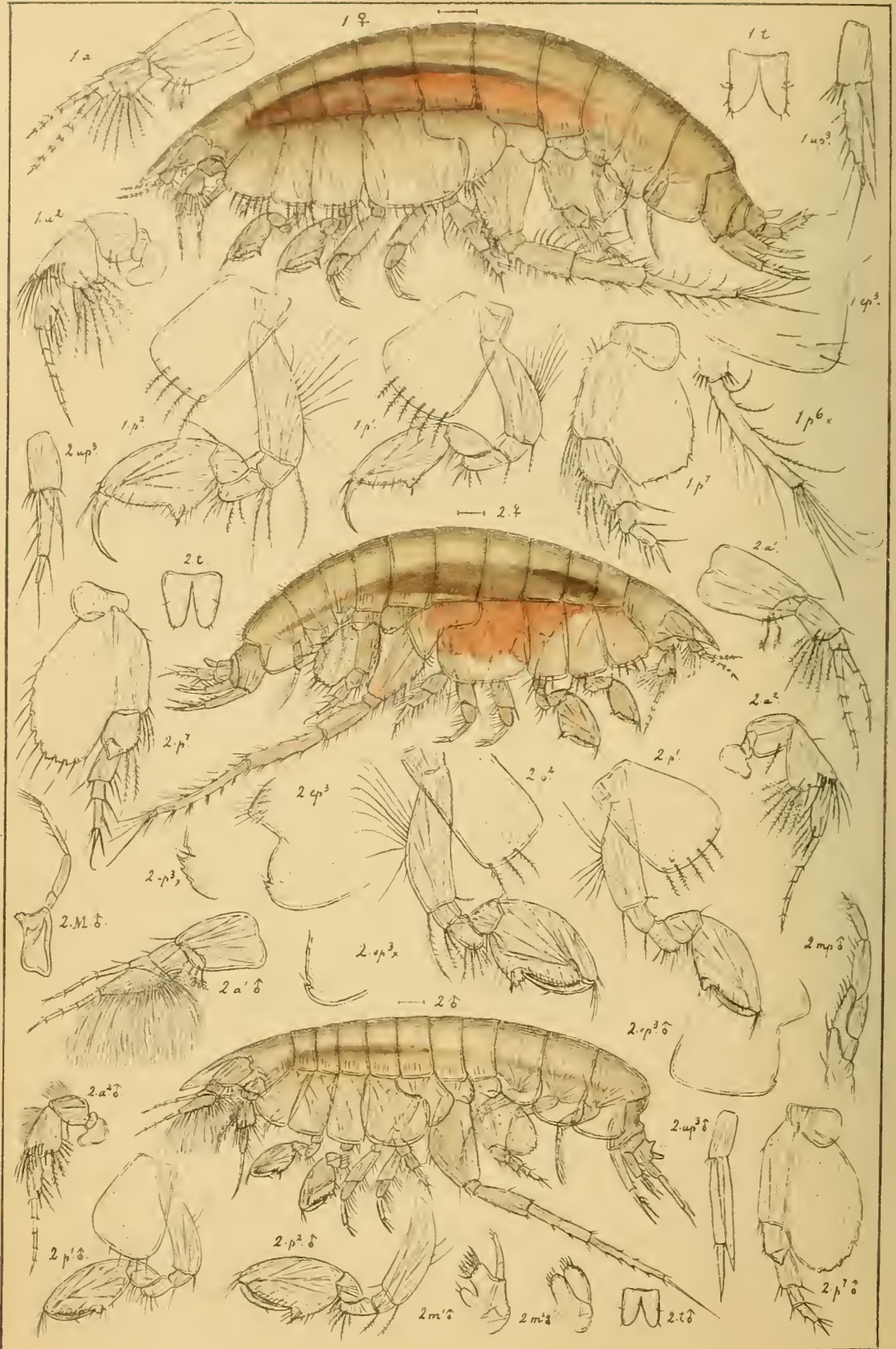


G.O.Sars autogr.

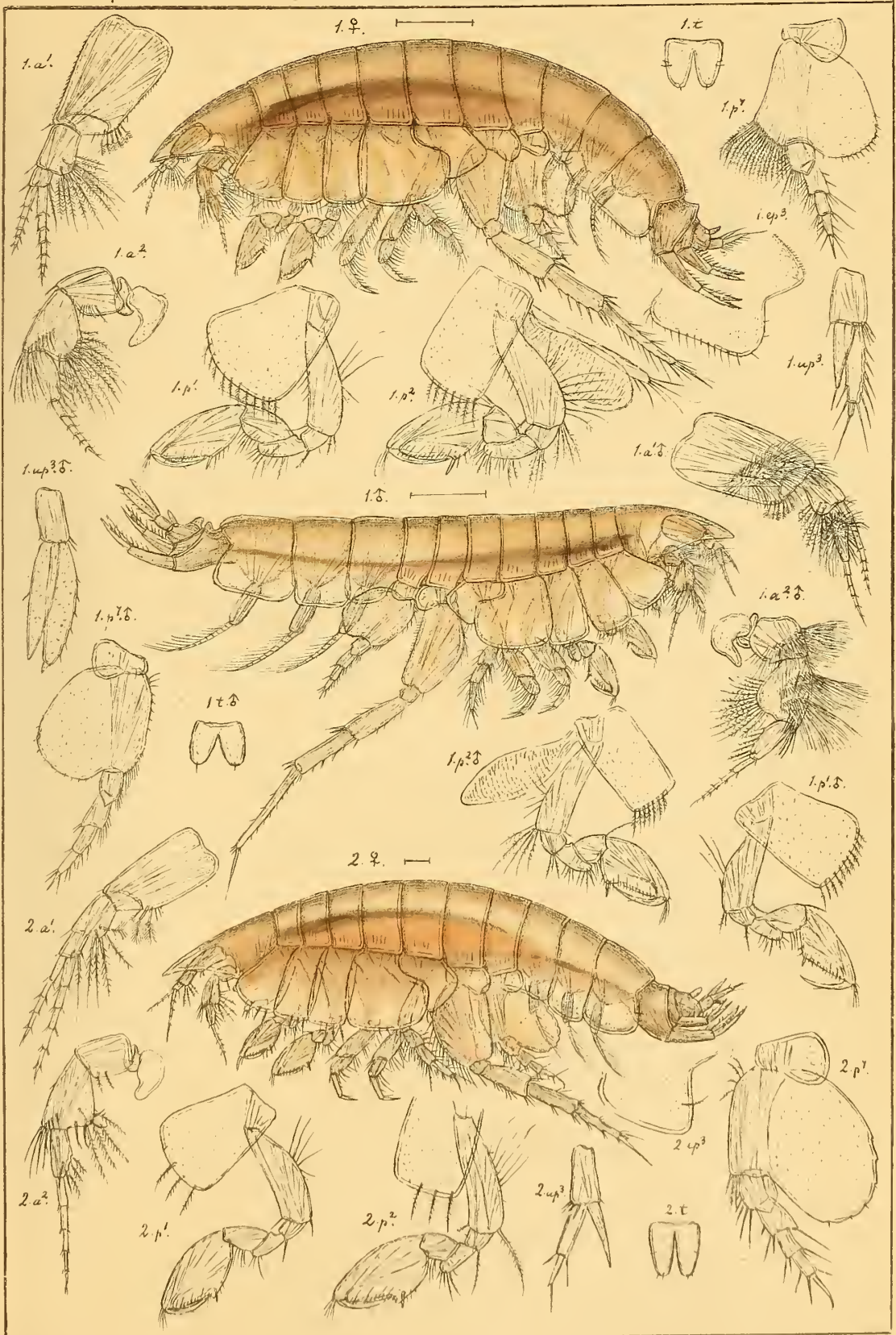
1. Harpinia serrata, G.O.Sars.

2. Harpinia propinqua, n. sp.

3. Harpinia mucronata, G.O.Sars.



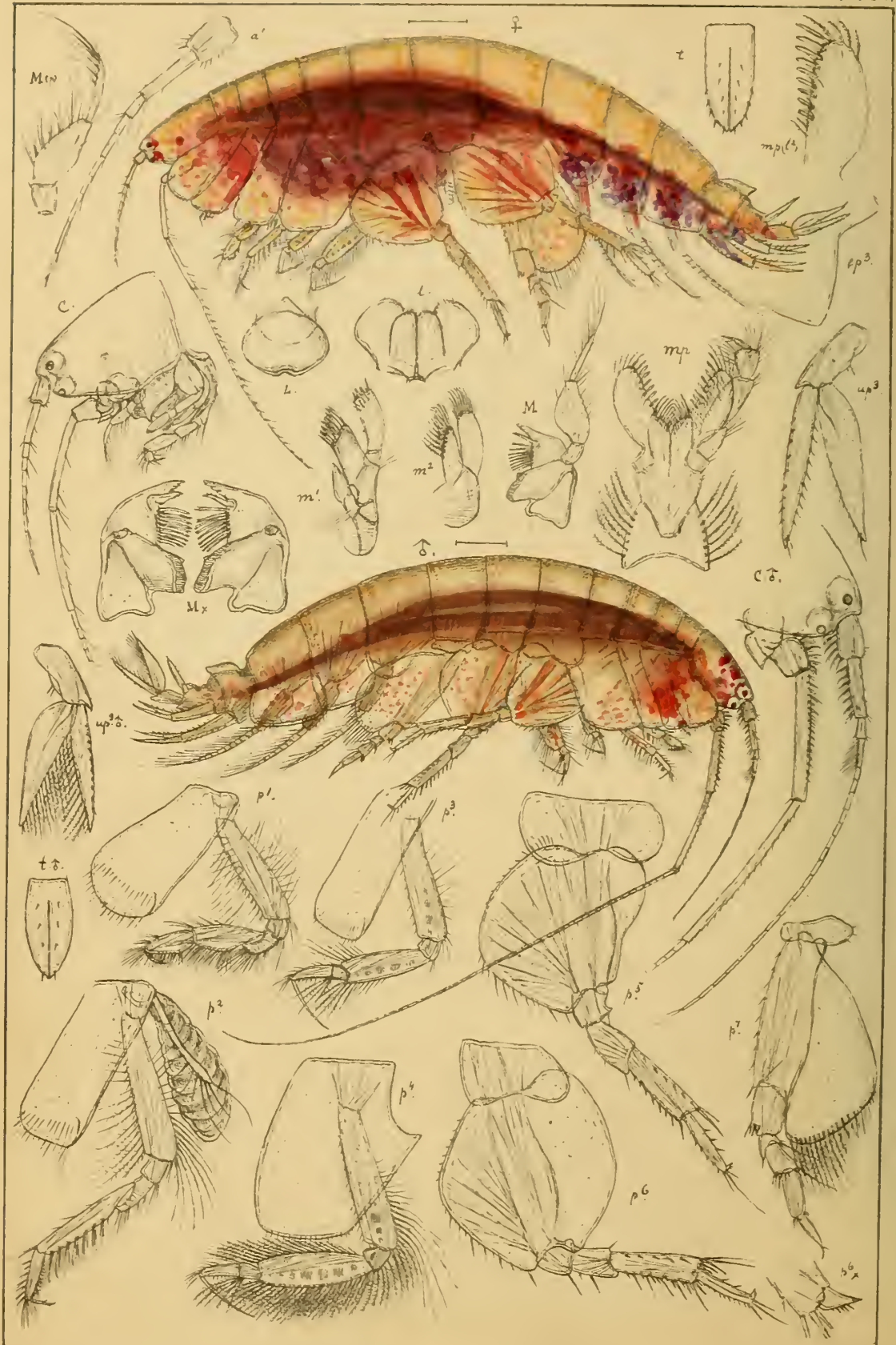
G.O. Sars autogr. 1. *Harpinia truncata*, n.sp.
 2. *Harpinia crenulata*, Boeck.



G.O.Sars autogr.

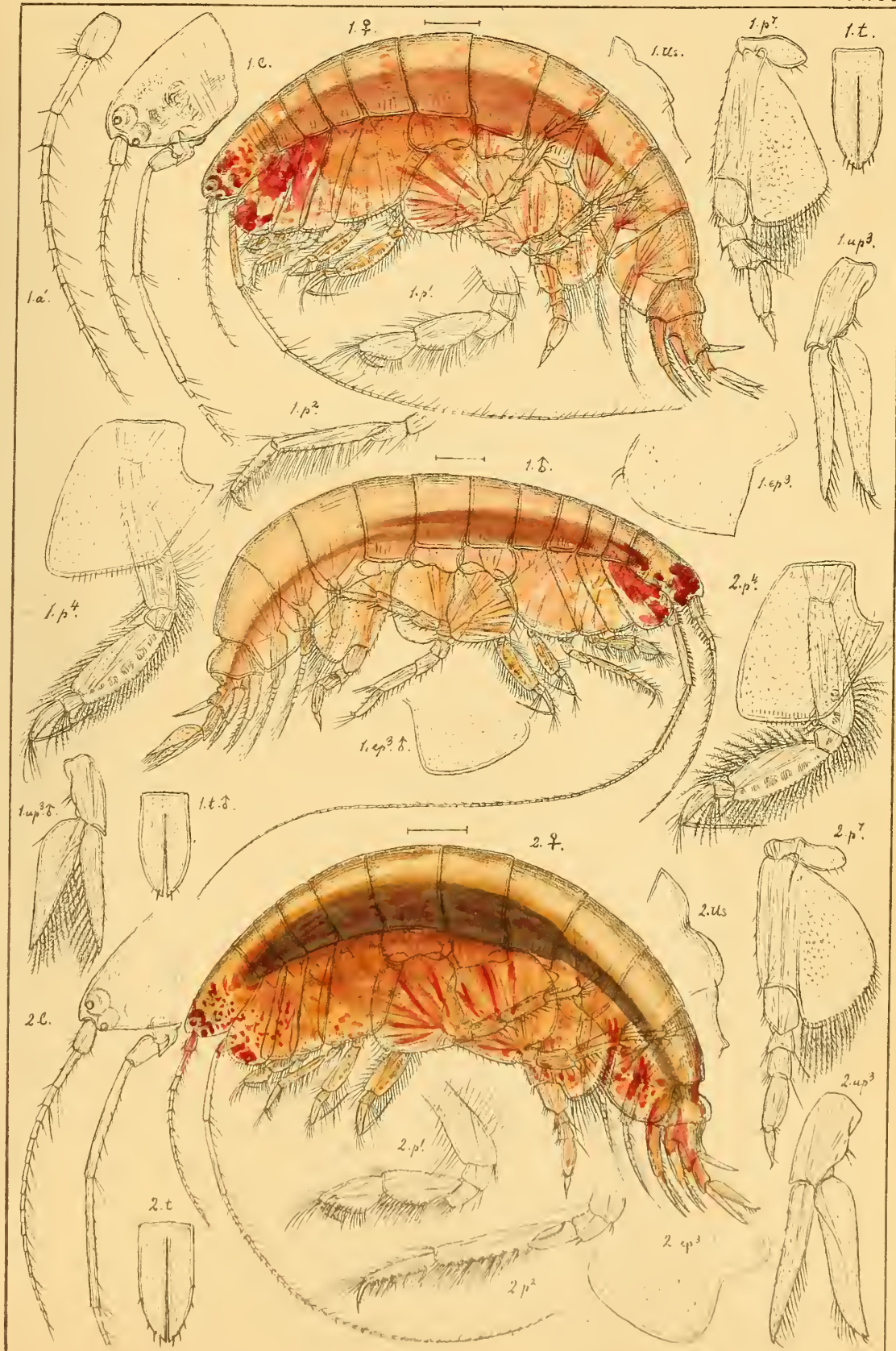
1. *Harpinia abyss*, G.O.Sars.

2. *Harpinia lævis* n. sp.



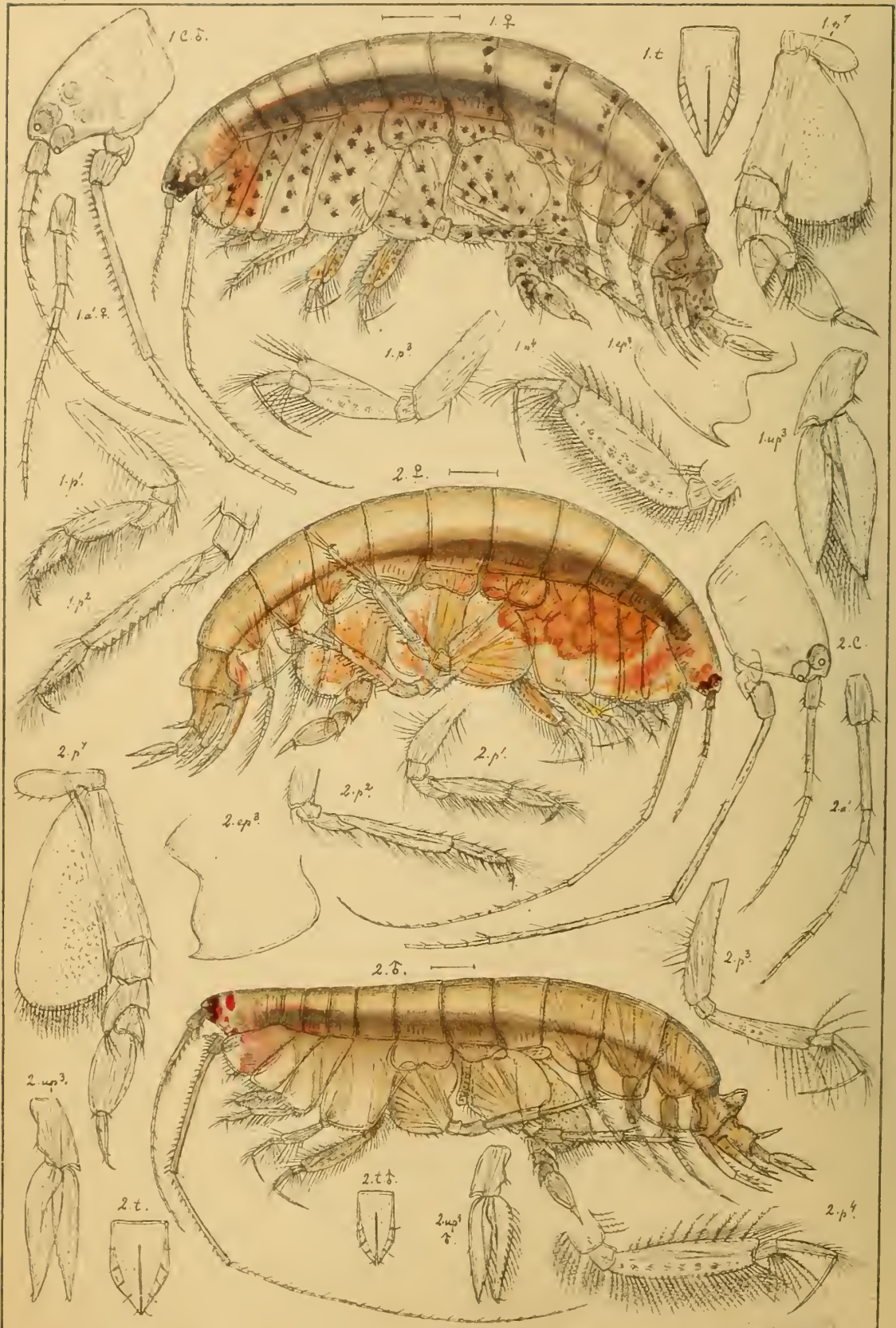
G.O Sars autogr.

Ampelisca typica, Sp. Bate.



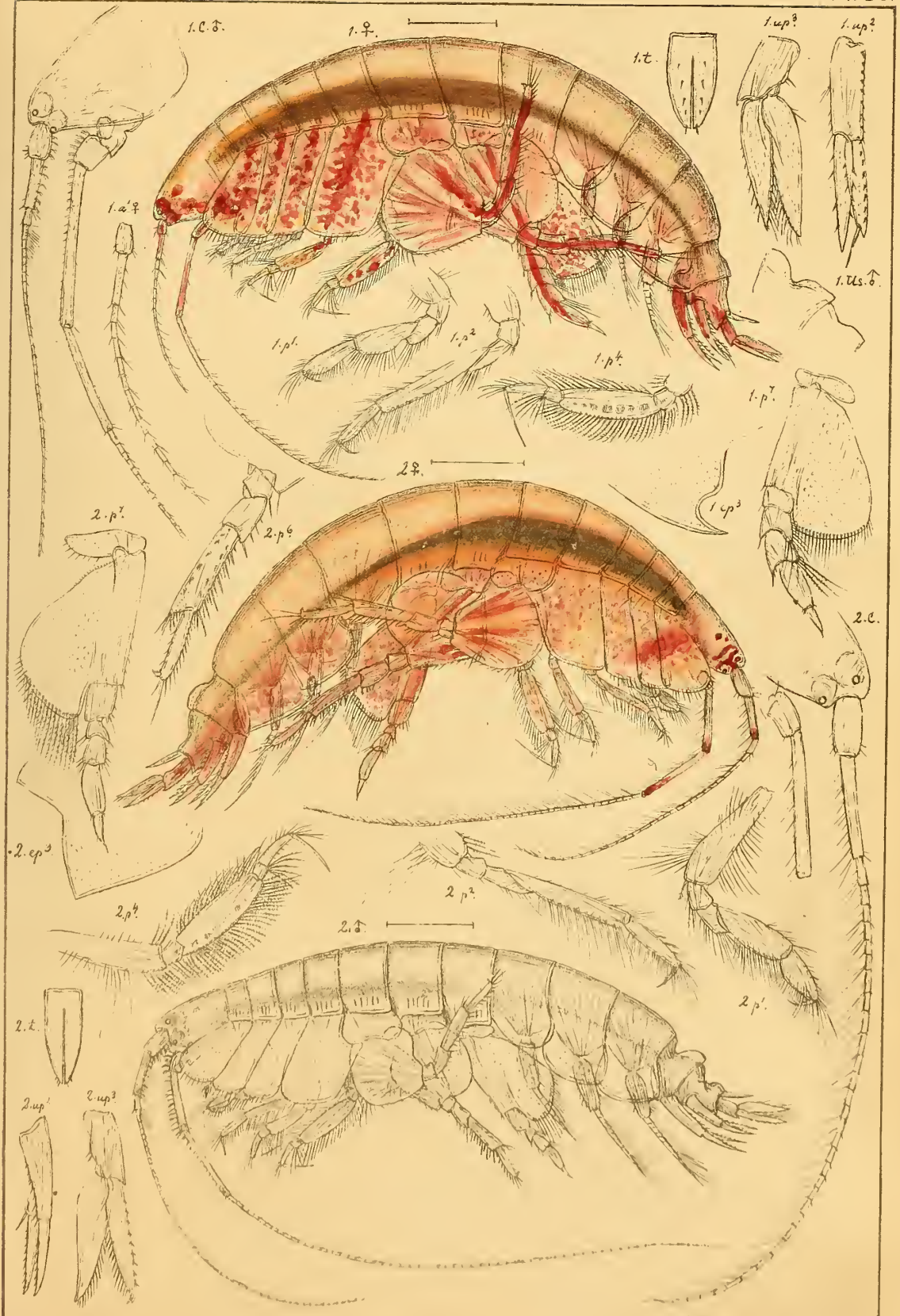
G.O.Sars autogr

1. *Ampelisca tenuicornis*, Lilljeborg.
2. *Ampelisca assimilis*, Boeck.



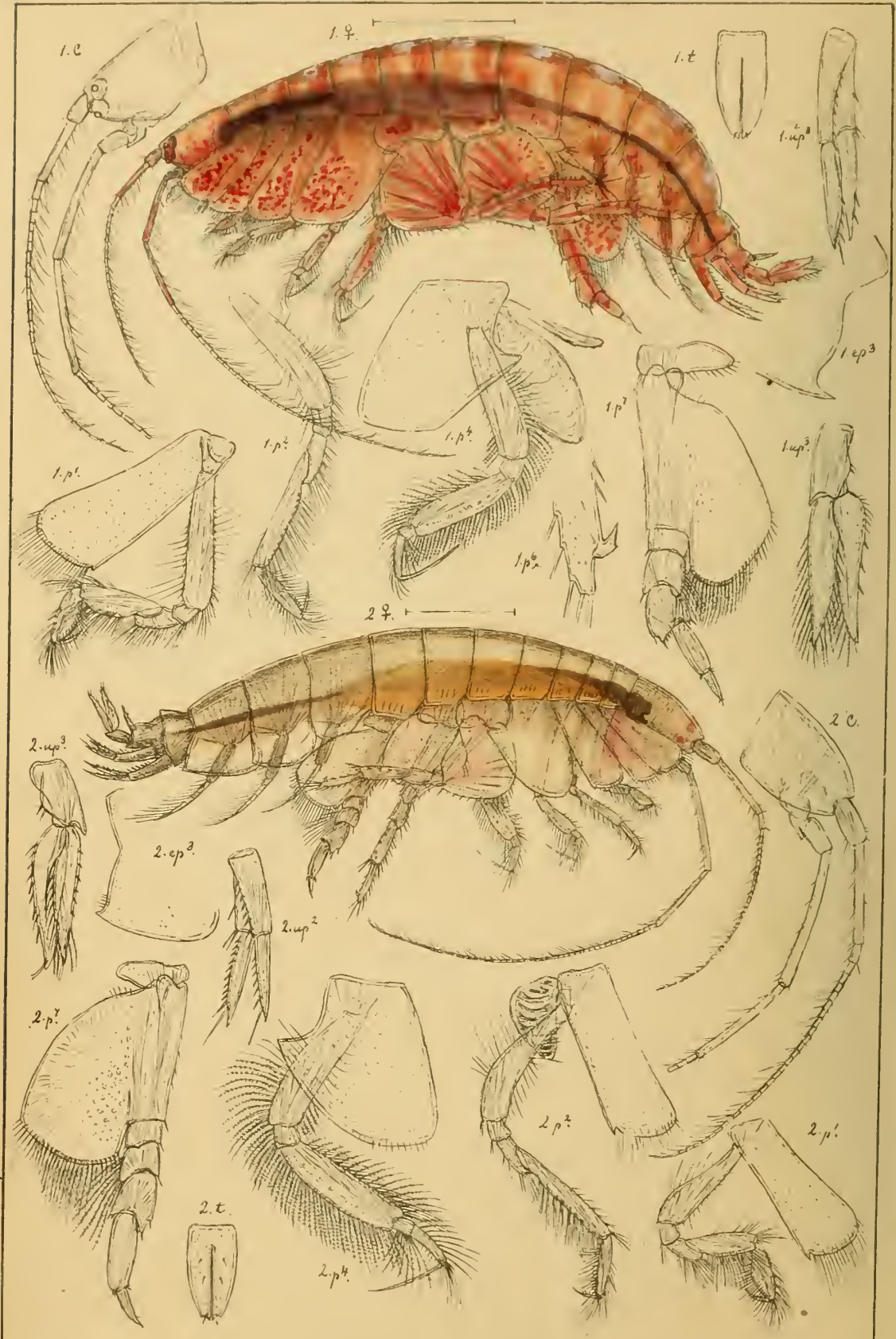
G.O.Sars autogr.

1. *Ampelisca tævigata*, Lilljeborg. *unicornis* Costo
2. *Ampelisca gibba*, G.O.Sars.



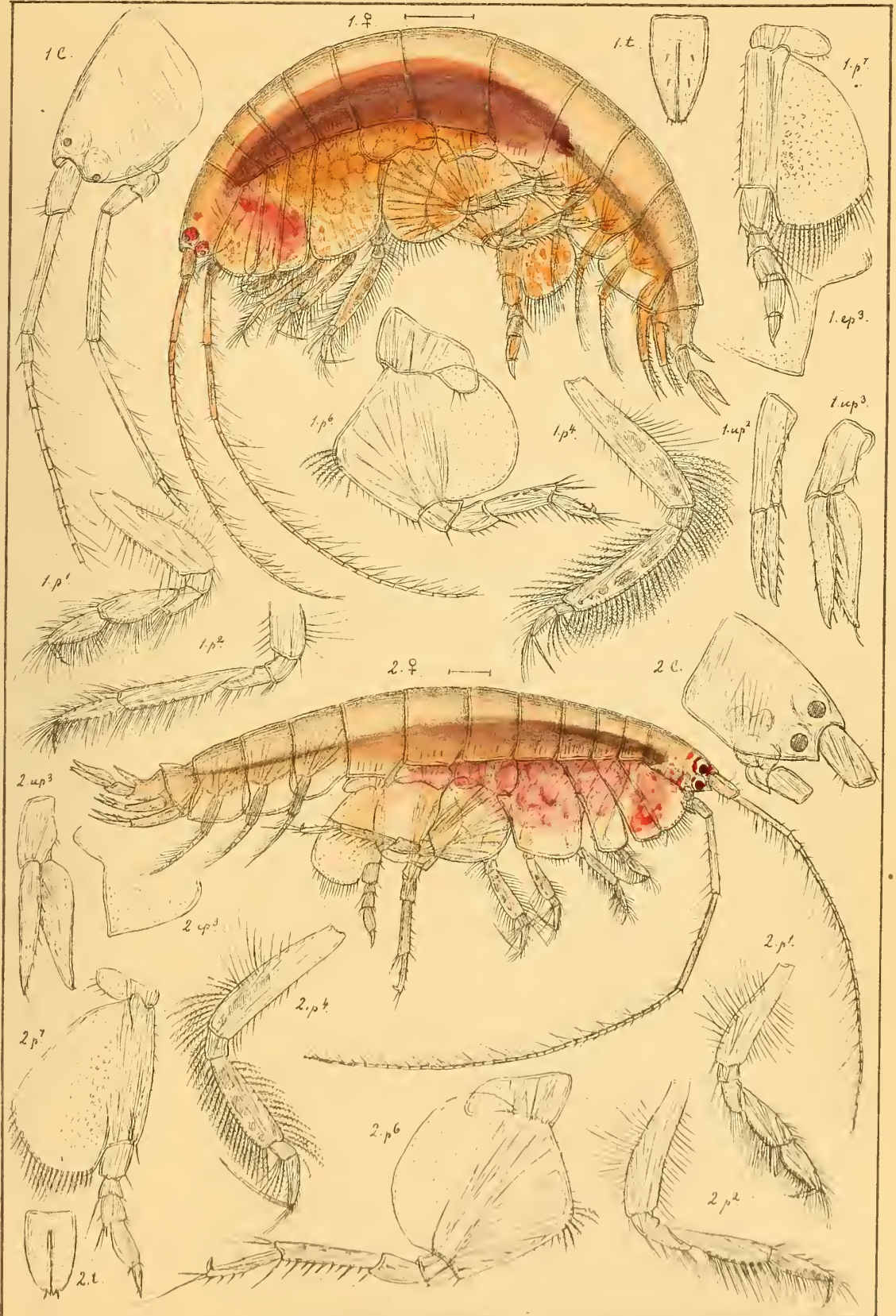
G.O.Sars autogr.

1. *Ampelisca macrocephala*, Lilljeborg.
2. *Ampelisca spinipes*, Boeck.



G.O.Sars autogr.

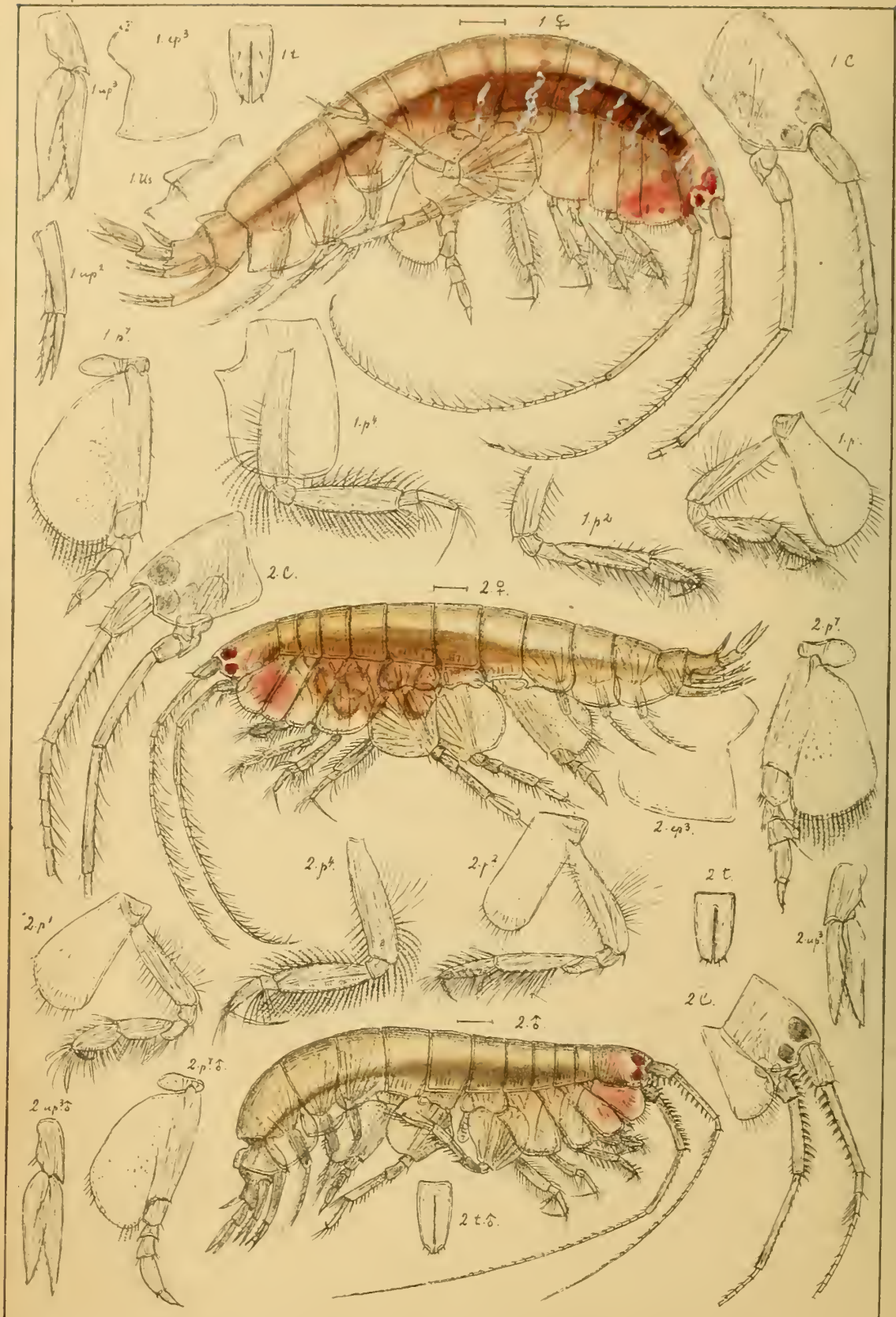
1. *Ampelisca Eschrichtij*, Kröyer.
2. *Ampelisca odontoplax*, G.O.Sars.



G.O.Sars autogr.

1. *Ampelisca ævicornis*, Bruzelius.

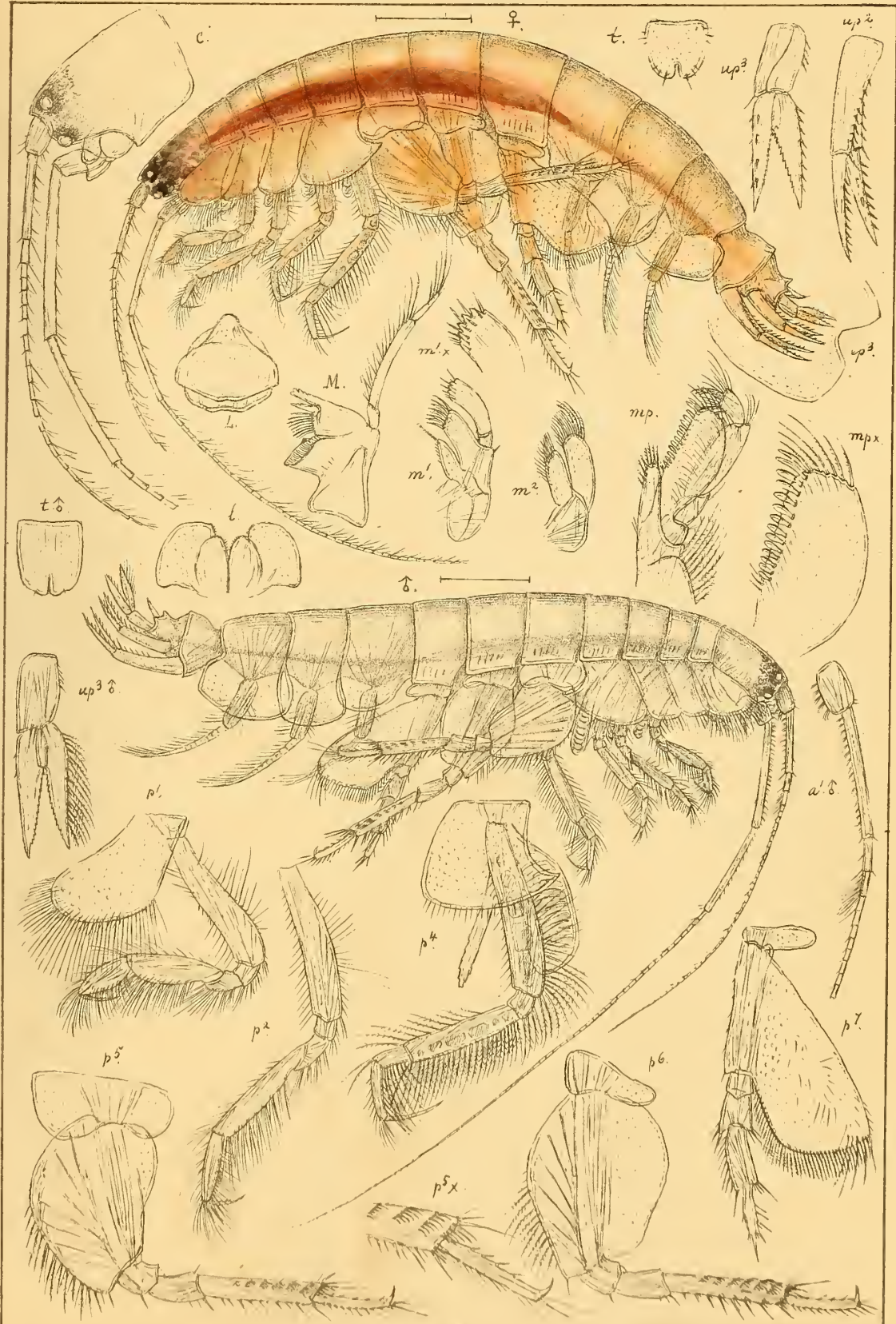
2. *Ampelisca anomala*, G.O.Sars.



G.O Sars autogr.

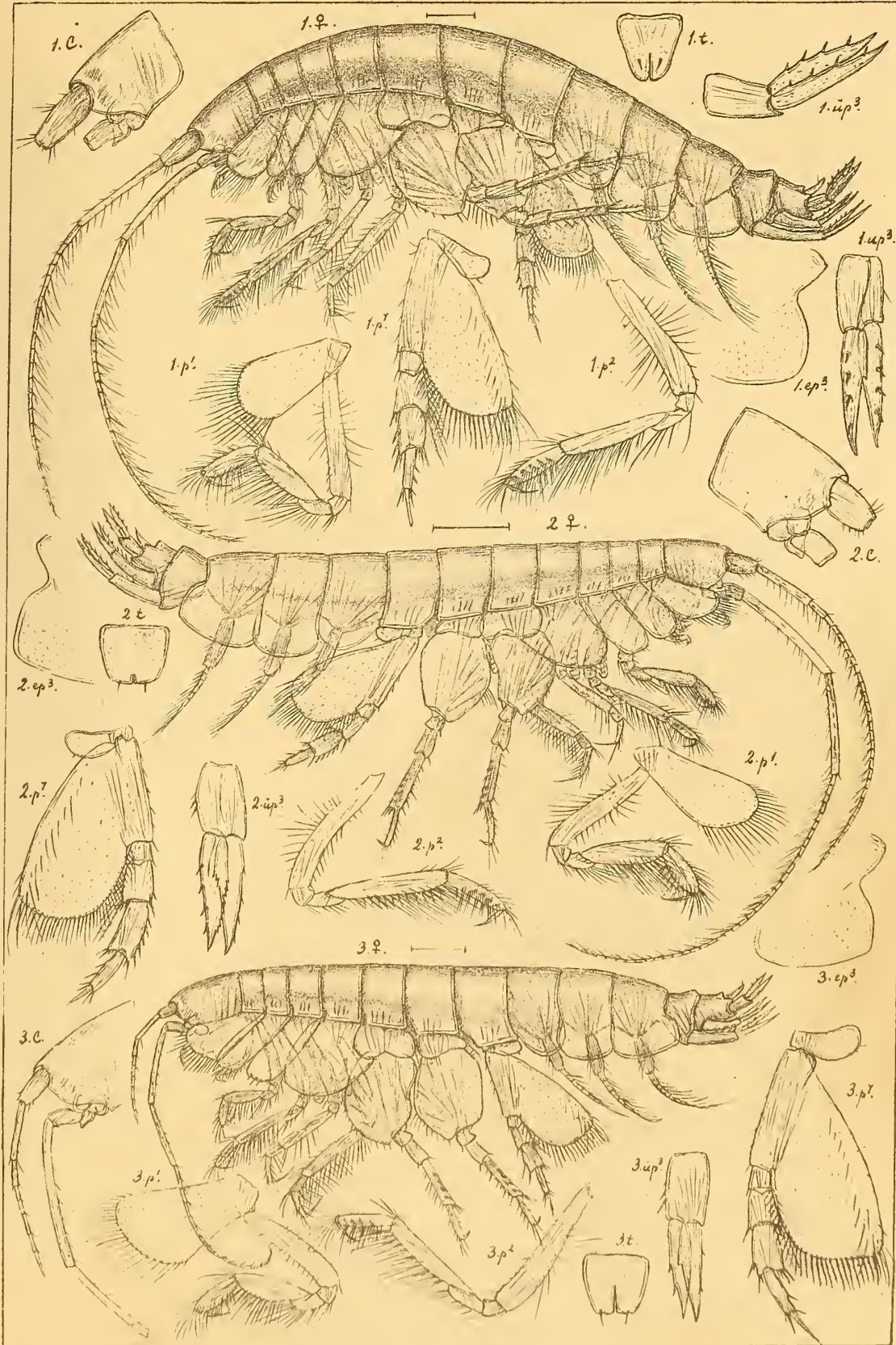
1. *Ampelisca amblyops*, n. sp.

2. *Ampelisca pusilla*, n. sp.



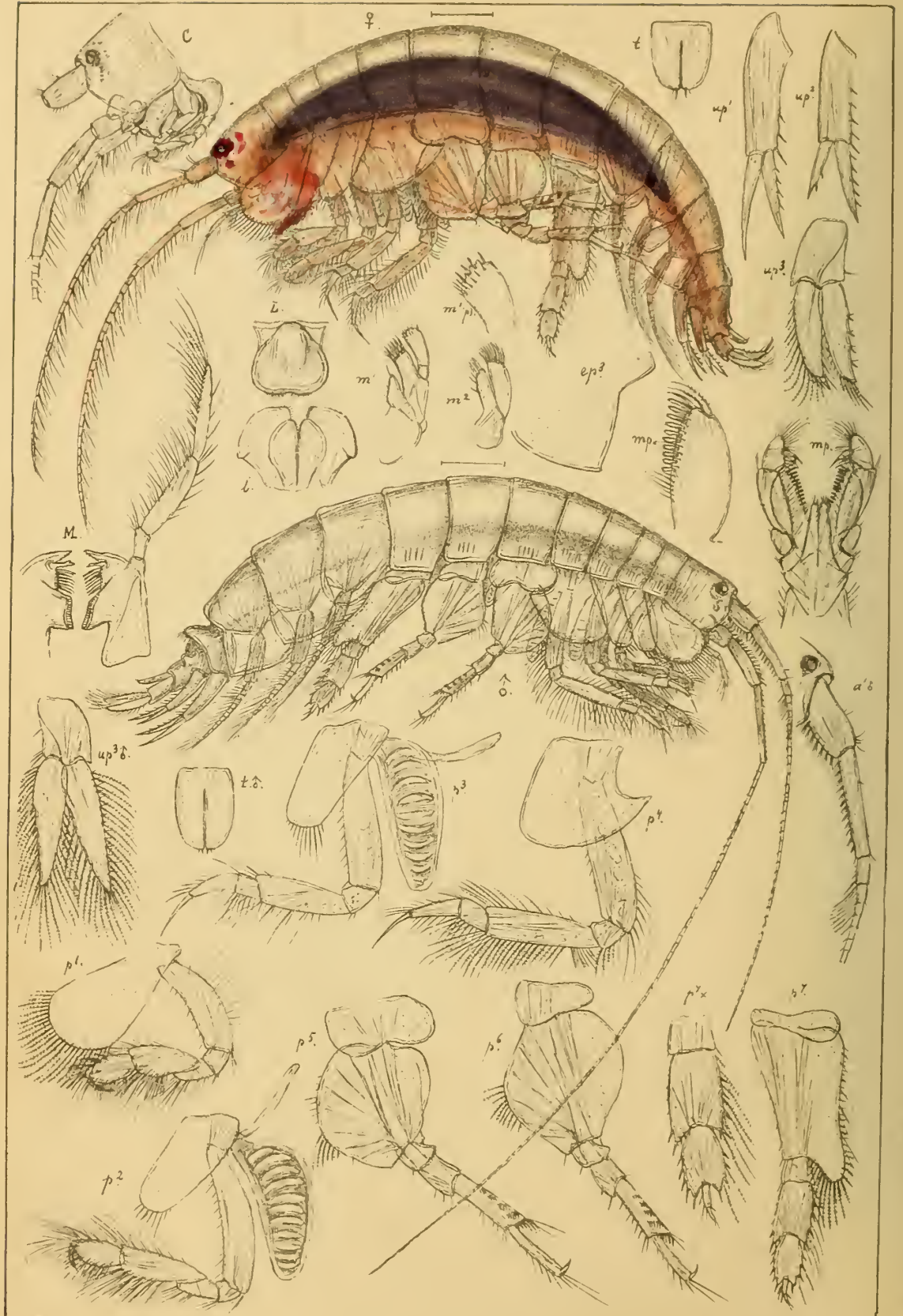
G.O Sars autogr.

Byblis Gaimardi, Kröyer.



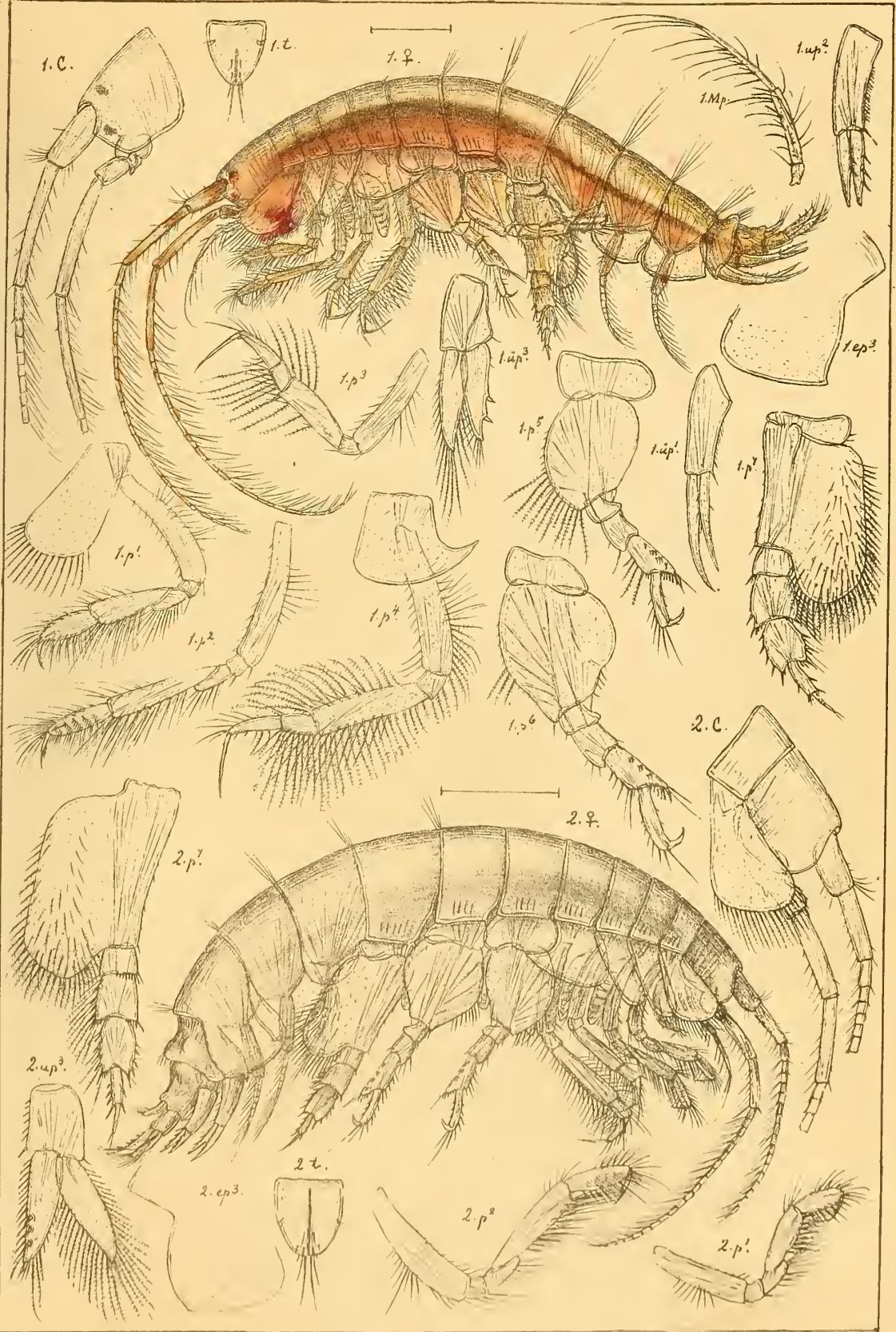
G.O.Sars autogr.

- 1. *Byblis crassicornis*, Metzger
- 2. *Byblis abyssi*, G.O.Sars.
- 3. *Byblis minuticornis*, G.O.Sars.



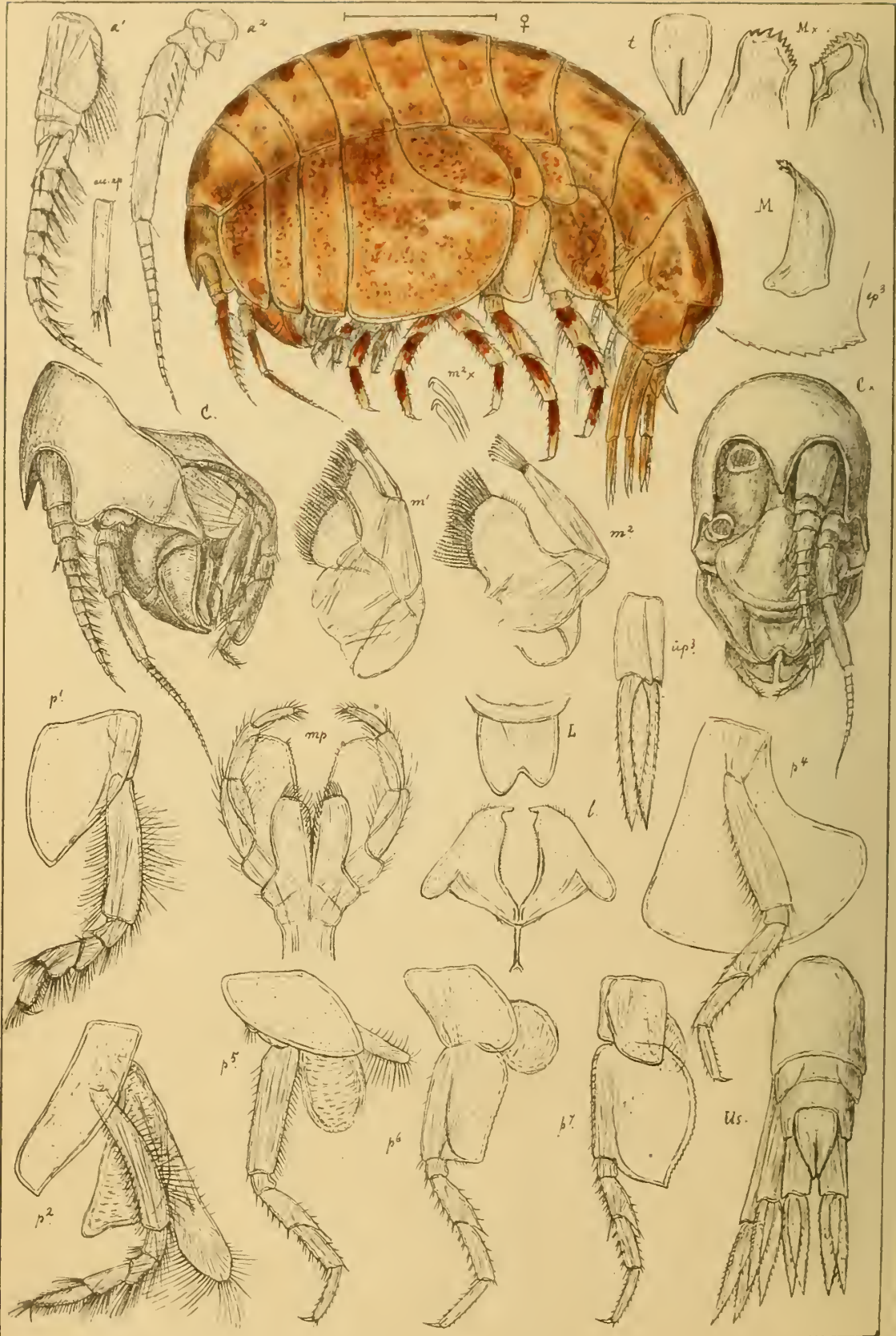
G.O Sars autogr.

Haploops tubicola, Lilljeborg.



G O Sars autogr.

1. *Haploops setosa*, Boeck
2. *Haploops robusta*, n. sp.



G.O. Sars autogr.

Stegocephalus inflatus, Kröyer.



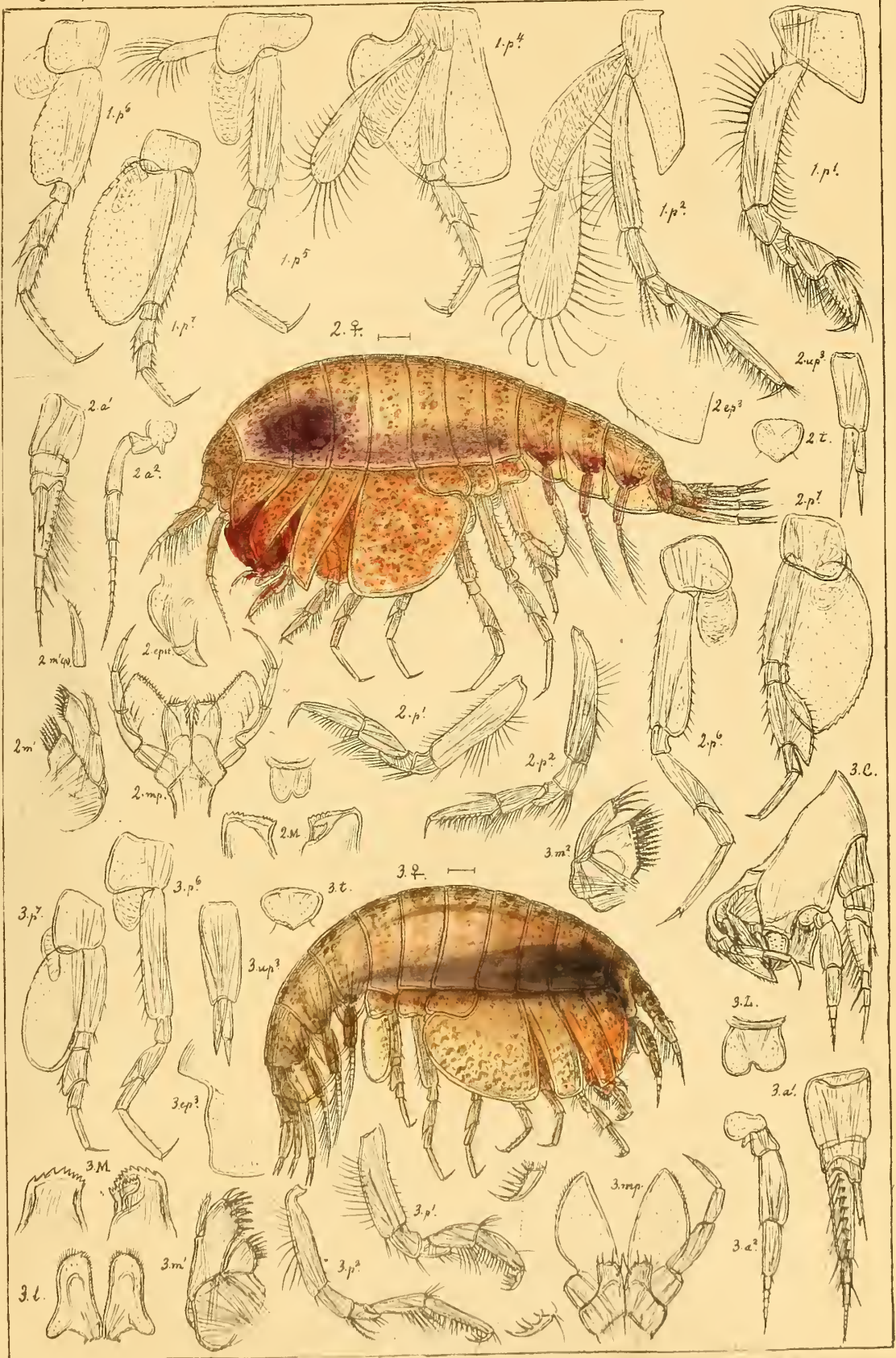
G.O Sars autogr.

- 1. *Stegocephalus similis*, n. sp.
- 2. *Stegocephaloides christianiensis*, Boeck.
- 3. *Stegocephaloides auratus*, G.O. Sars.



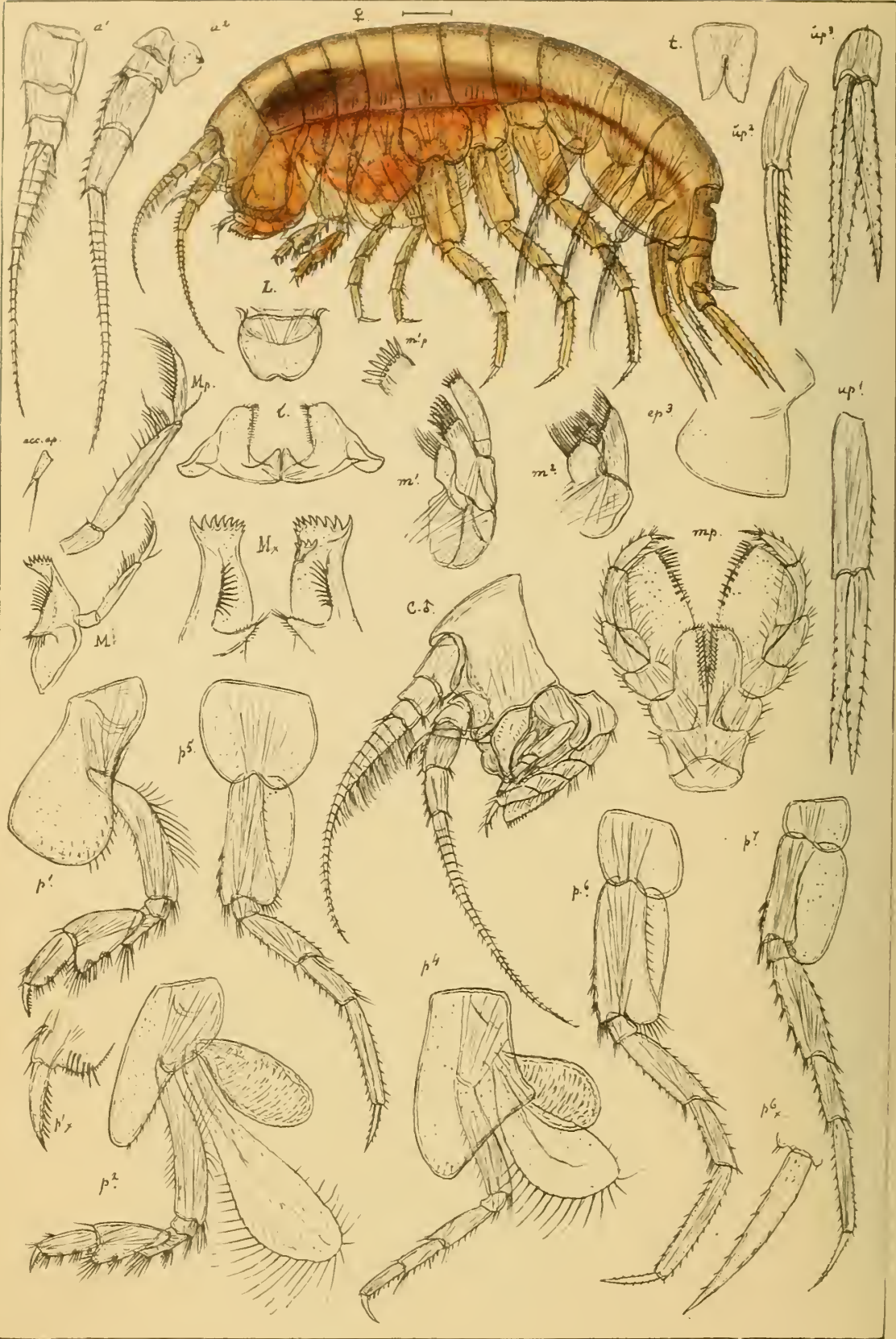
G.O.Sars autogr.

1. *Aspidopleurus gibbosus*, G.O.Sars.
2. *Andania abyssi*, Boeck.



G.O.Sars autogr.

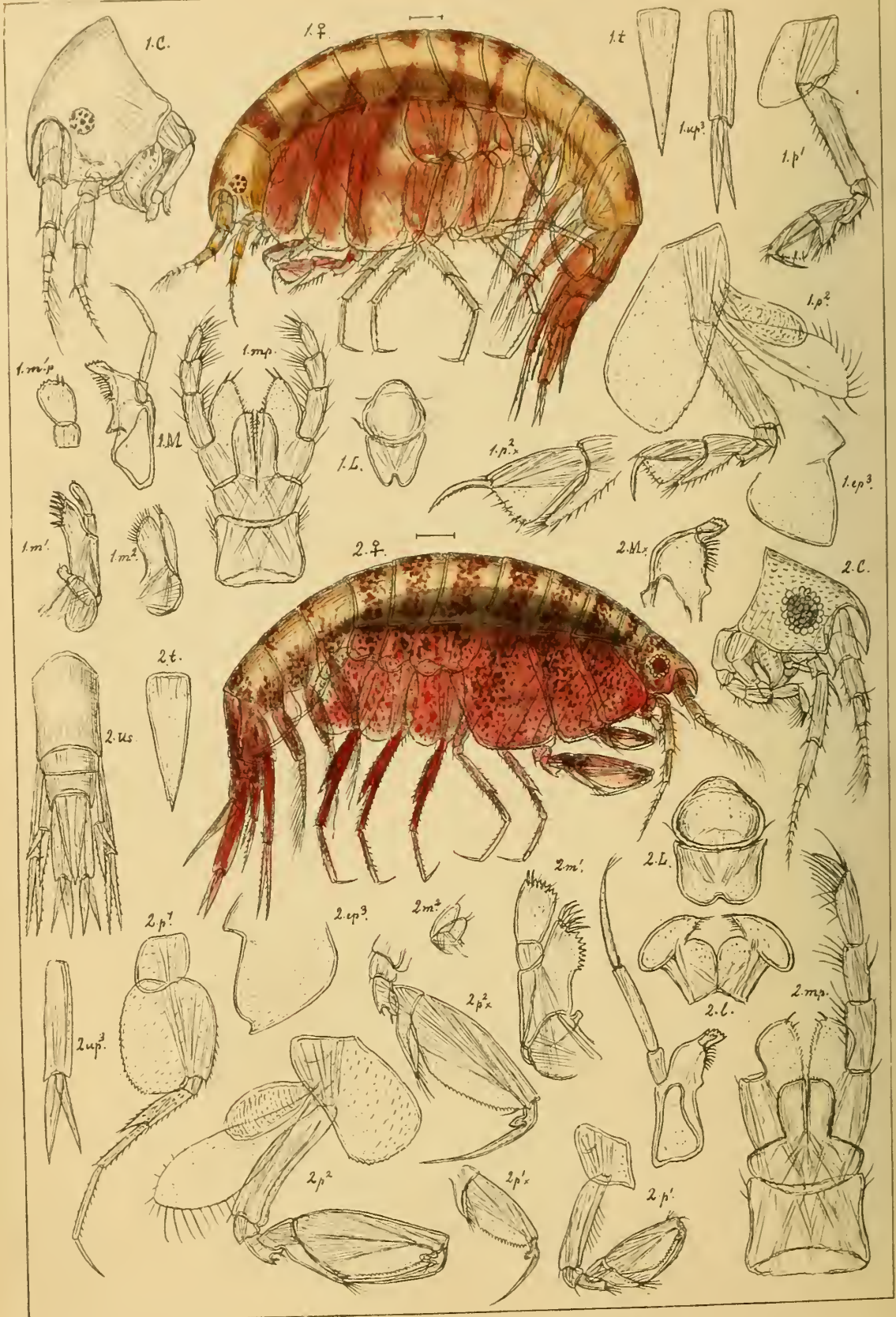
- 1. *Andania abyssi*, Boeck.
- 2. *Andaniopsis nordlandica*, (Boeck)
- 3. *Andaniella pectinata*, G.O.Sars.



G.O.Sars autogr.

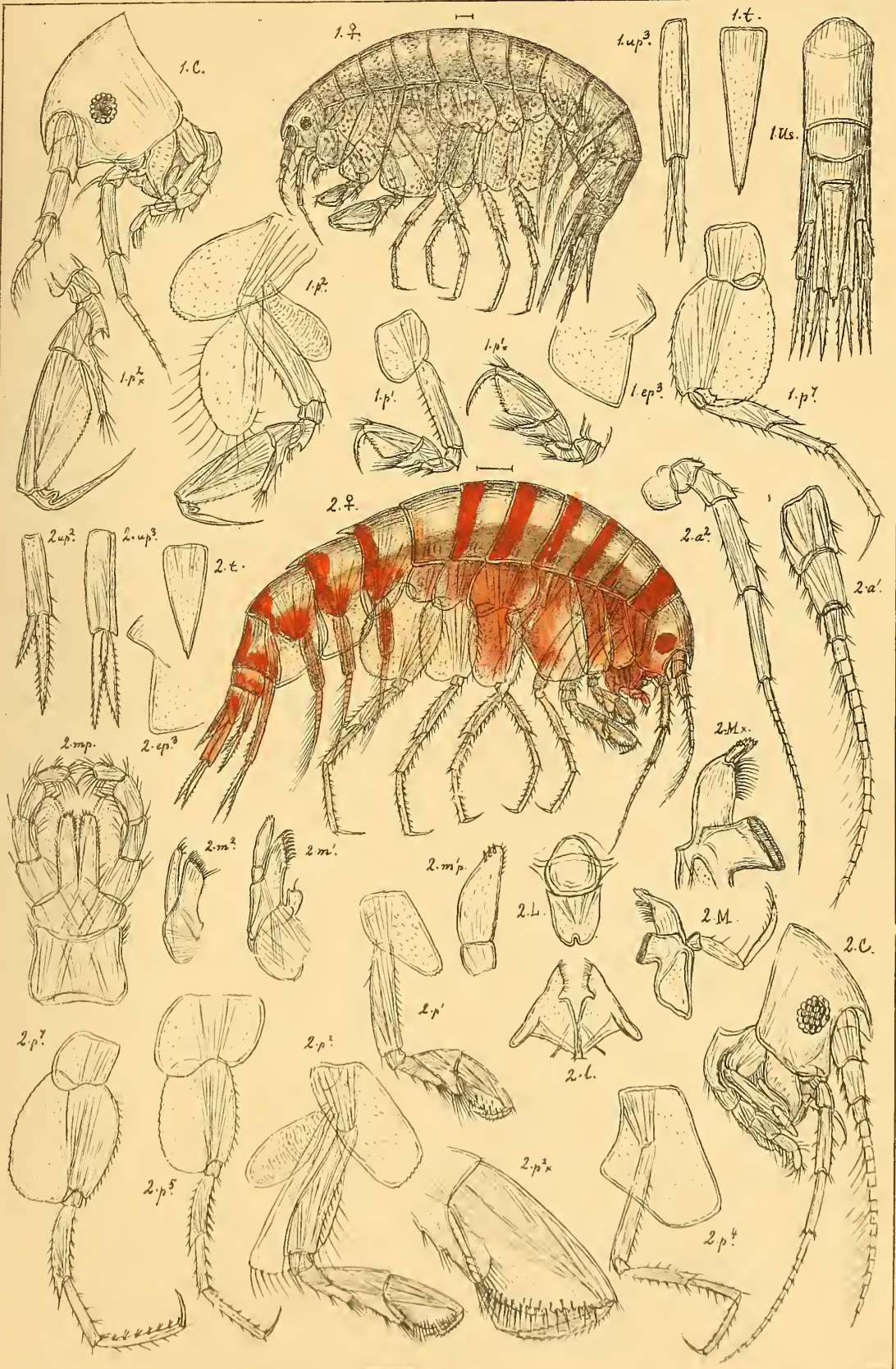
Astyra abyssi, Boeck.

Astyra



G.O.Sars autogr.

- 1. *Amphilochus tenuimanus*, Boeck.
- 2. *Amphilochoides edontonyx* (Boeck) - *creaticus* n. sp.



G.O.Sars autogr.

1. *Amphilochoides pusillus*, n. sp.

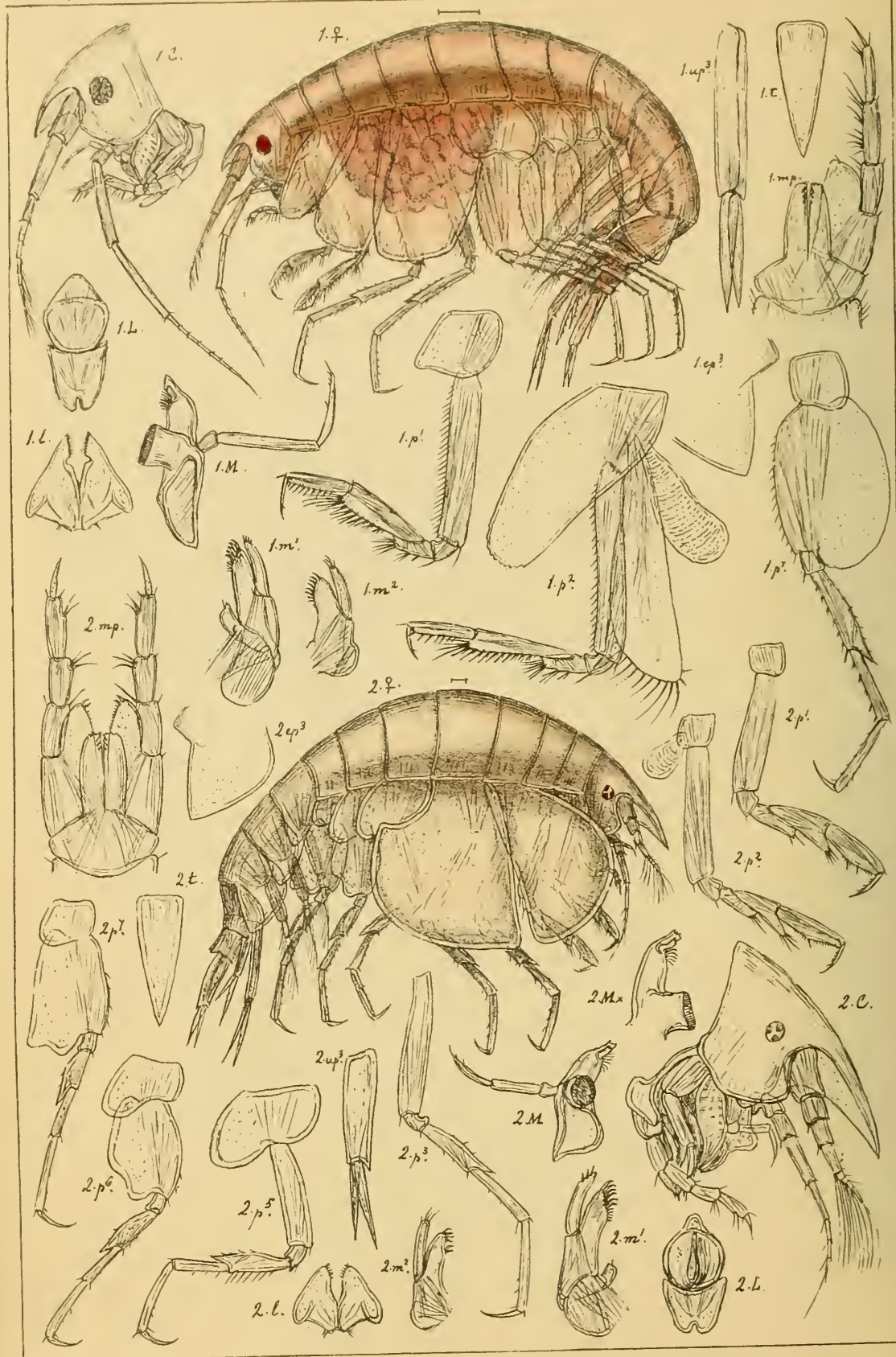
2. *Gitanopsis bispinosa*, (Boeck).



G.O Sars autogr.

1. *Gitana Sarsii*, Boeck

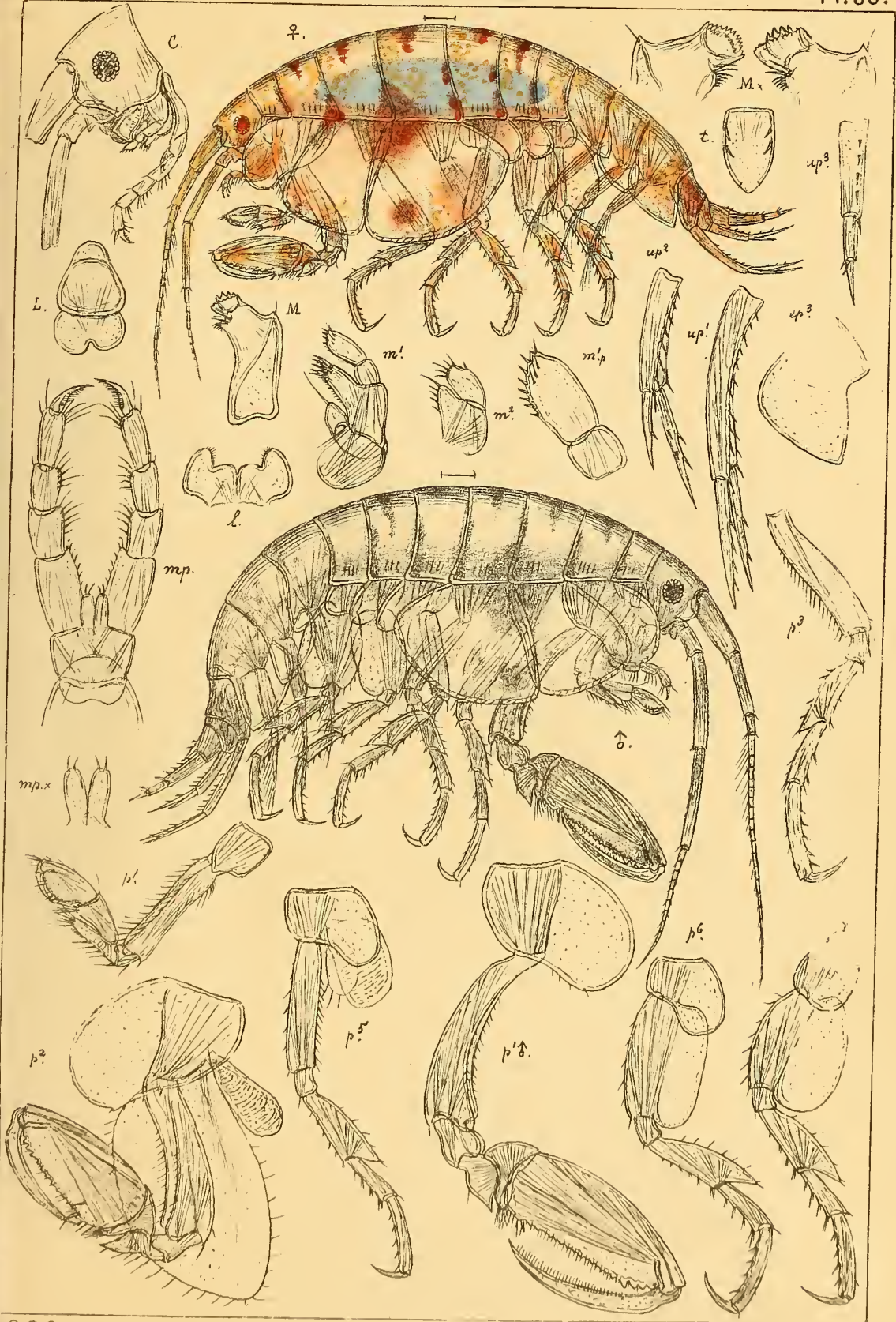
2. *Gitana abyssicola*, n.sp.



G.O. Sars autogr.

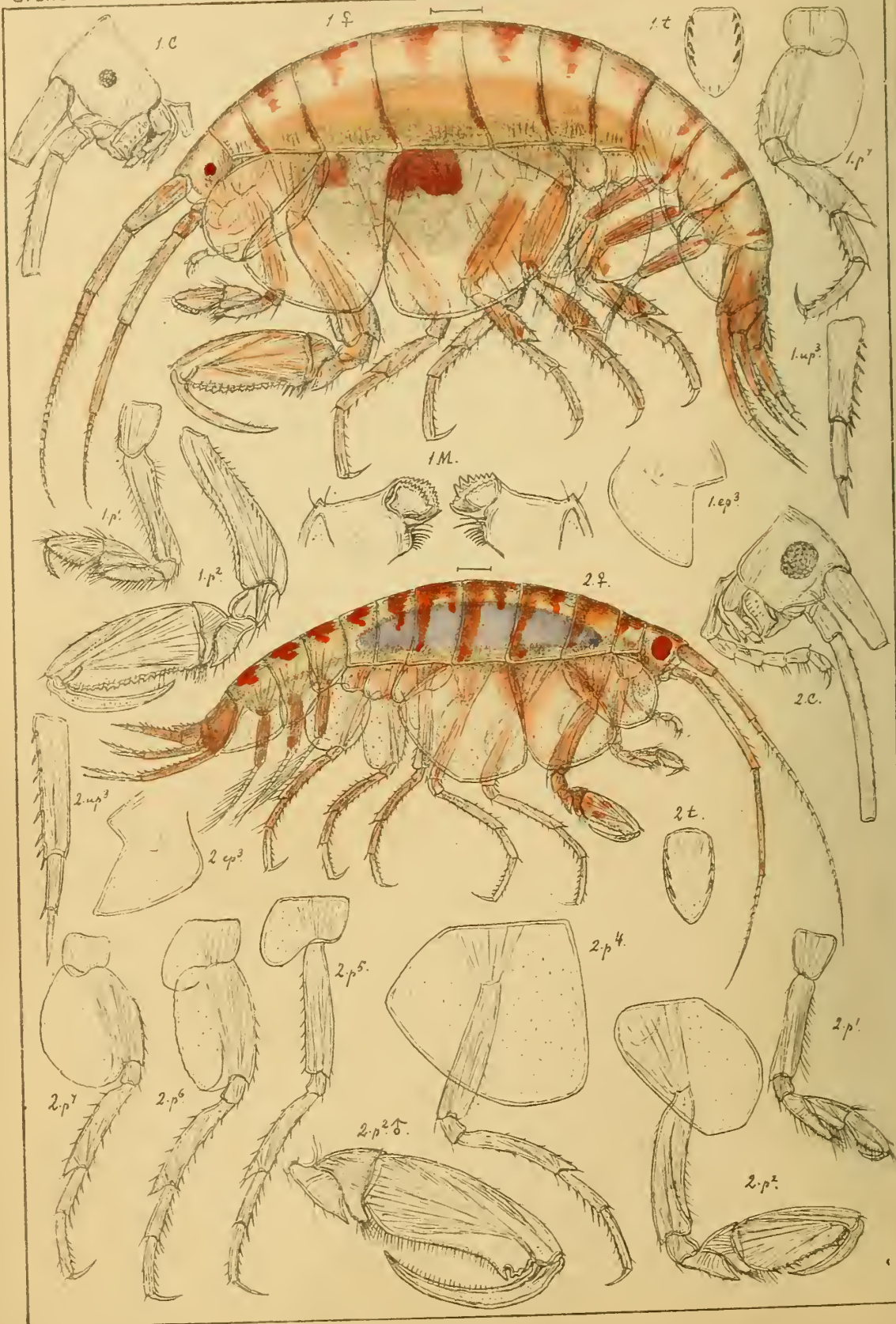
1. *Gitana rostrata*, Boeck

2. *Stegoplax longirostris*, G.O. Sars



G.O Sars autogr.

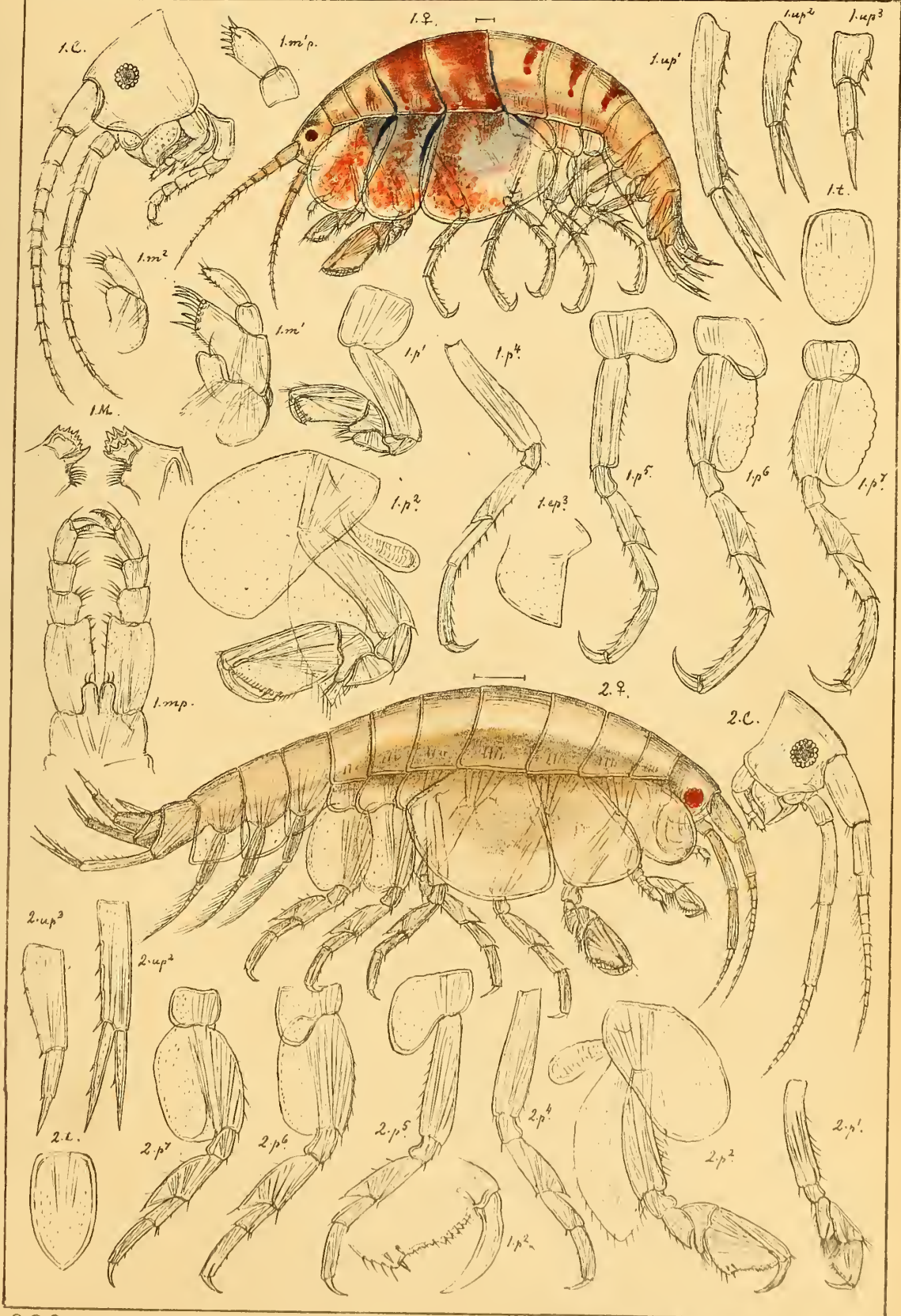
Stenothoe marina, (Sp. Bate).



G.O.Sars autogr.

1. *Stenothoe microps*, n.sp.

2. *Stenothoe fenella*, G.O. Sars.



G.O. Sars autogr.

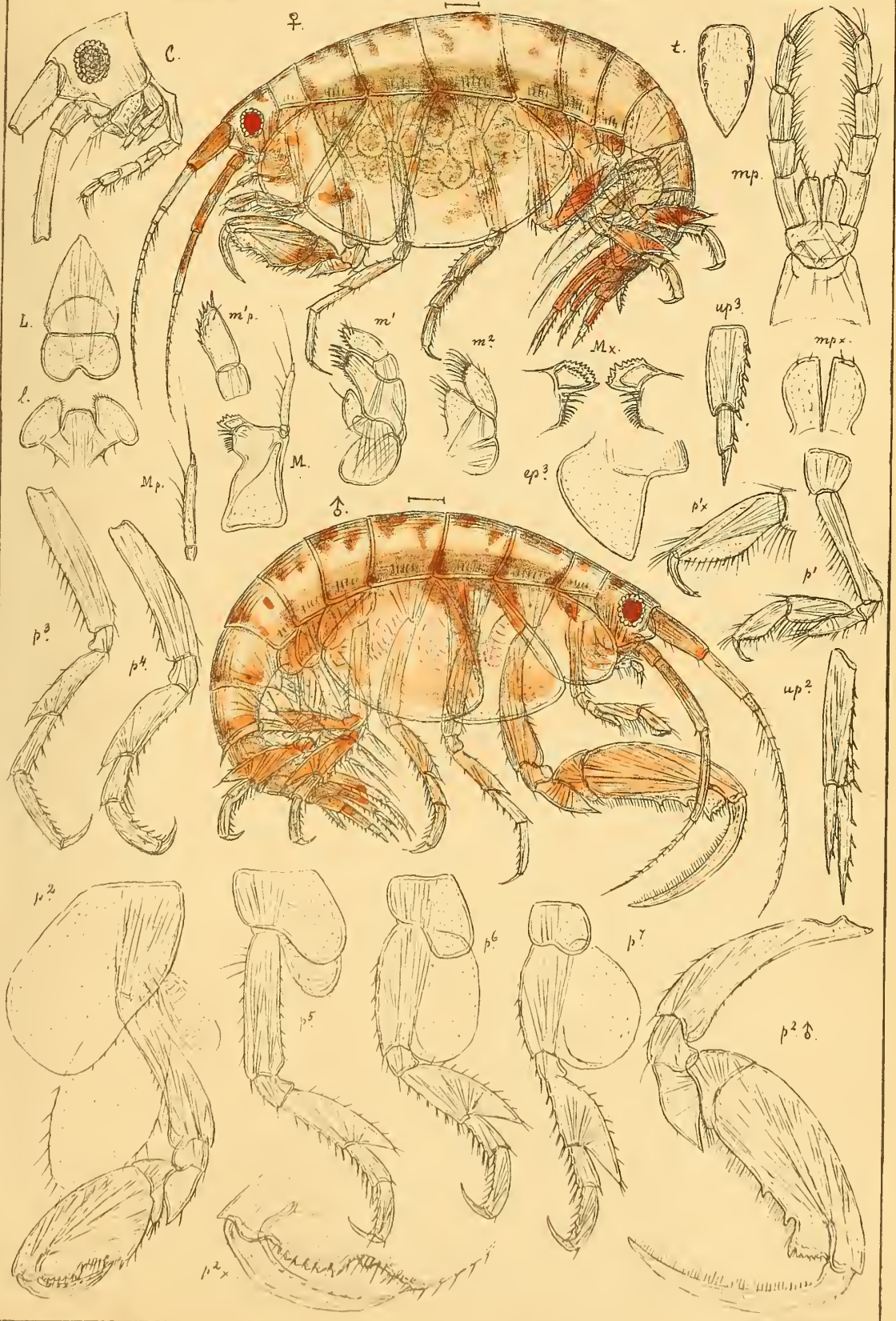
1. *Stenothoe monoculoides*, (Sp. Bate)

2. *Stenothoe brevicornis*, G.O. Sars.



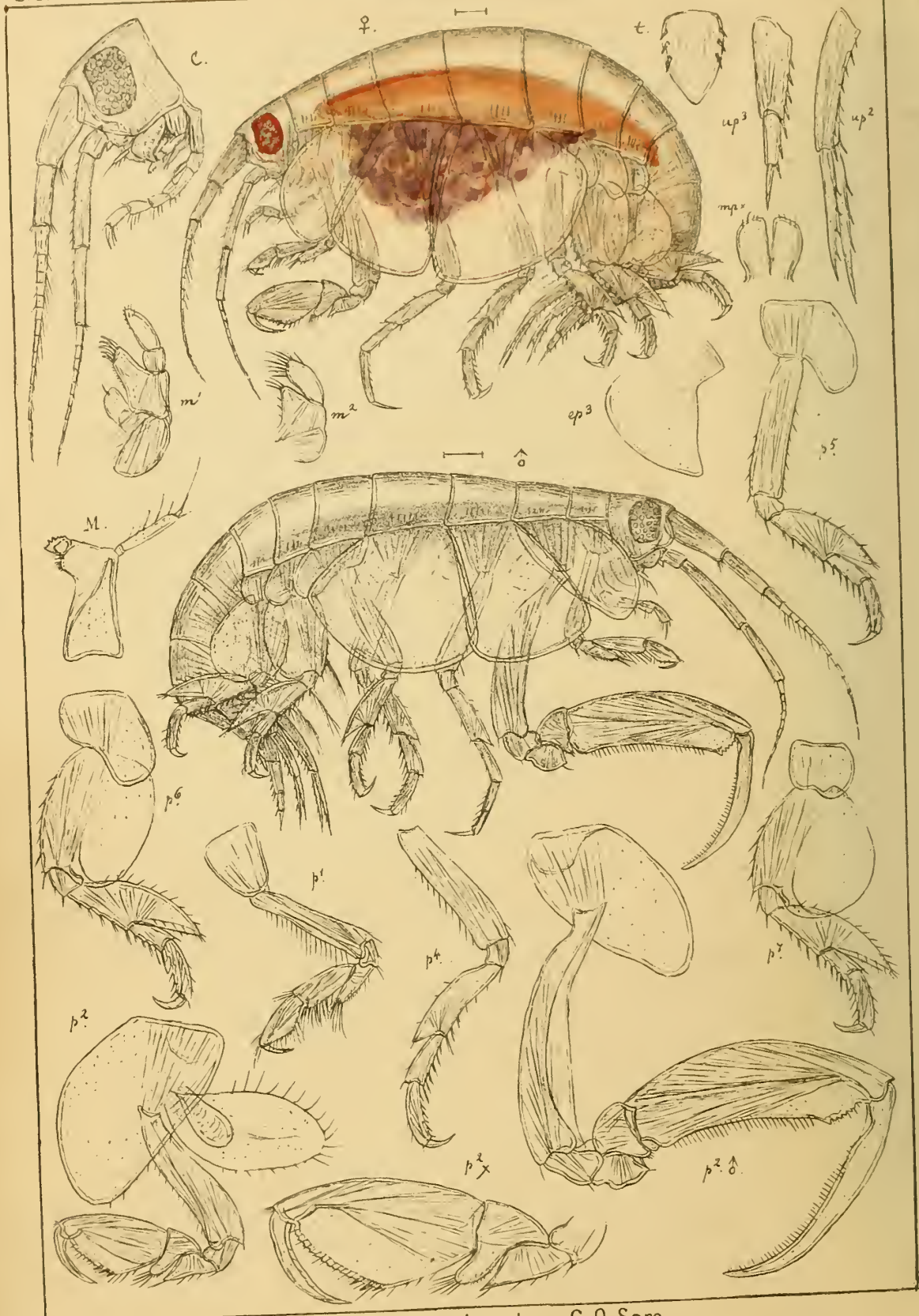
G.O Sars autogr.

Stenothoe megacheir, (Boeck).



G.O.Sars autogr.

Probolium gregarium, G.O.Sars



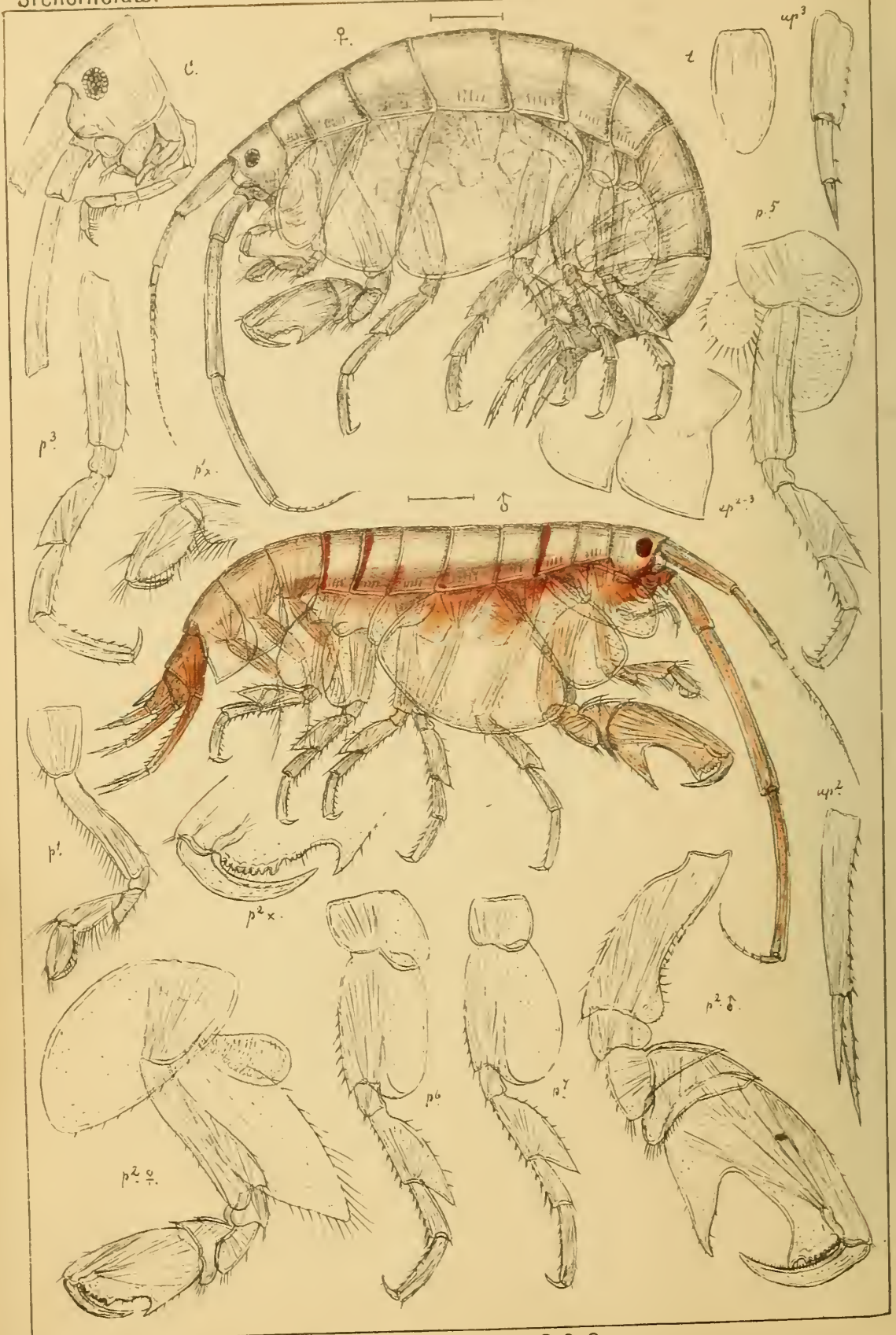
G.O.Sars autogr.

Probolium calcaratum, G.O.Sars



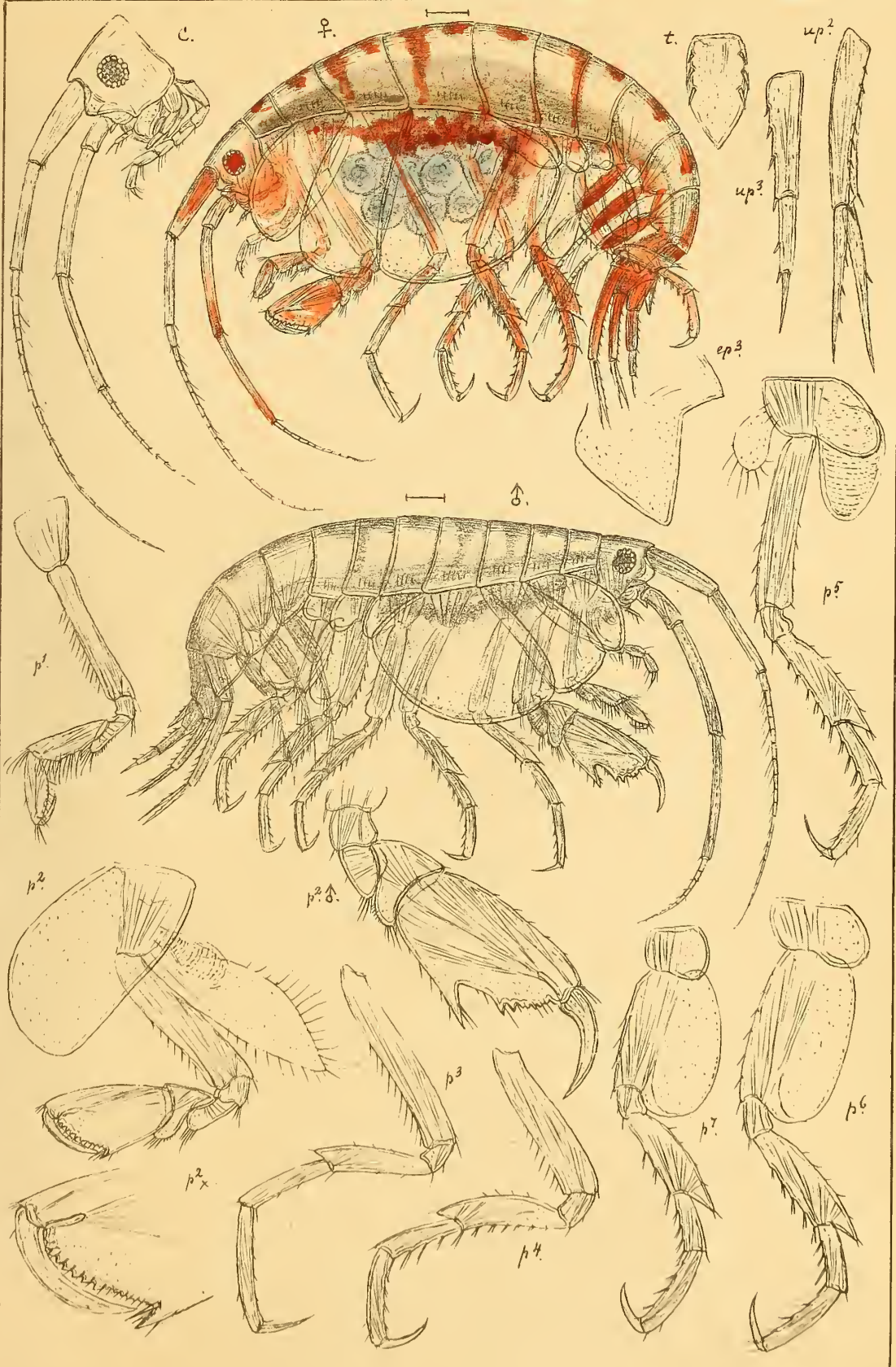
G.O Sars autogr.

Metopa Alderi, (Sp. Bate)



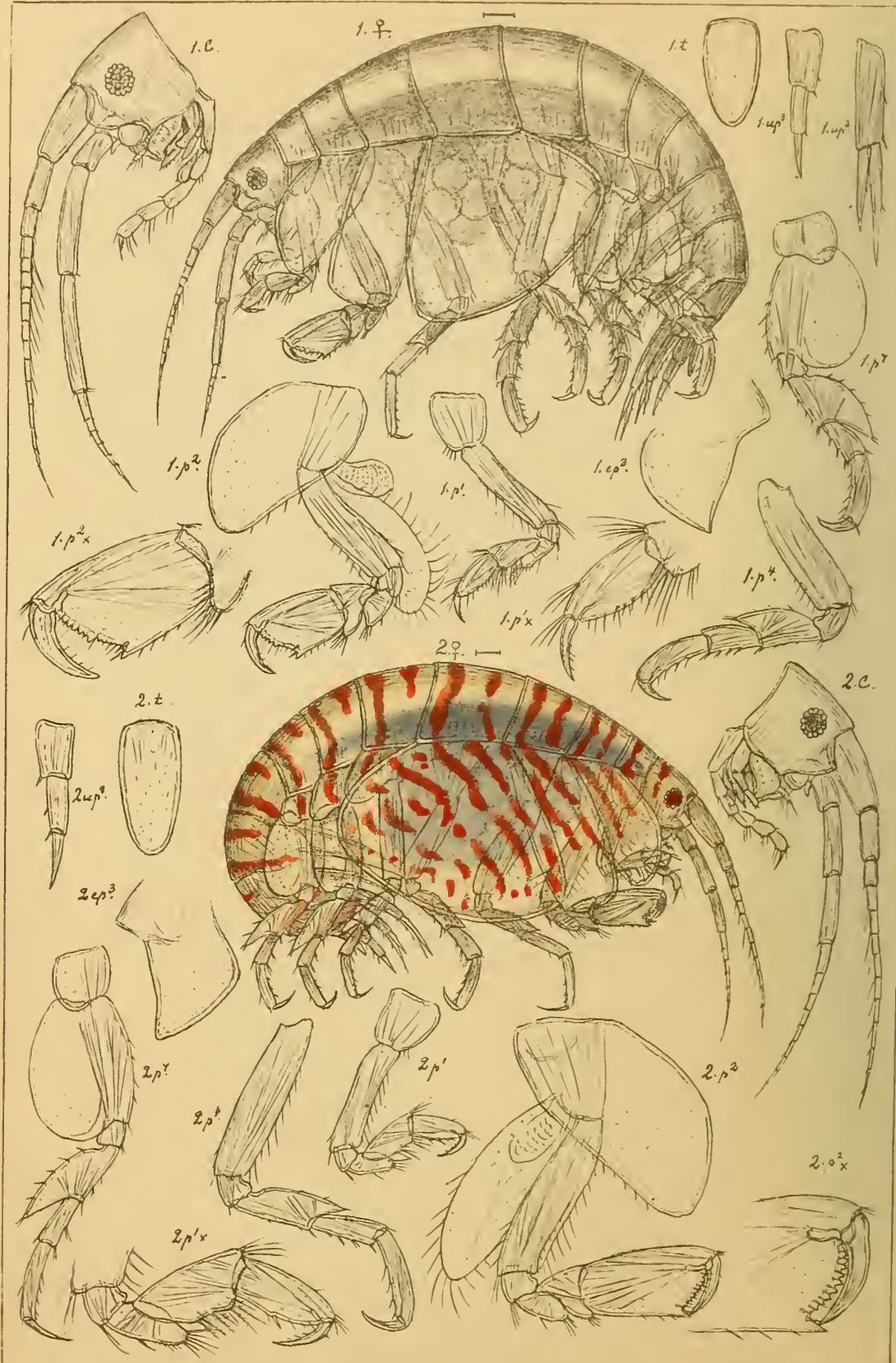
G.O.Sars autogr.

Metopa spectabilis, G.O.Sars



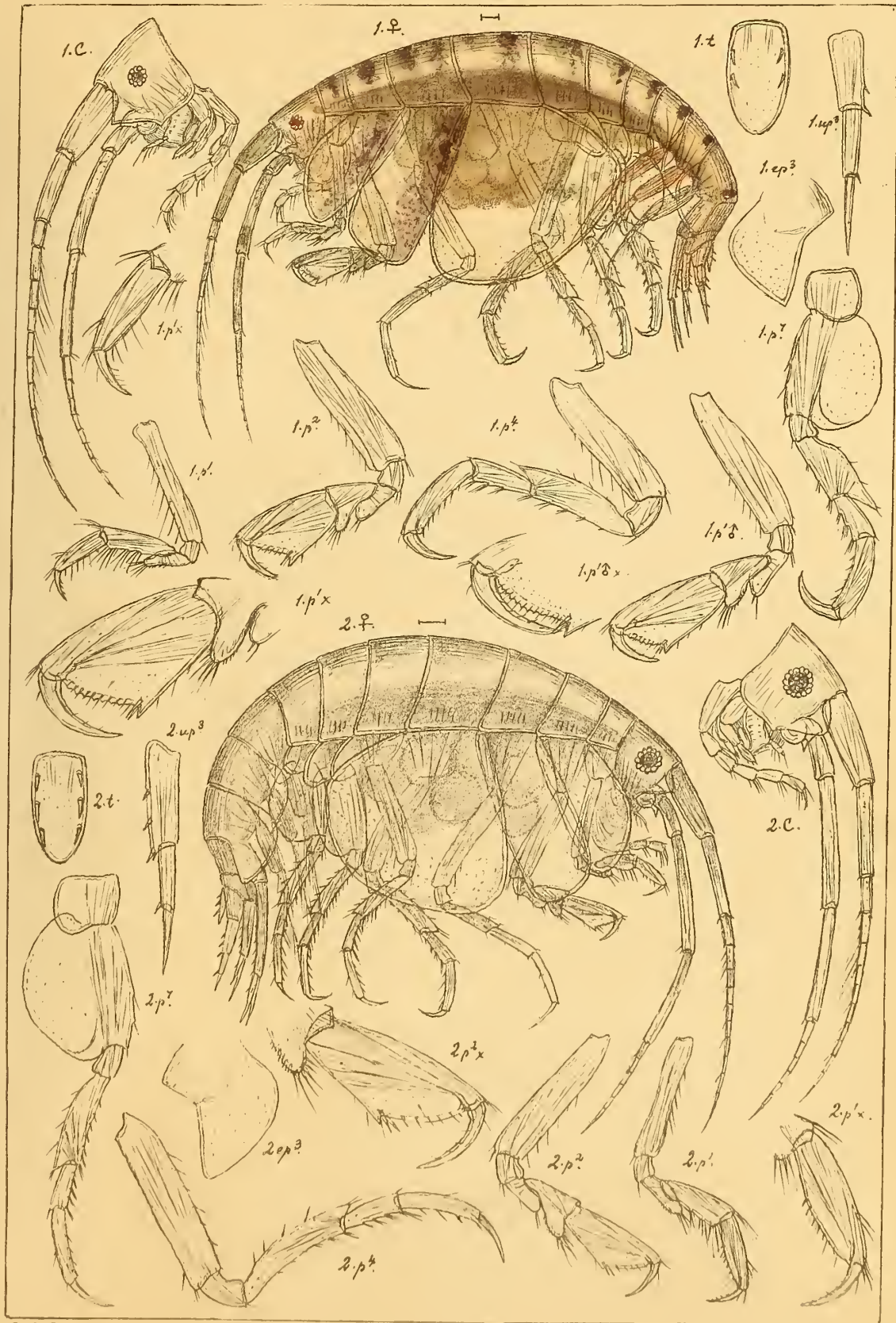
G.O Sars autogr.

Metopa Boeckii, n.sp.



G.O.Sars autogr.

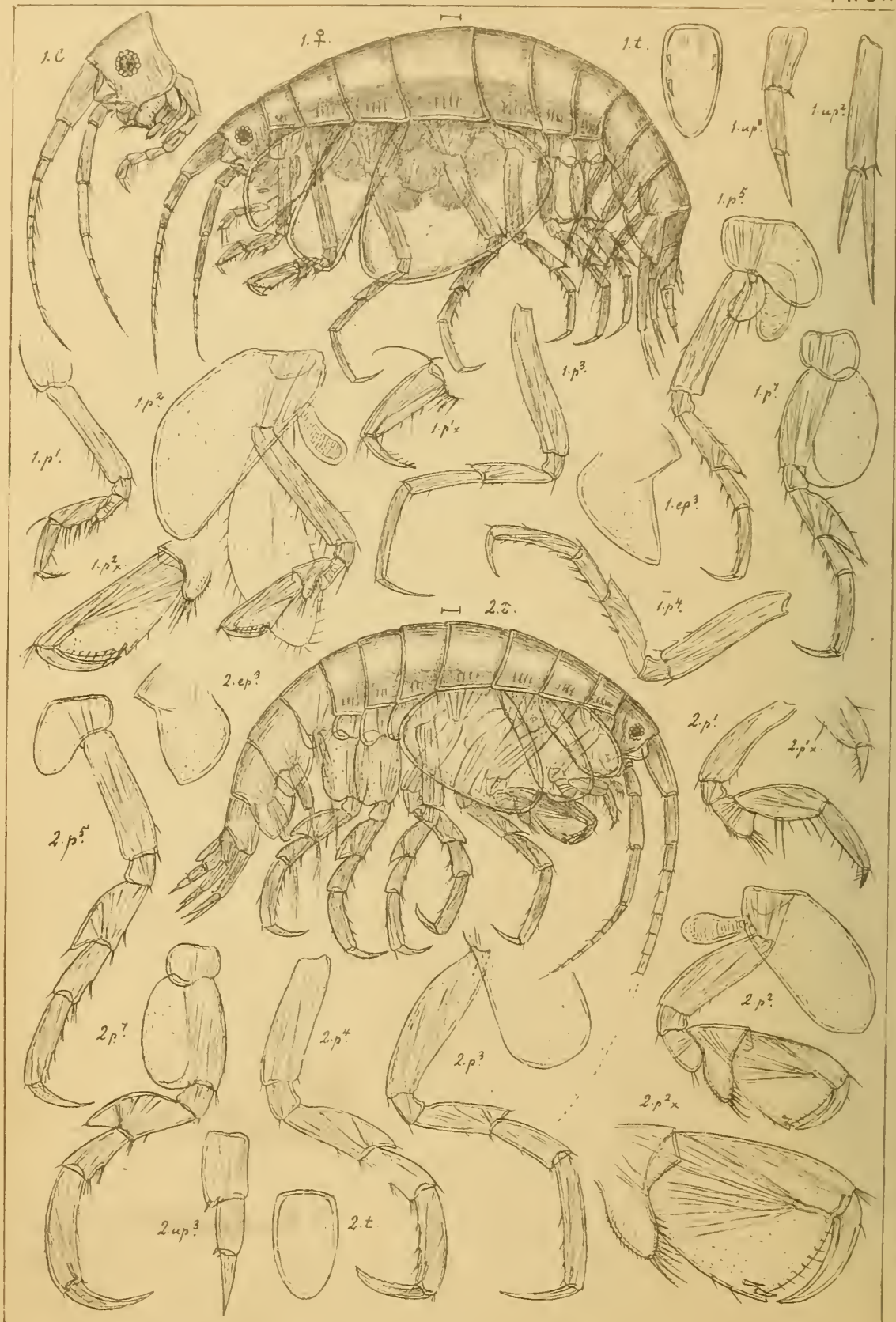
1. *Metopa borealis*, G.O. Sars.
2. *Metopa rubrovittata*, G.O. Sars.



G.O Sars autogr

1. *Metopa pusilla*, n.sp.

2. *Metopa longicornis*, Boeck.



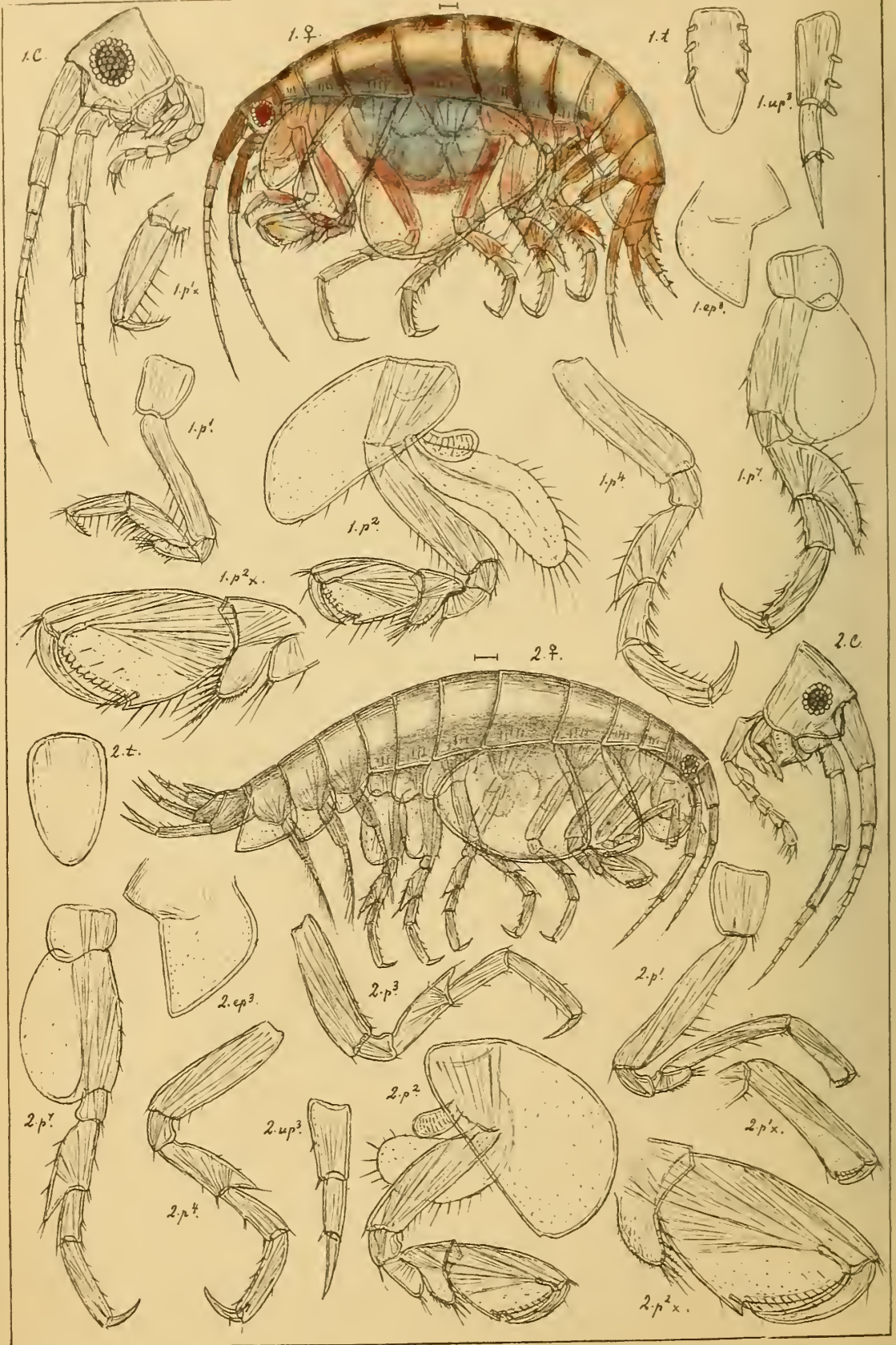
G.O Sars autogr.

1. *Metopa tenuimana*, n. sp.
2. *Metopa affinis*, Boeck.



G.O.Sars autogr.

1. *Metopa Bruzelii*, Goës.
2. *Metopa sinuata*, n. sp.



G.O.Sars autogr.

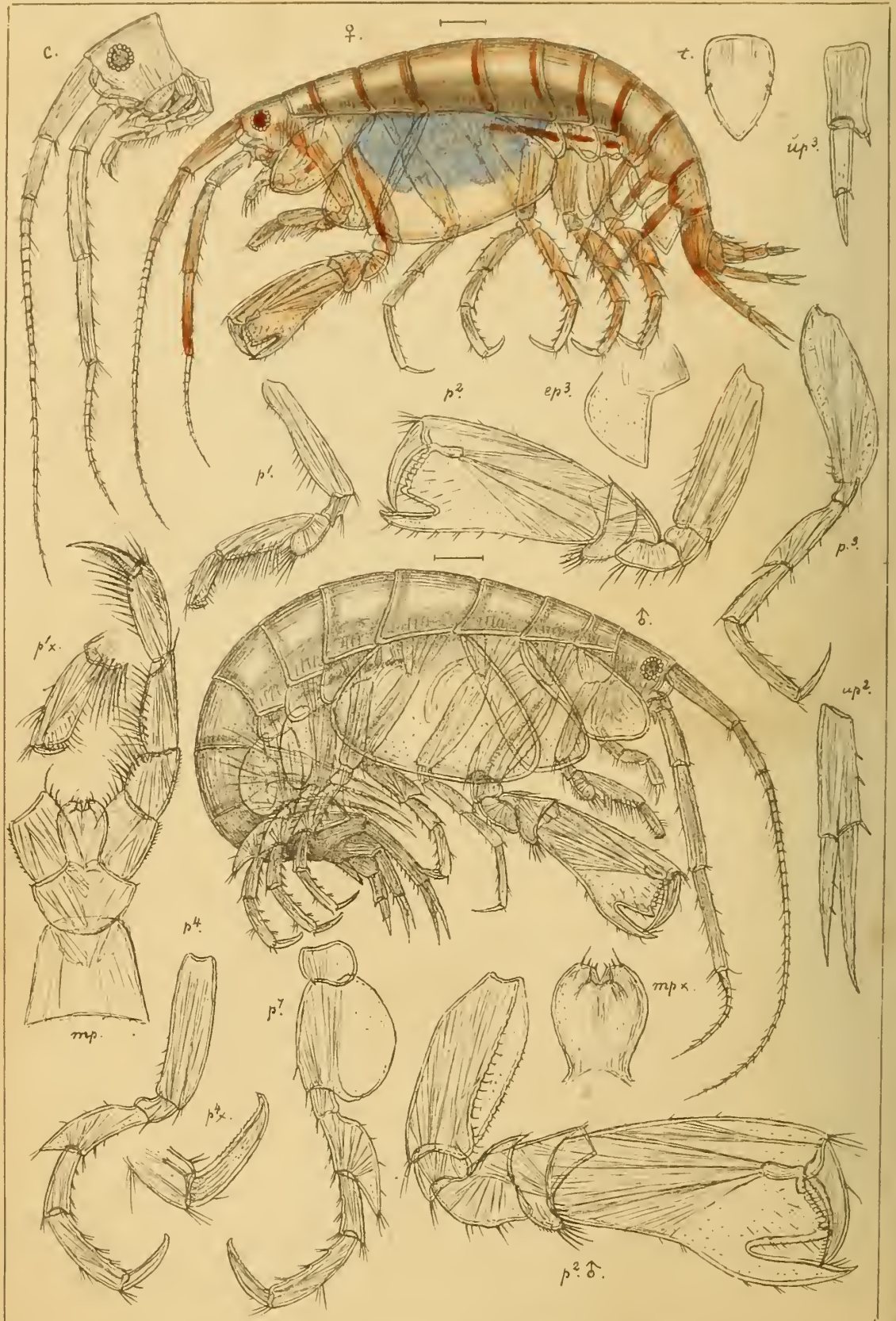
1. *Metopa propinqua*, n. sp.

2. *Metopa leptocarpa*, G.O.Sars.



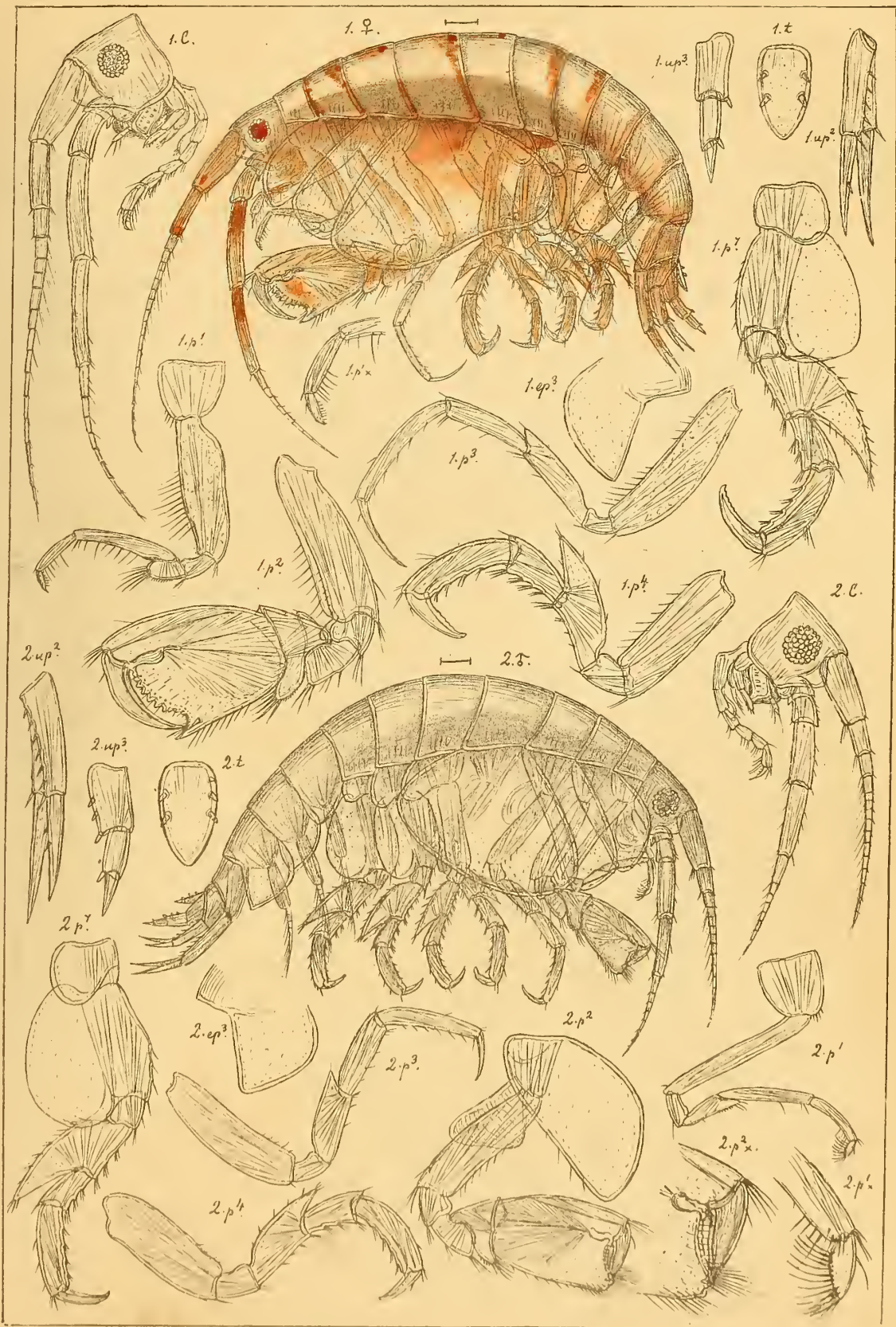
G.O.Sars autogr.

1. *Metopa Sölsbergi*, Schneider.
2. *Metopa invalida*, n. sp.



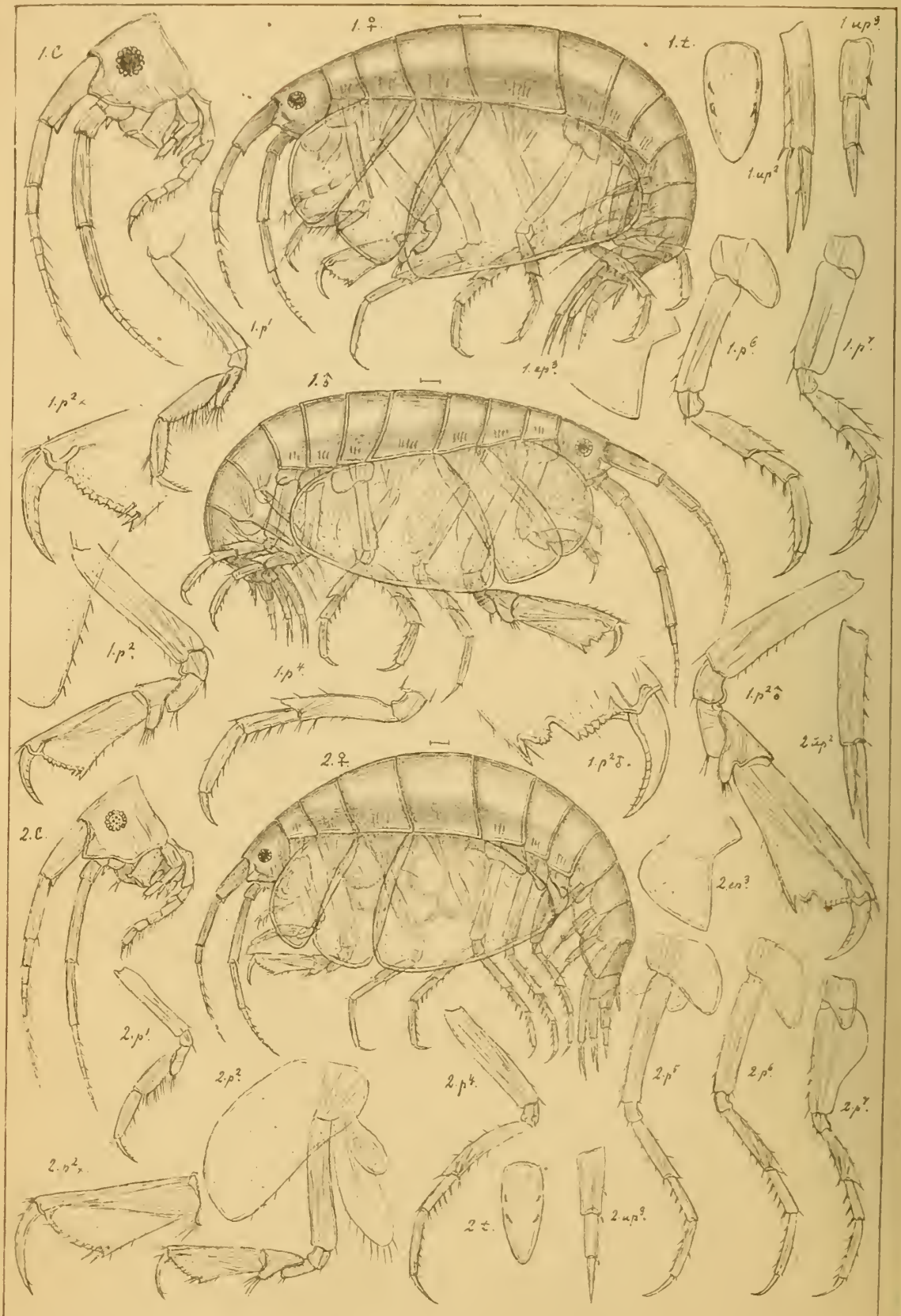
G.O.Sars autogr.

Metopa pollexiana, (Sp. Bate.)



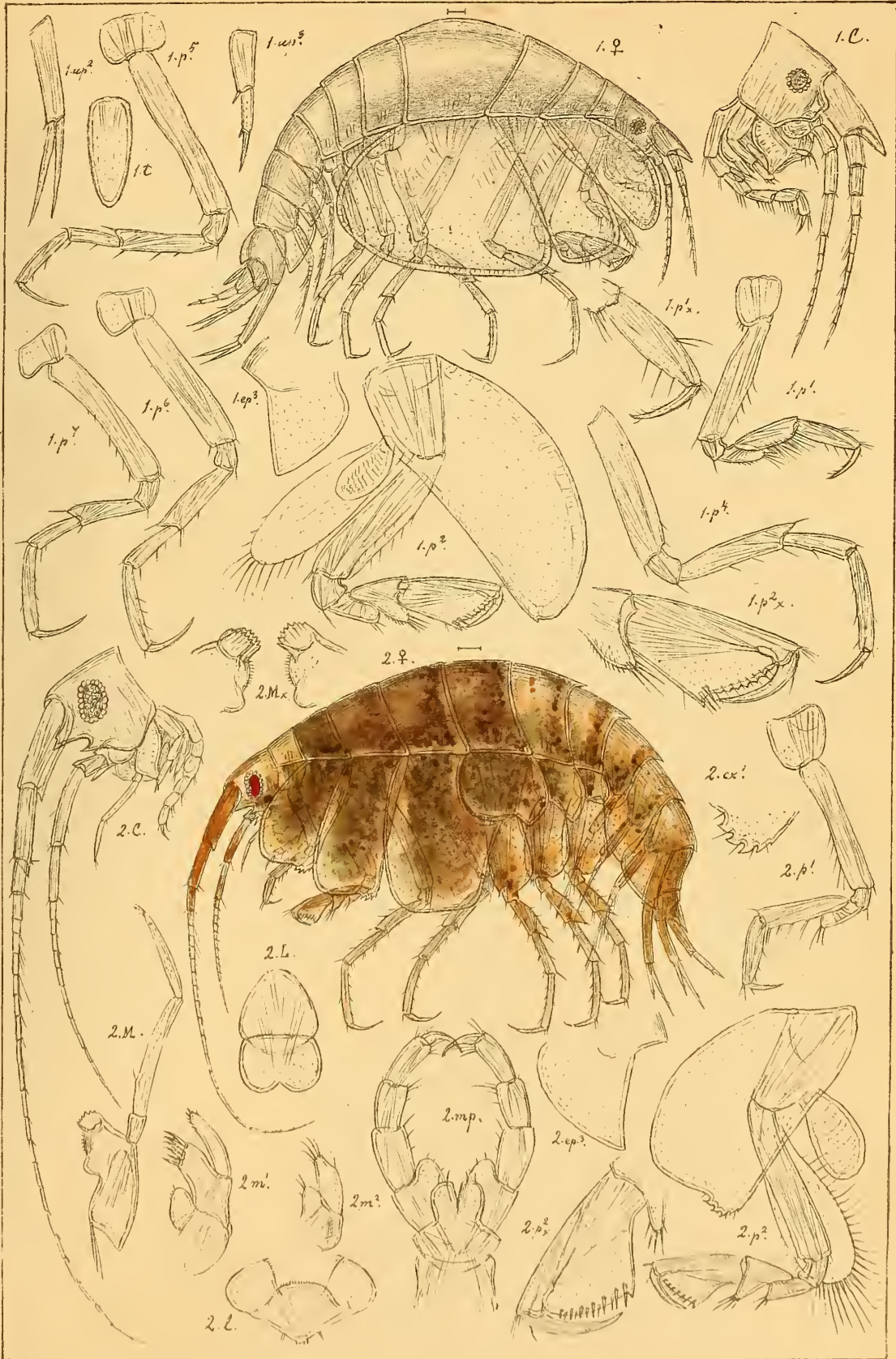
G.O Sars autogr.

1. *Metopa robusta*, n. sp.
2. *Metopa palmata*, n. sp.



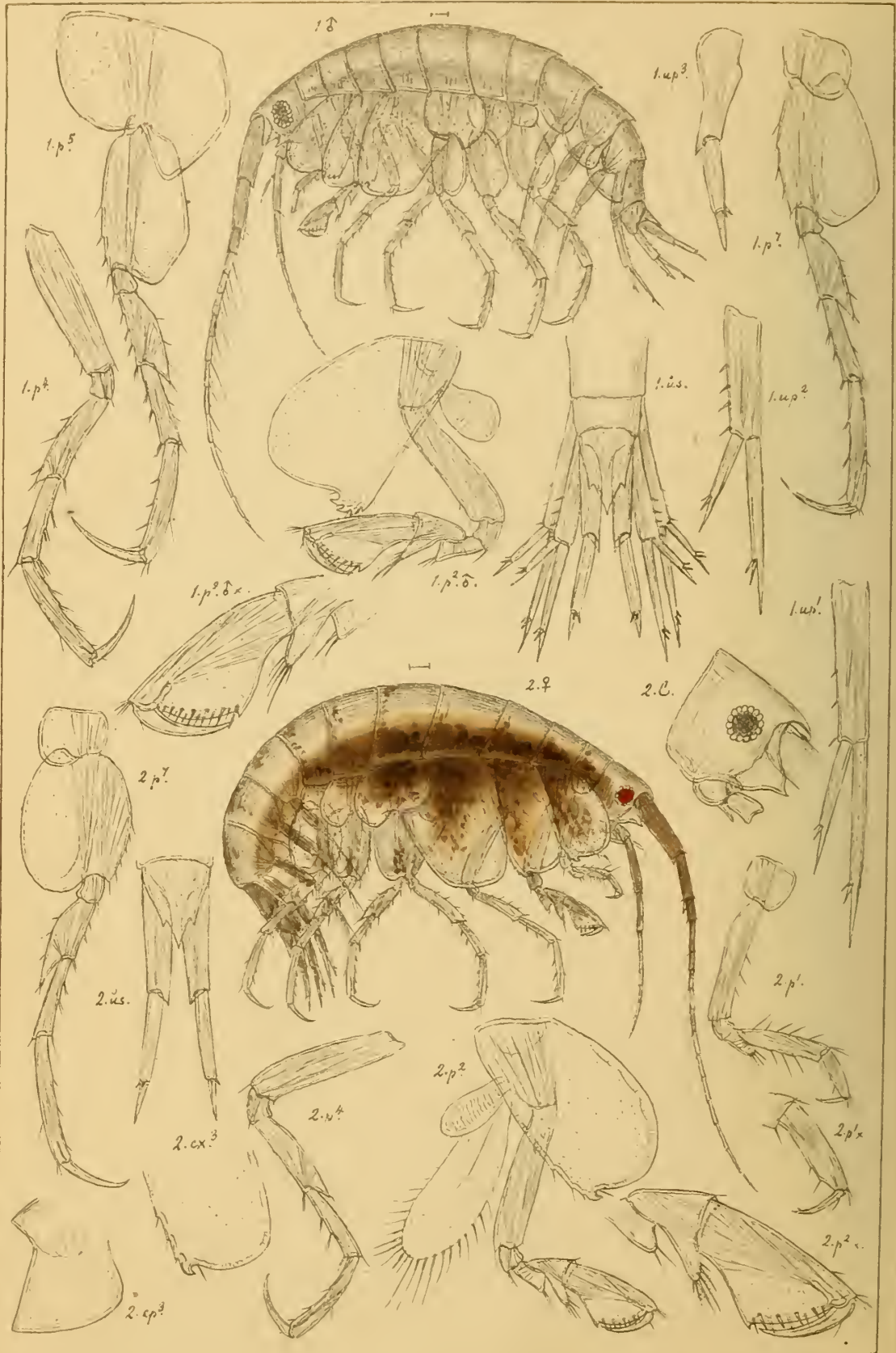
G.O.Sars autogr.

- 1. *Metopa longimana*, Boeck.
- 2. *Metopa neglecta*, Hansen.



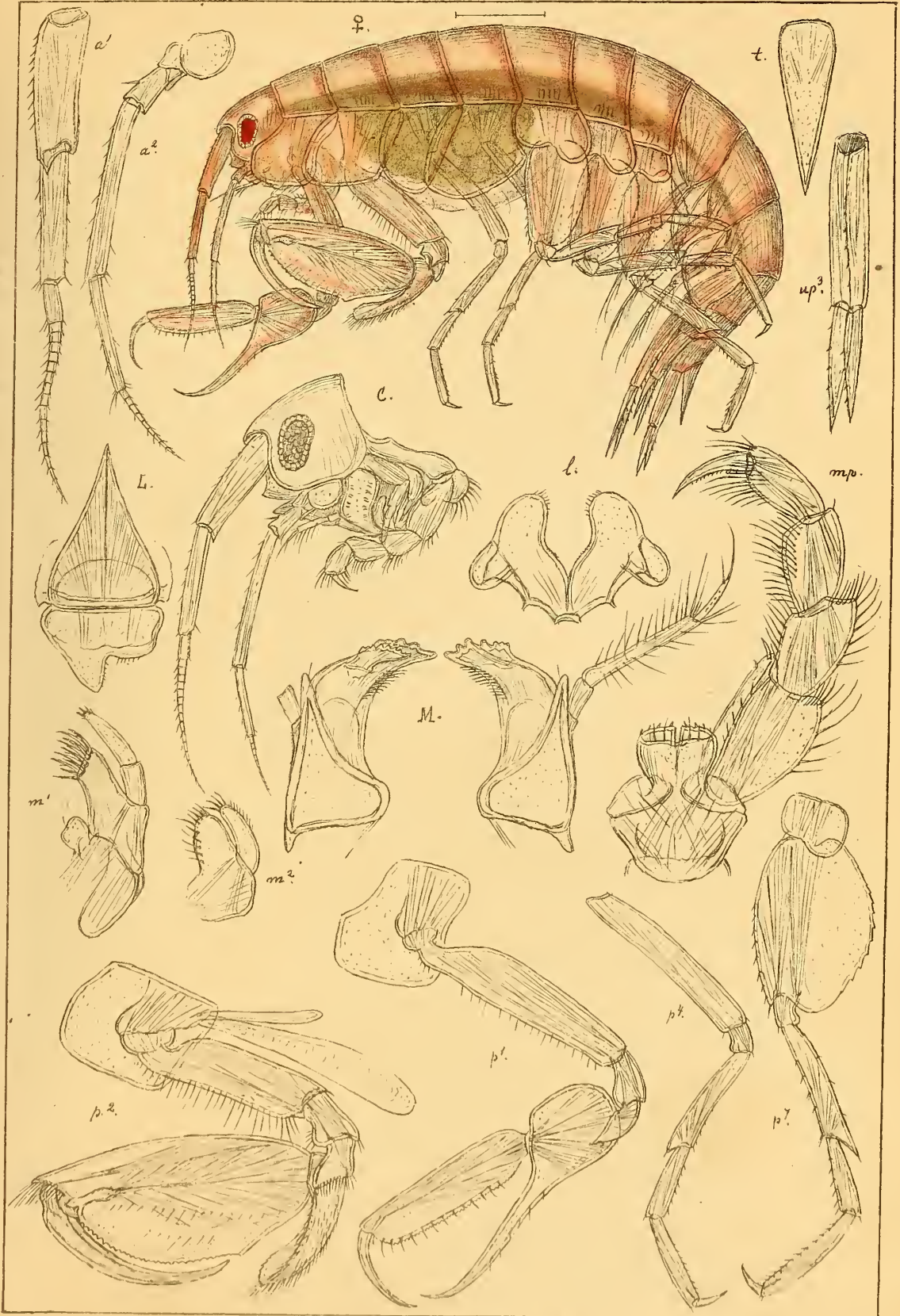
G.O.Sars autogr.

1. *Metopa nasuta*, (Boeck.)
2. *Cressa dubia*, (Sp. Bate.)



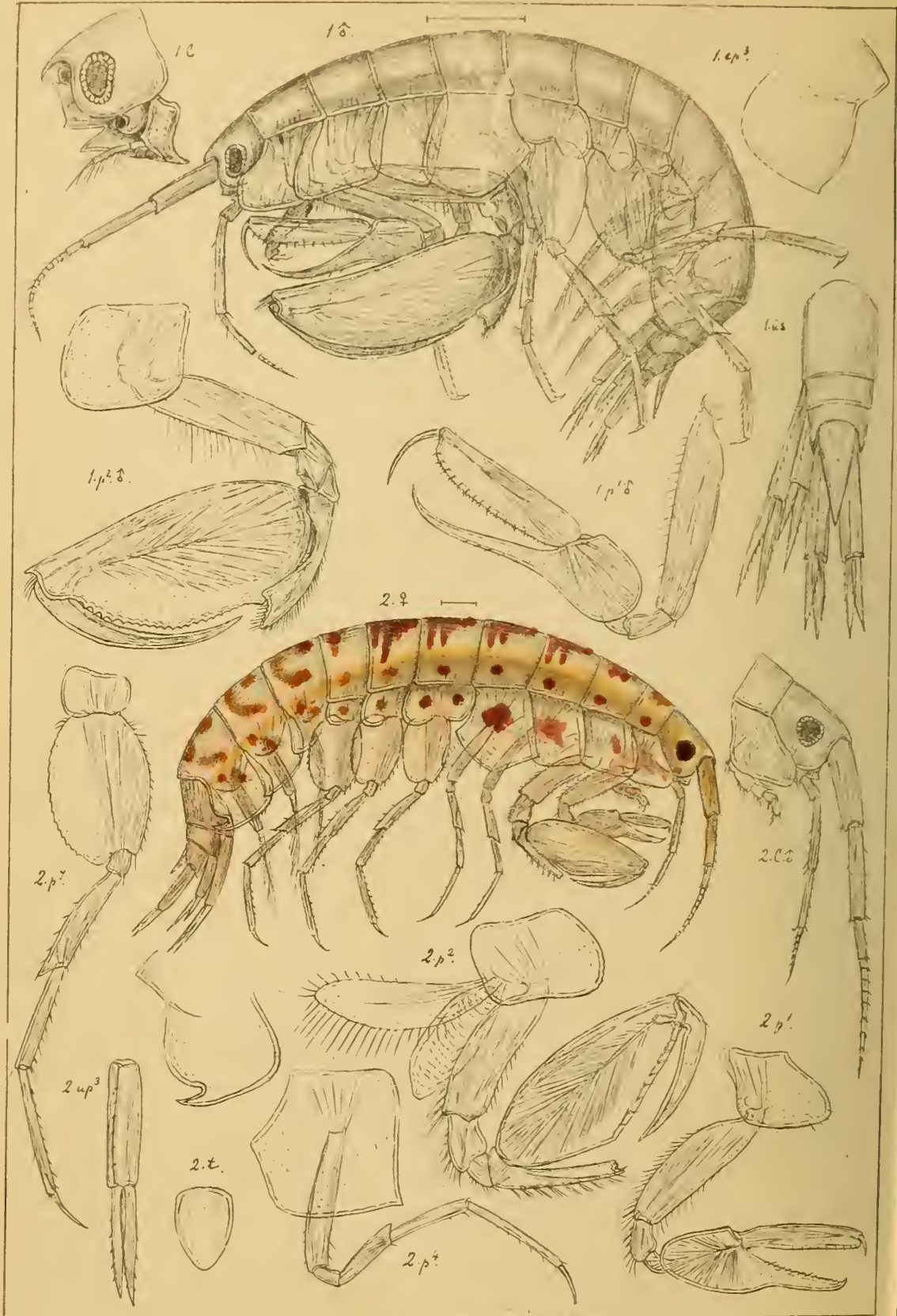
G.O.Sars autogr.

- 1. *Cressa dubia*, (Sp. Bate).
- 2. *Cressa minuta*, Boeck.



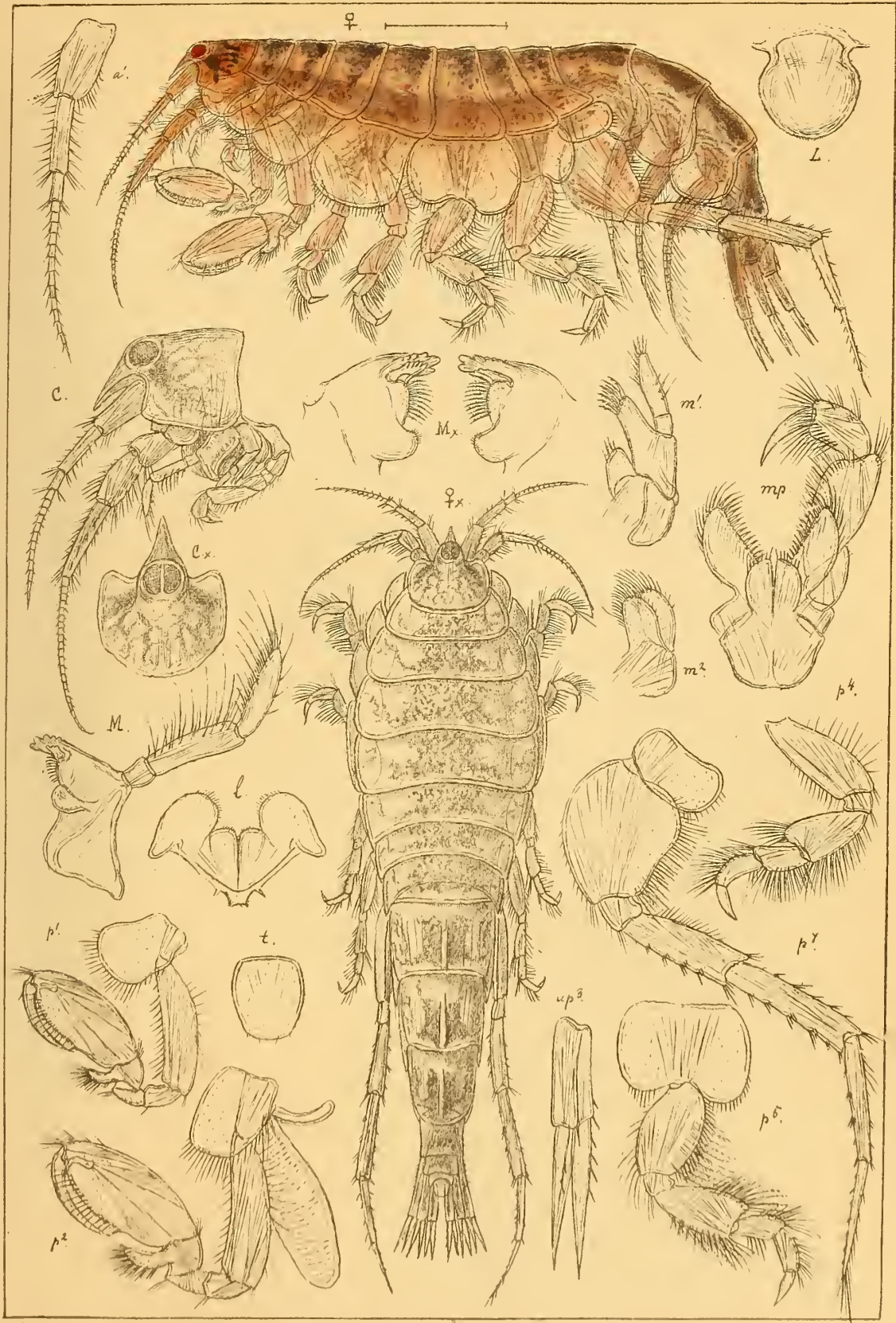
G.O.Sars autogr

Leucothoe articulosa, Abildg.



G.O.Sars autogr.

1. *Leucothoe articulosa*, Abildg. ♂
2. *Leucothoe imparicornis*, Norm.



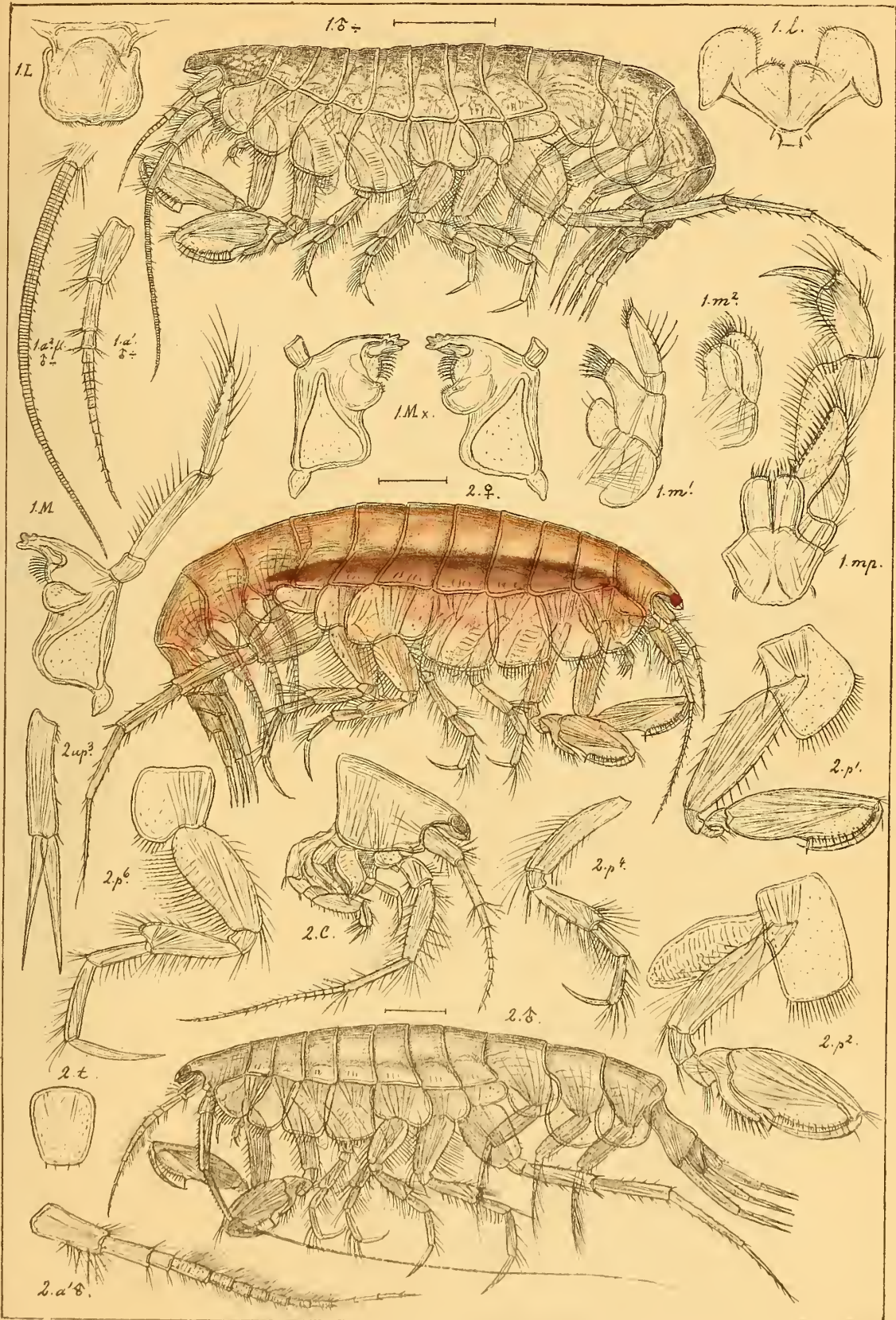
G O Sars autogr

Oedicerus saginatus, Kröyer.



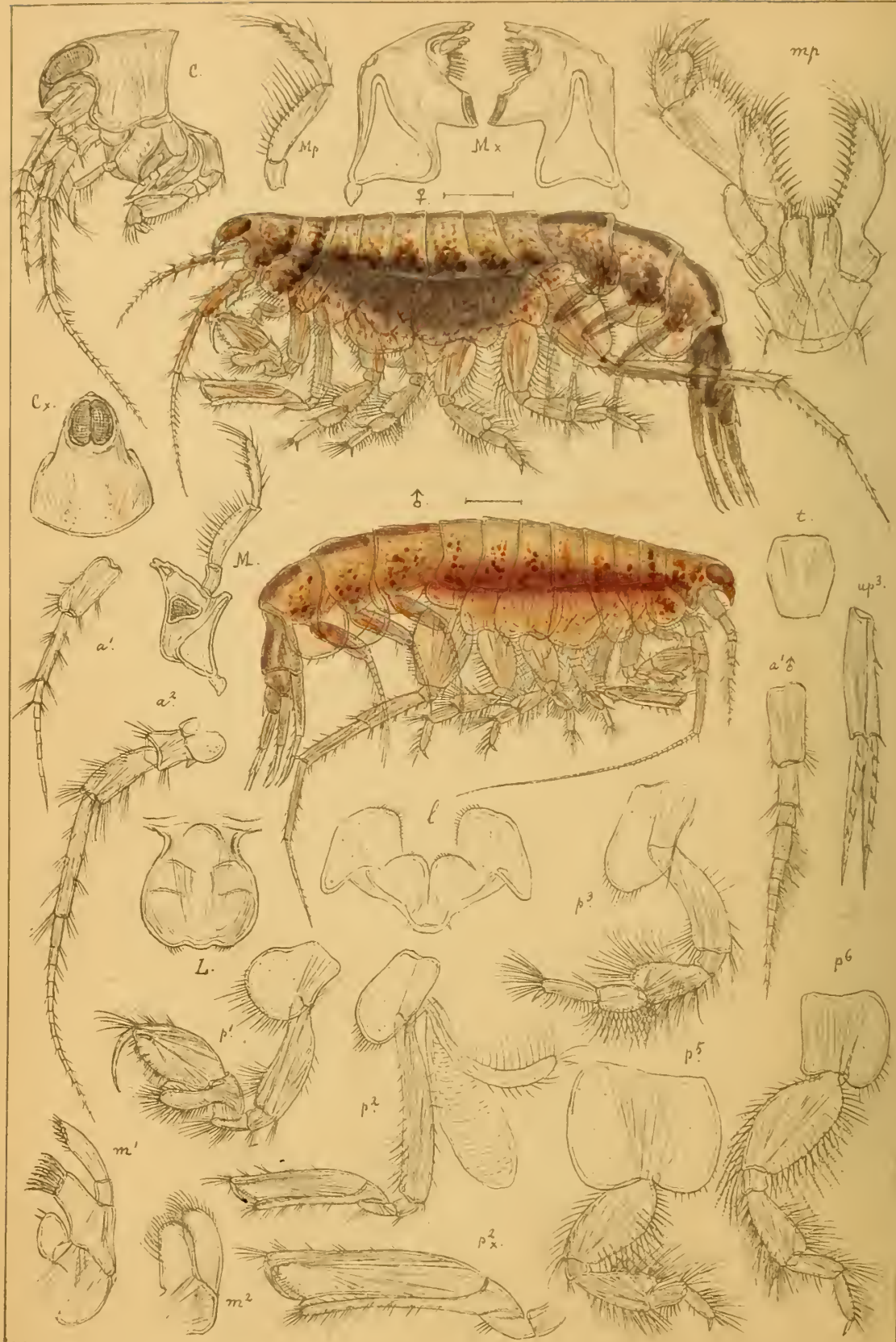
G.O. Sars autogr.

- 1. *Oediceros borealis*, Boeck.
- 2. *Paroediceros lynceus*, (M. Sars).



G.O.Sars autogr.

- 1. *Paroediceros lynceus*, (M. Sars).
- 2. *Paroediceros propinquus*, (Goës).

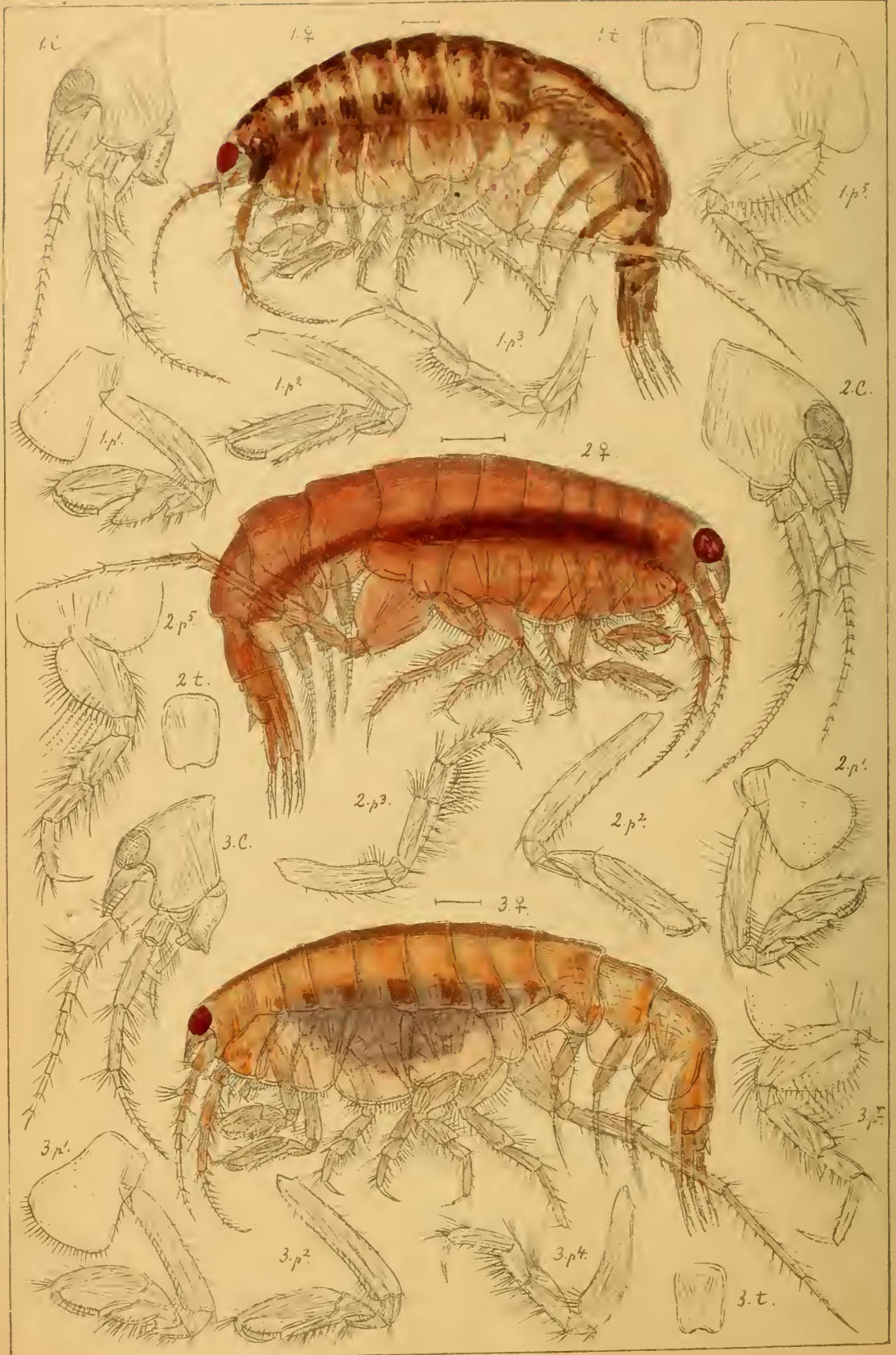


G.O Sars autoogr.

Monoculodes carinatus, Sp. Bate



G.O Sars autogr. 1. *Monoculodes tessellatus*, Schneider.
 2. *Monoculodes borealis*, Boeck.
 3. *Monoculodes pallidus*, n.sp.



G.O Sars autogr. 1. *Monoculodes norvegicus*, Boeck.
 2. *Monoculodes falcatus*, n. sp.
 3. *Monoculodes tuberculatus*, Boeck.



G.O.Sars autogr. 1. *Monoculodes latimanus*, (Goës.)
 2. *Monoculodes Krøyeri*, Boeck.
 3. *Monoculodes longirostris*, (Goës.)



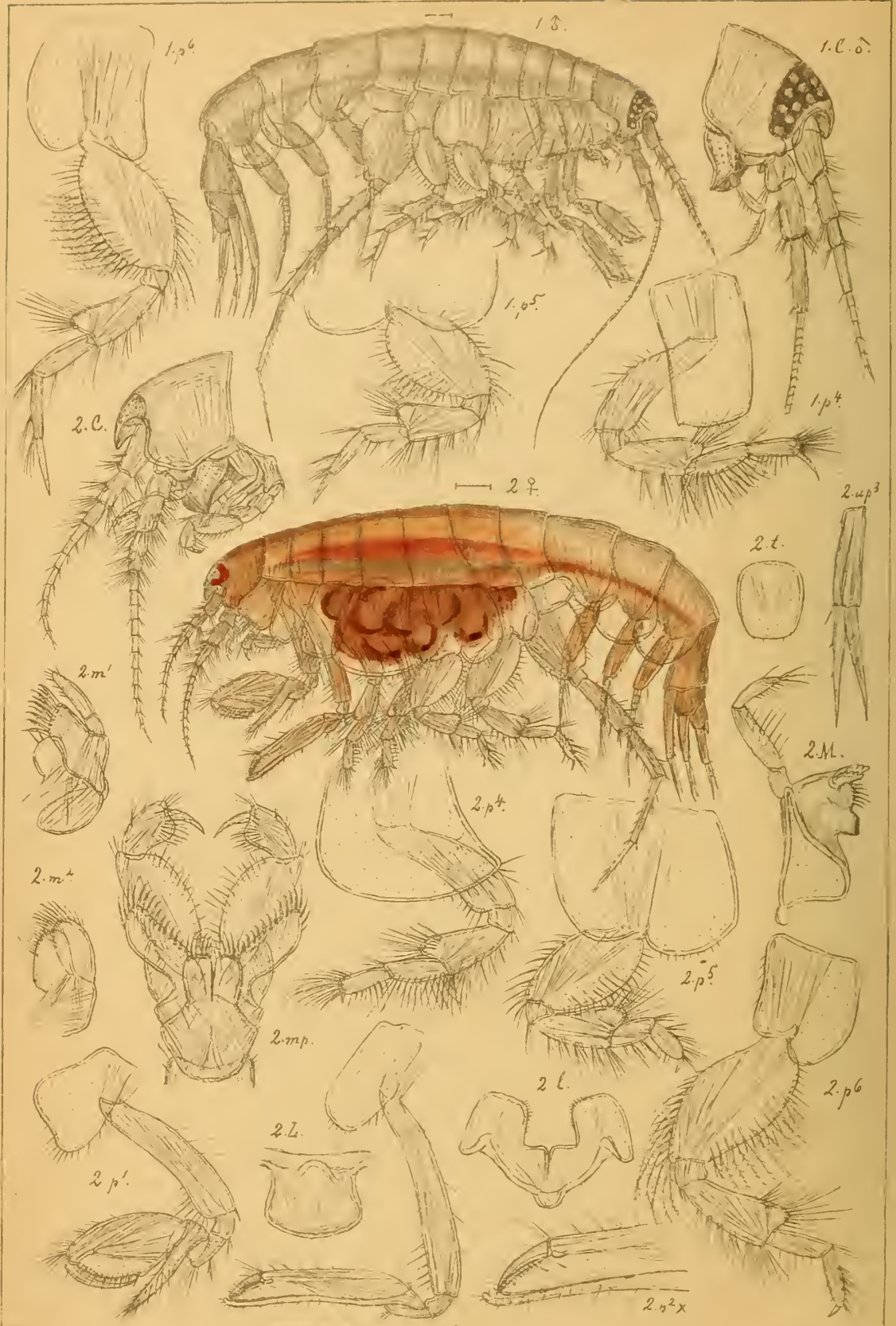
G.O Sars autogr.

- 1. *Monoculodes packardii*, Boeck =
- 2. *Monoculodes tenuirostratus*, Boeck.



G.O.Sars autogr

1. *Monoculopsis longicornis* (Boeck)
 2. *Periculodes longimanus*, (Sp. Bate.)

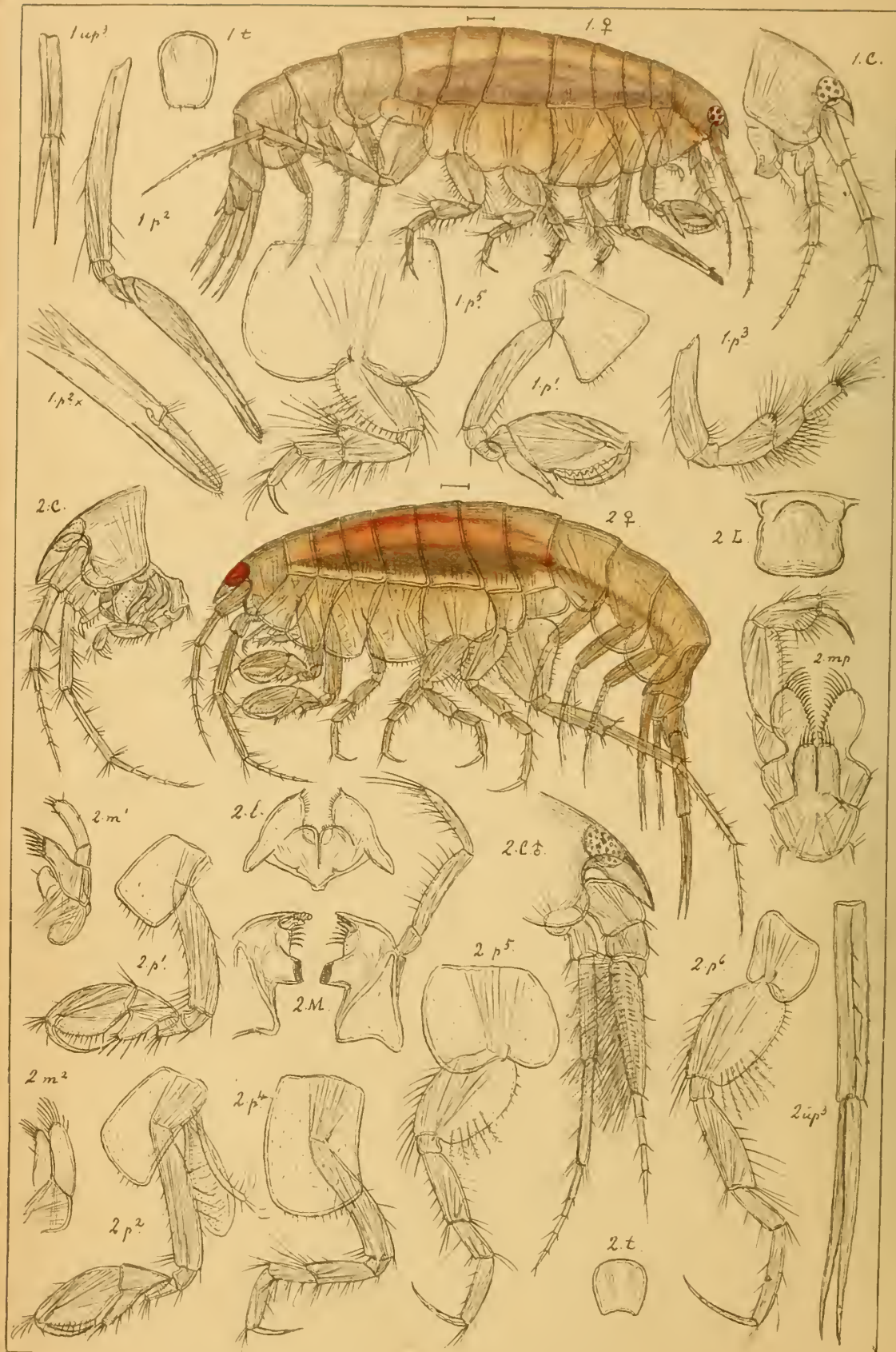


G.O. Sars autogr.

- 1. *Perioculodes longimanus*, (Sp. Bate.)
- 2. *Pontocrates norvegicus*, Boeck.



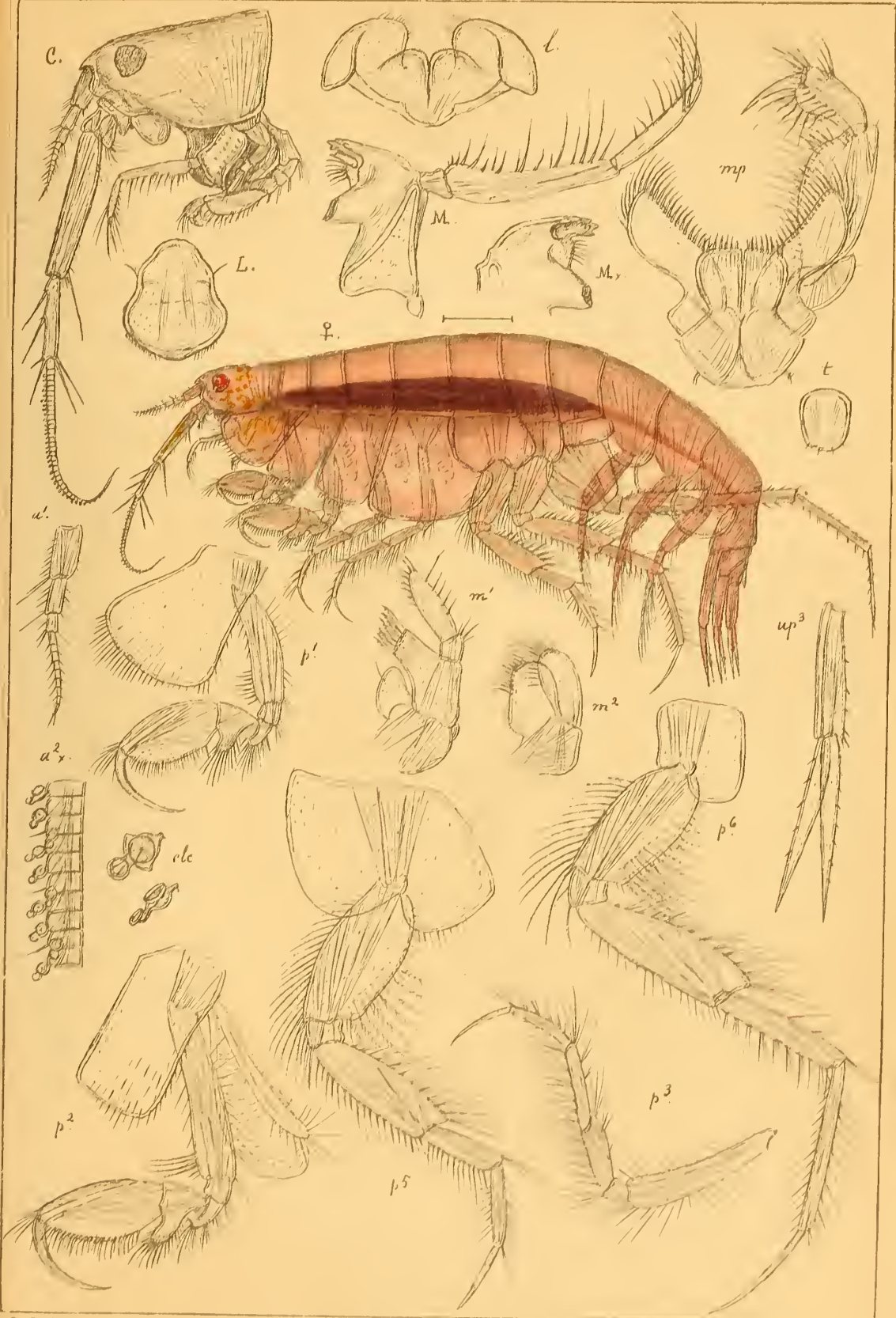
G.O.Sars autogr. 1. *Synchelidium brevicarpum*, (Sp. Bate).
 2. *Synchelidium haplocheles*, (Grube).



G.O.Sars autogr.

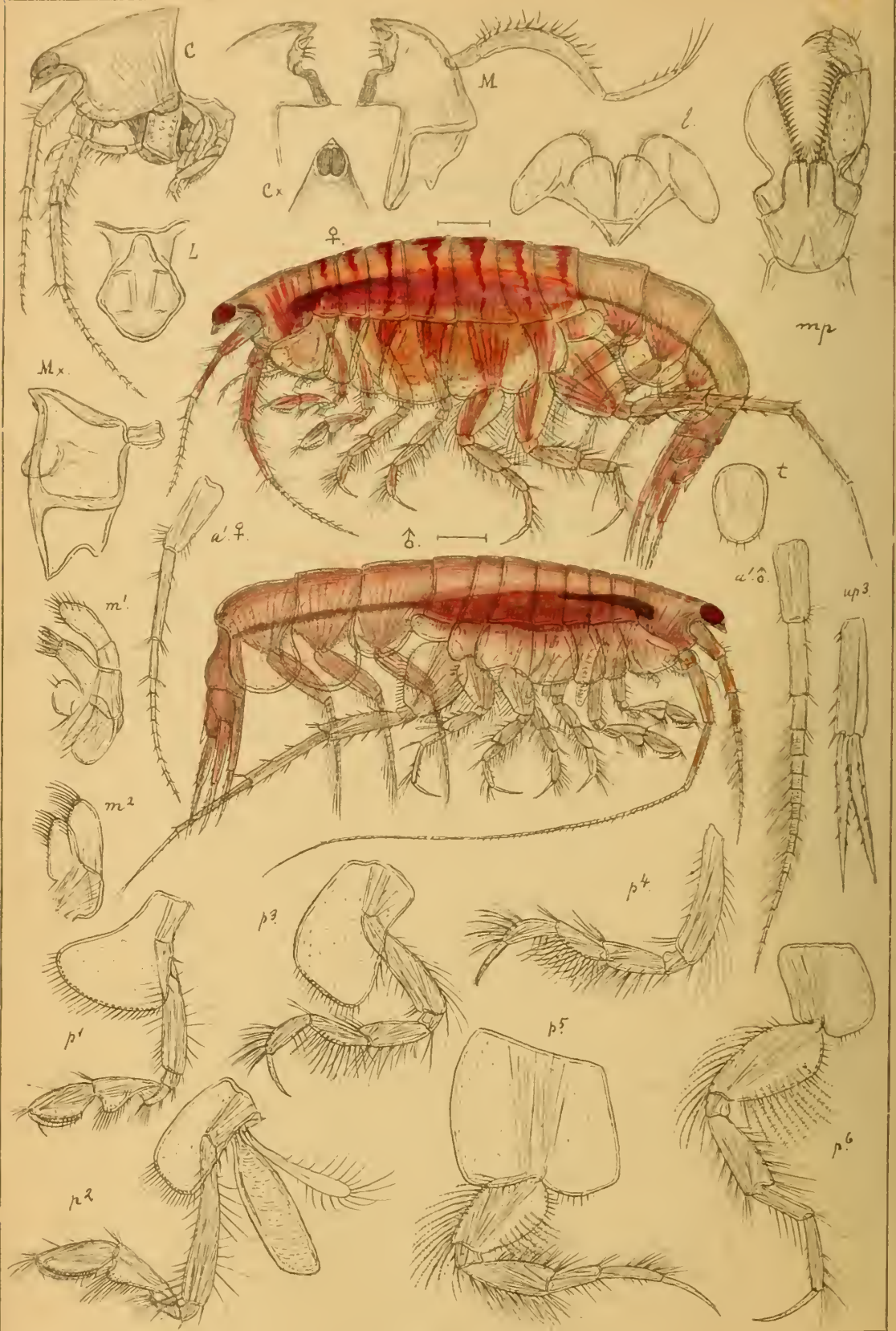
1. *Synchelidium intermedium*, n.sp.

2. *Halicreion longicaudatus*, Boeck.



G.O. Sars autogr.

Oediceropsis brevicornis, Lilljeb.



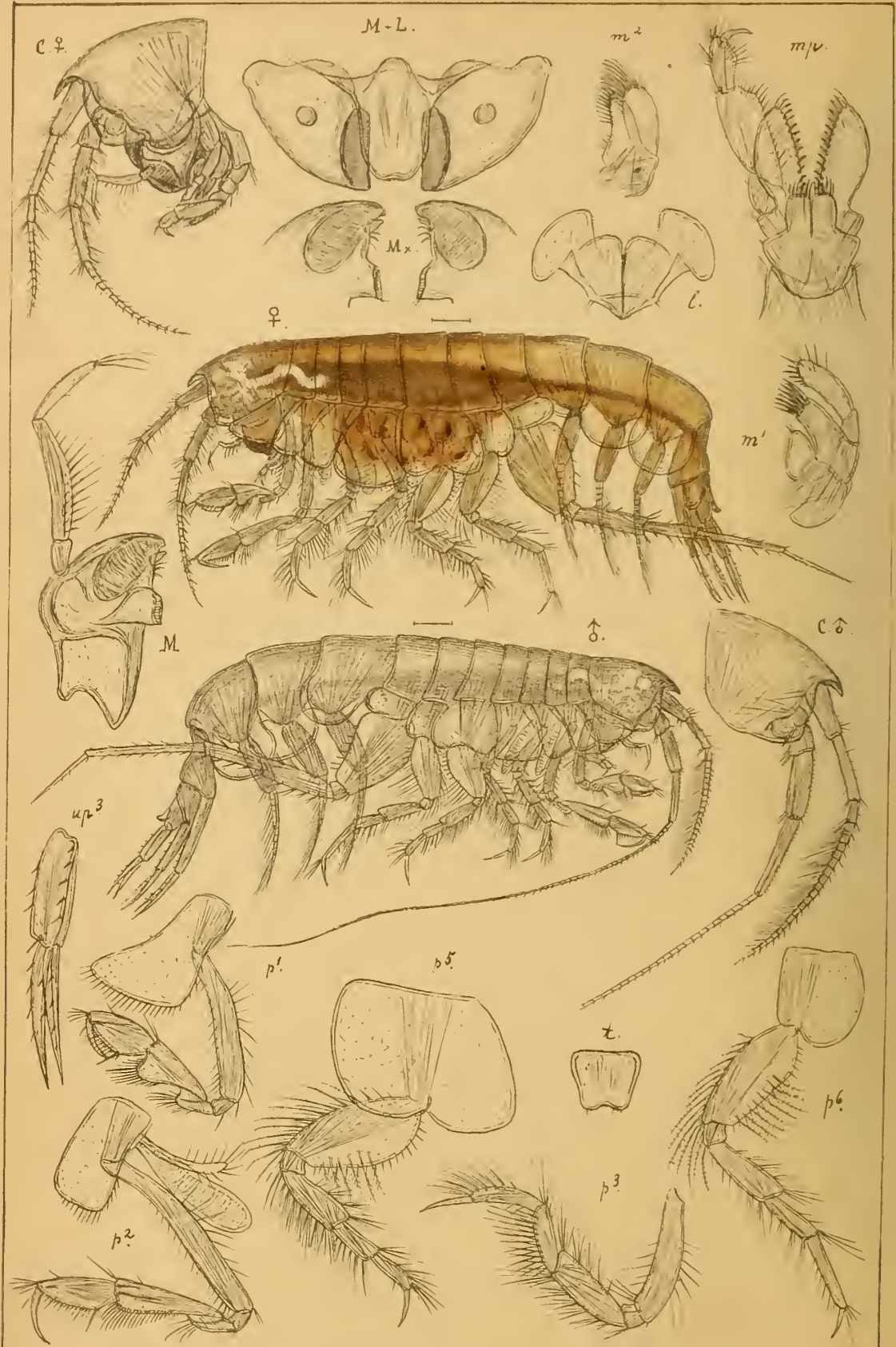
G.O.Sars autogr.

Halimedon Mülleri, Boeck.



G.O.Sars autogr.

- 1. *Halimeton acutifrons*, n. sp.
- 2. *Halimeton megalops*, G.O. Sars.
- 3. *Halimeton brevicar*, (Goës).



G.O. Sars autogr.

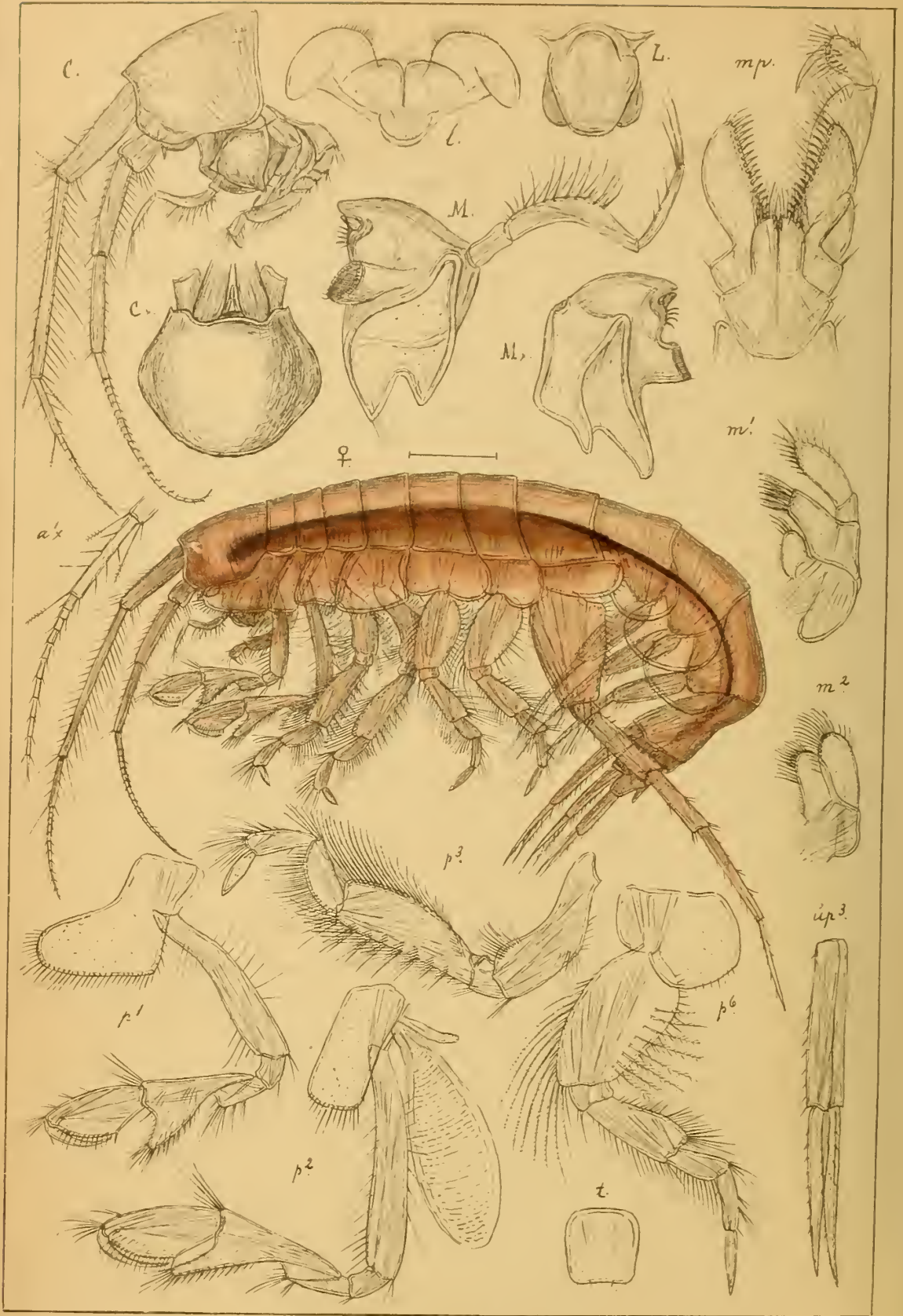
Bathymedon longimanus, (Boeck).



G.O.Sars autogr.

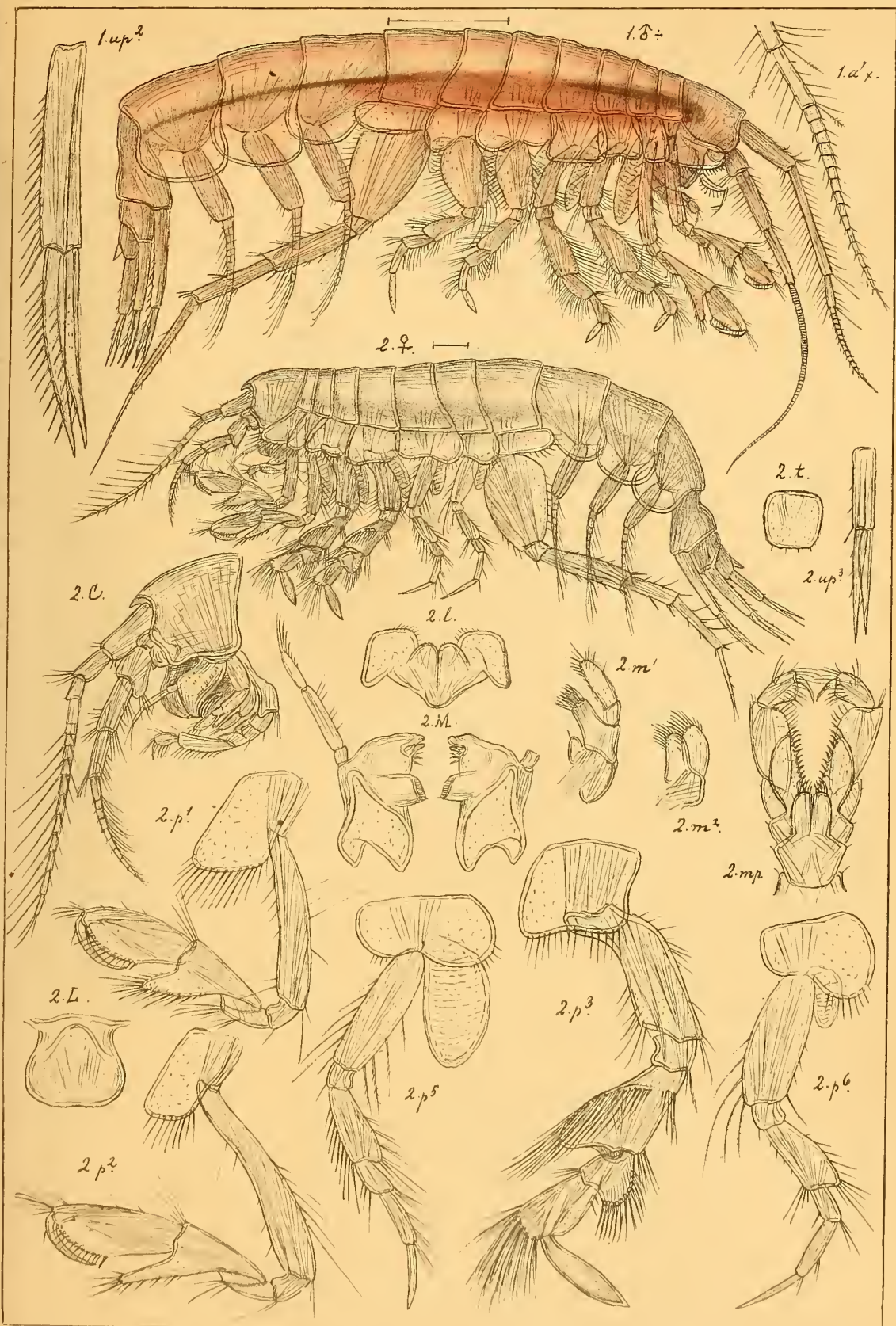
1. *Bathymedon Saussurei*, (Boeck).

2. *Bathymedon obtusifrons*, (Hansen).



G.O.Sars autogr

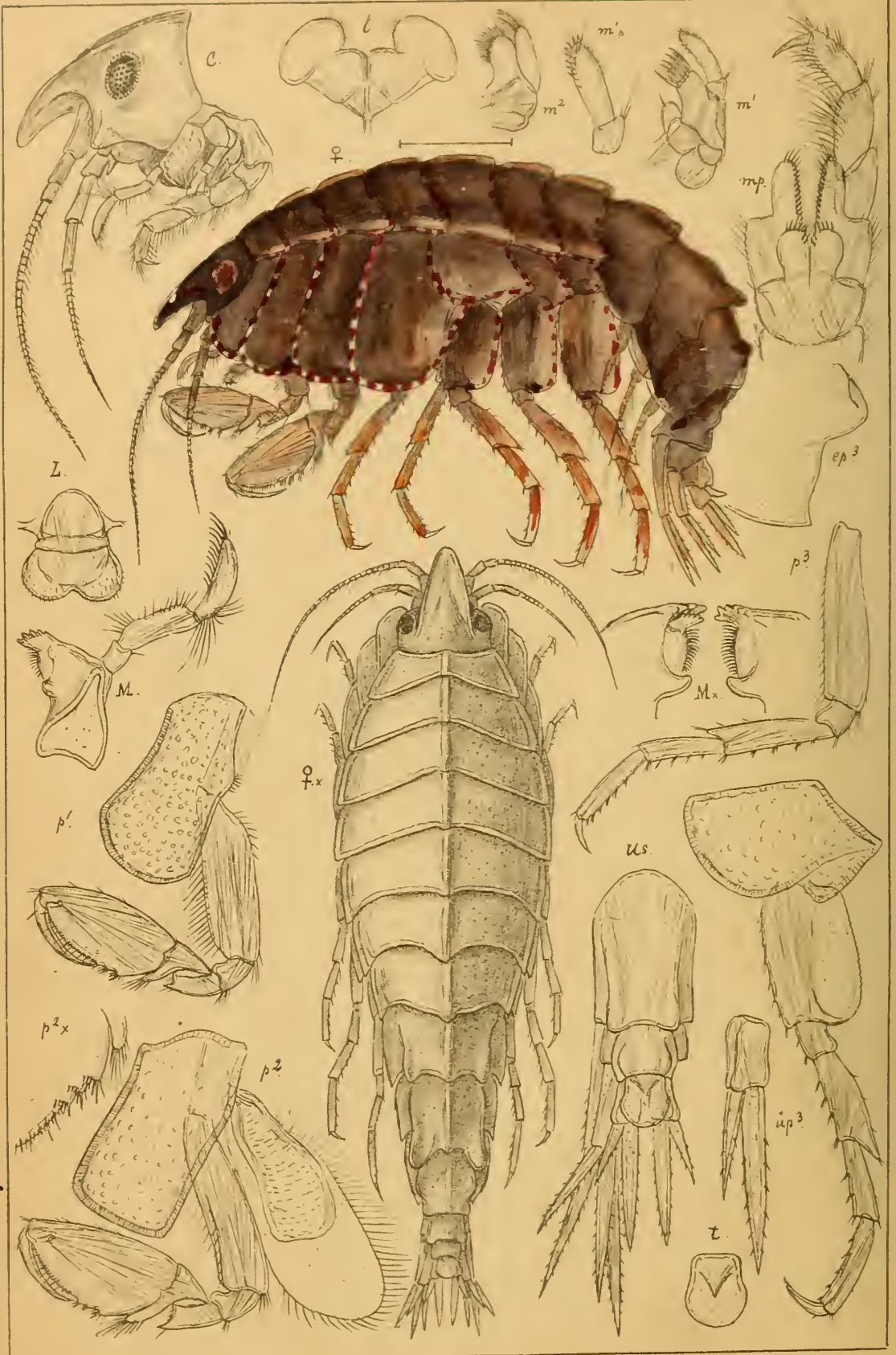
Aceros phyllonyx, (M.Sars).



G.O.Sars autogr. *Archiv.* 1. *Aceros phyllonyx*, (M.Sars).

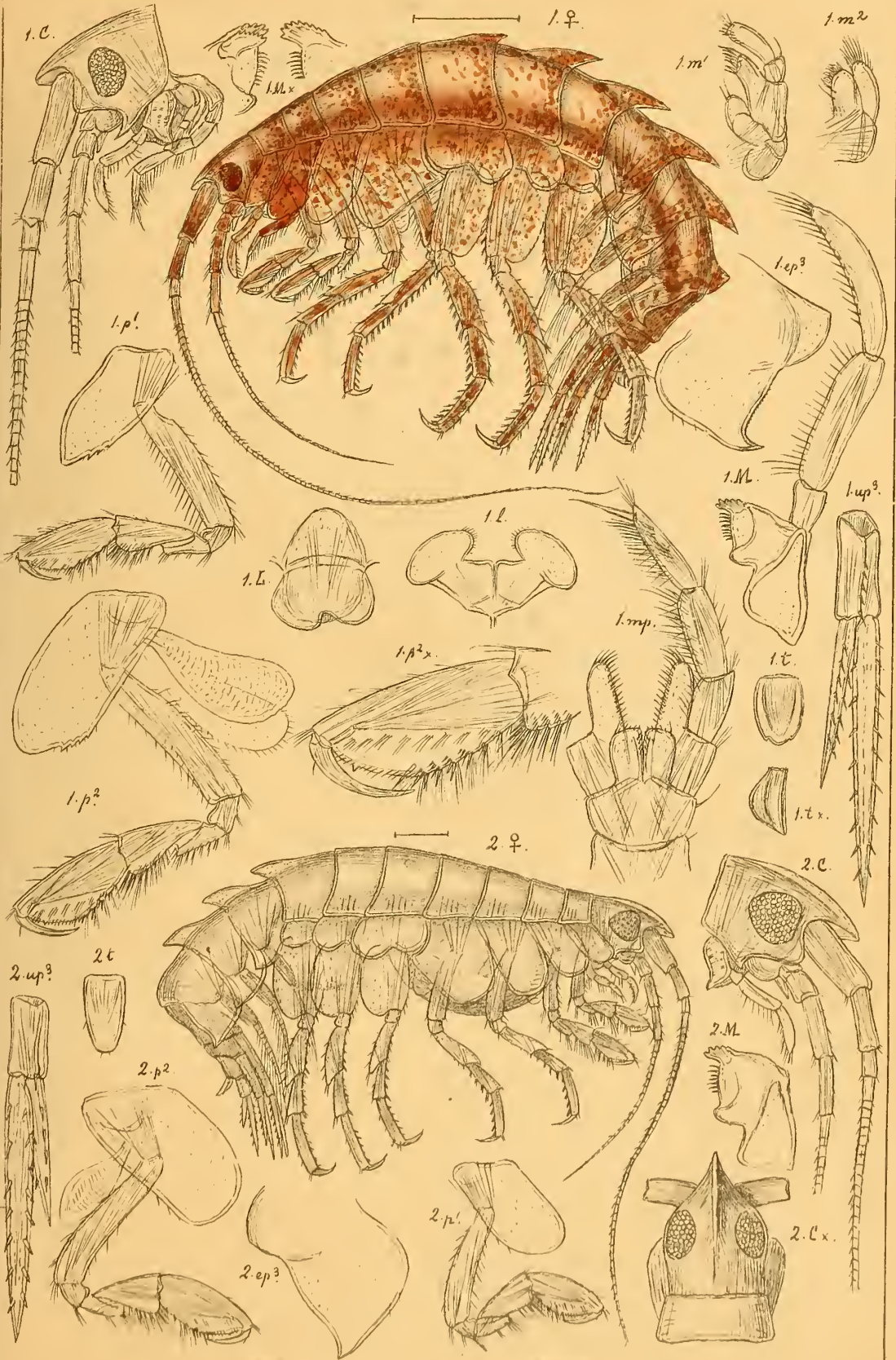
2. *Aceropsis latipes*, G.O.Sars.

A. 11. 11. 11.



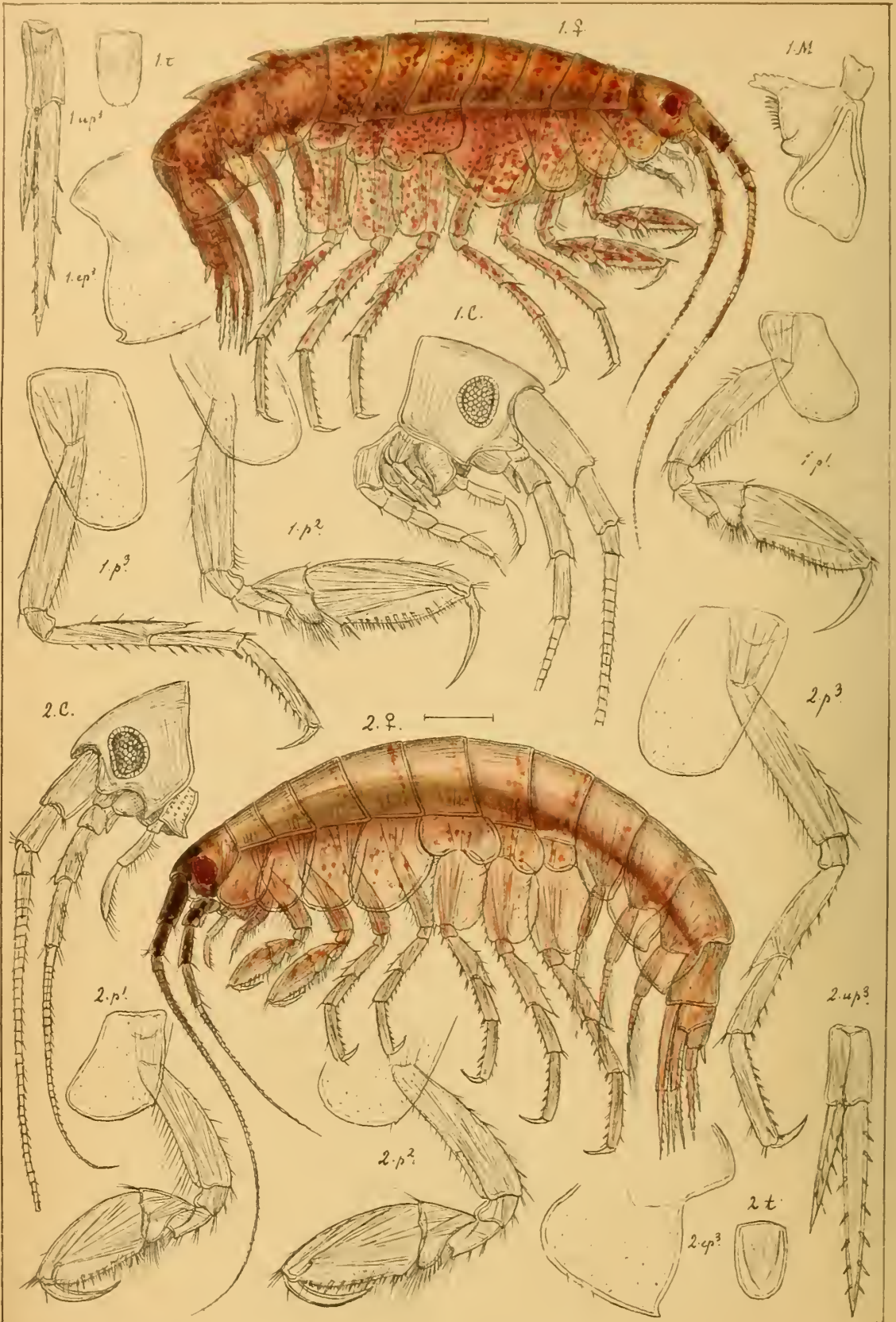
G.O. Sars autogr.

Pleustes panoplus, (Kröyer.)



G.O Sars autogr.

1. *Paramphithoë pulchella*, (Kröyer).
2. *Paramphithoë Boeckü*, Hansen.



G.O.Sars autogr.

1. *Paramphithoë bicuspis*, (Kröyer).

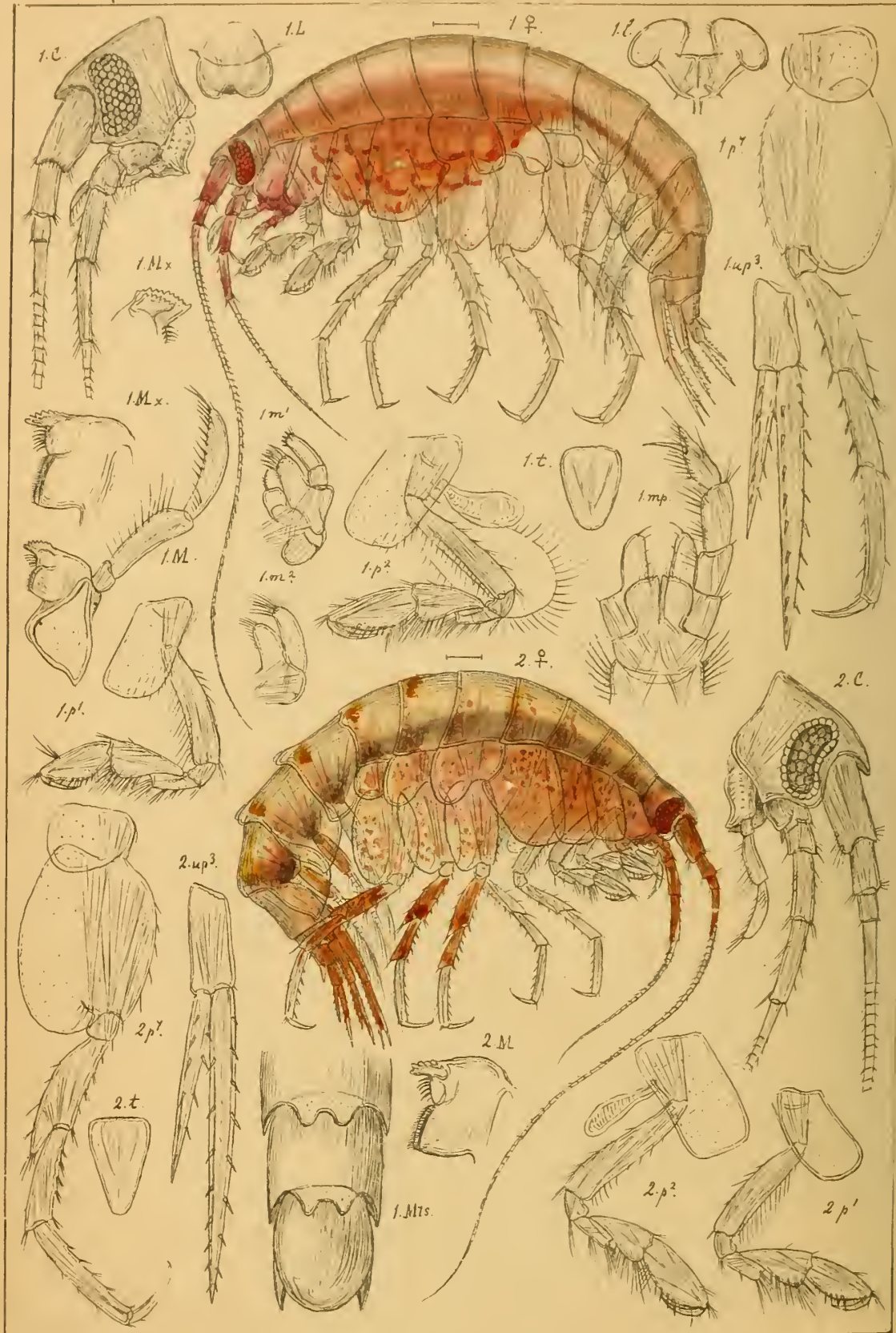
2. *Paramphithoë monocuspis*, n. sp.



G.O.Sars autogr.

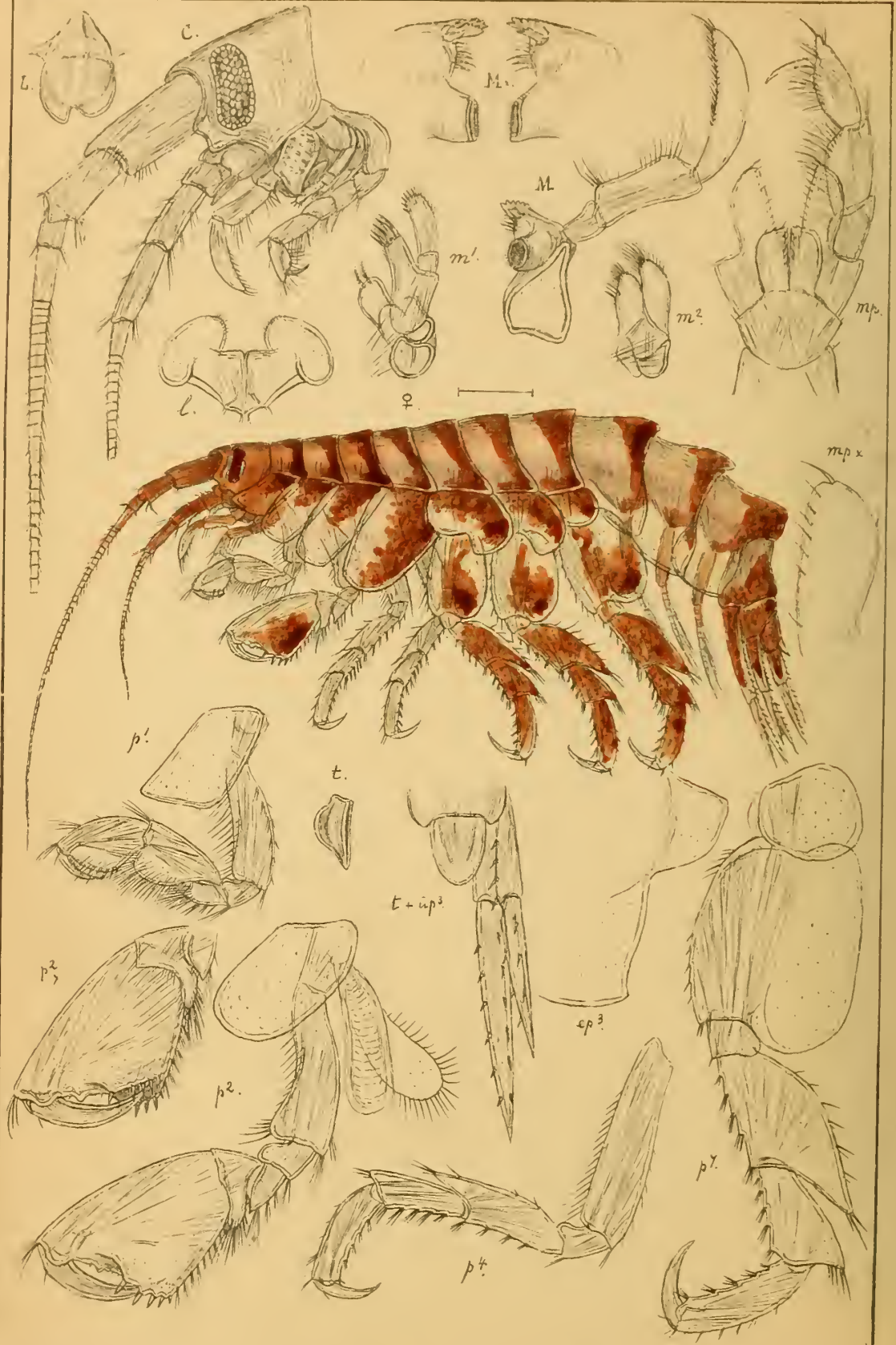
1. *Paramphithoë assimilis*, G.O.Sars.

2. *Paramphithoë brevicornis*, G.O.Sars.



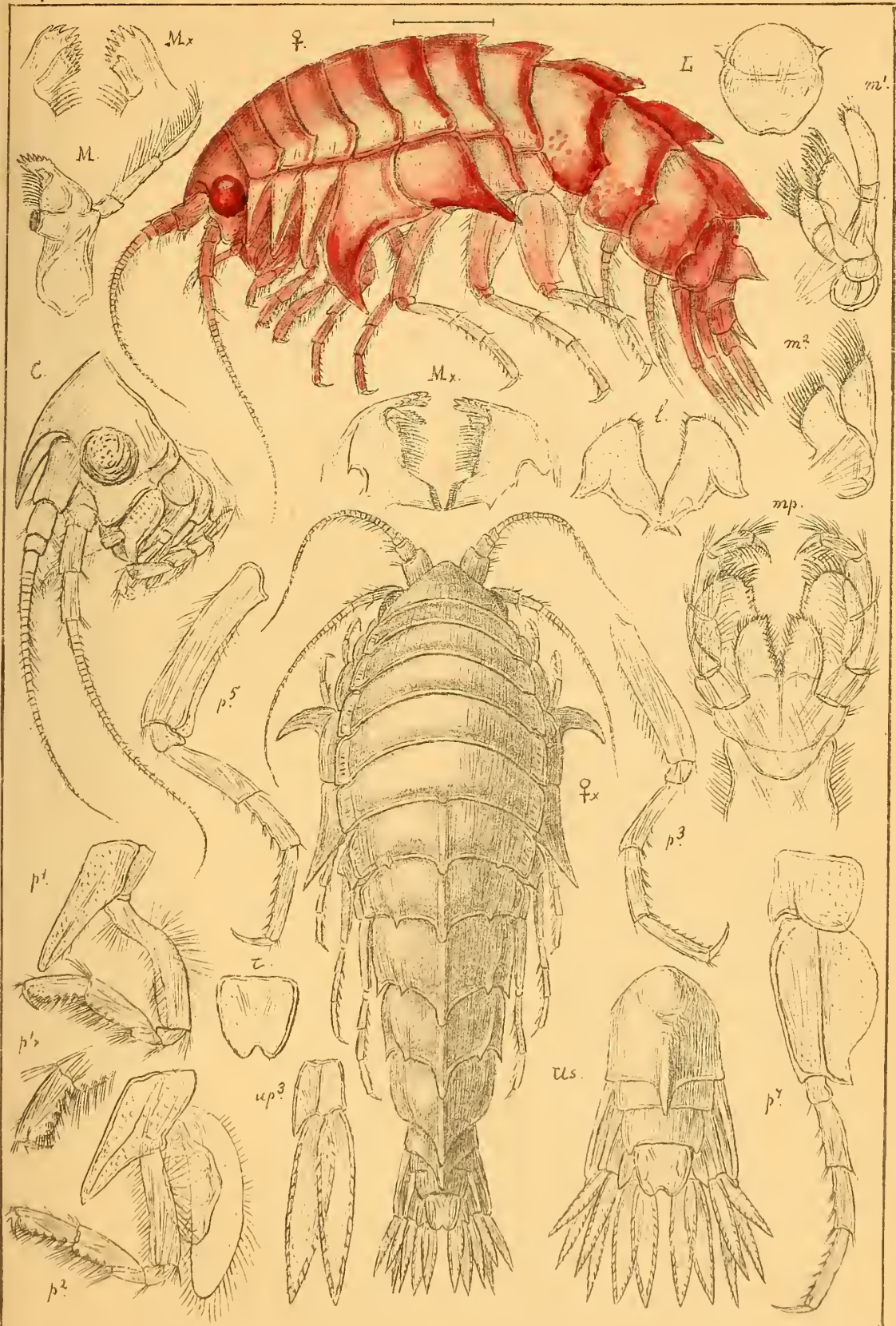
G.O.Sars autogr.

1. *Stenopleustes malmgreni*, (Boeck).
2. *Stenopleustes nodifer*, G.O.Sars.



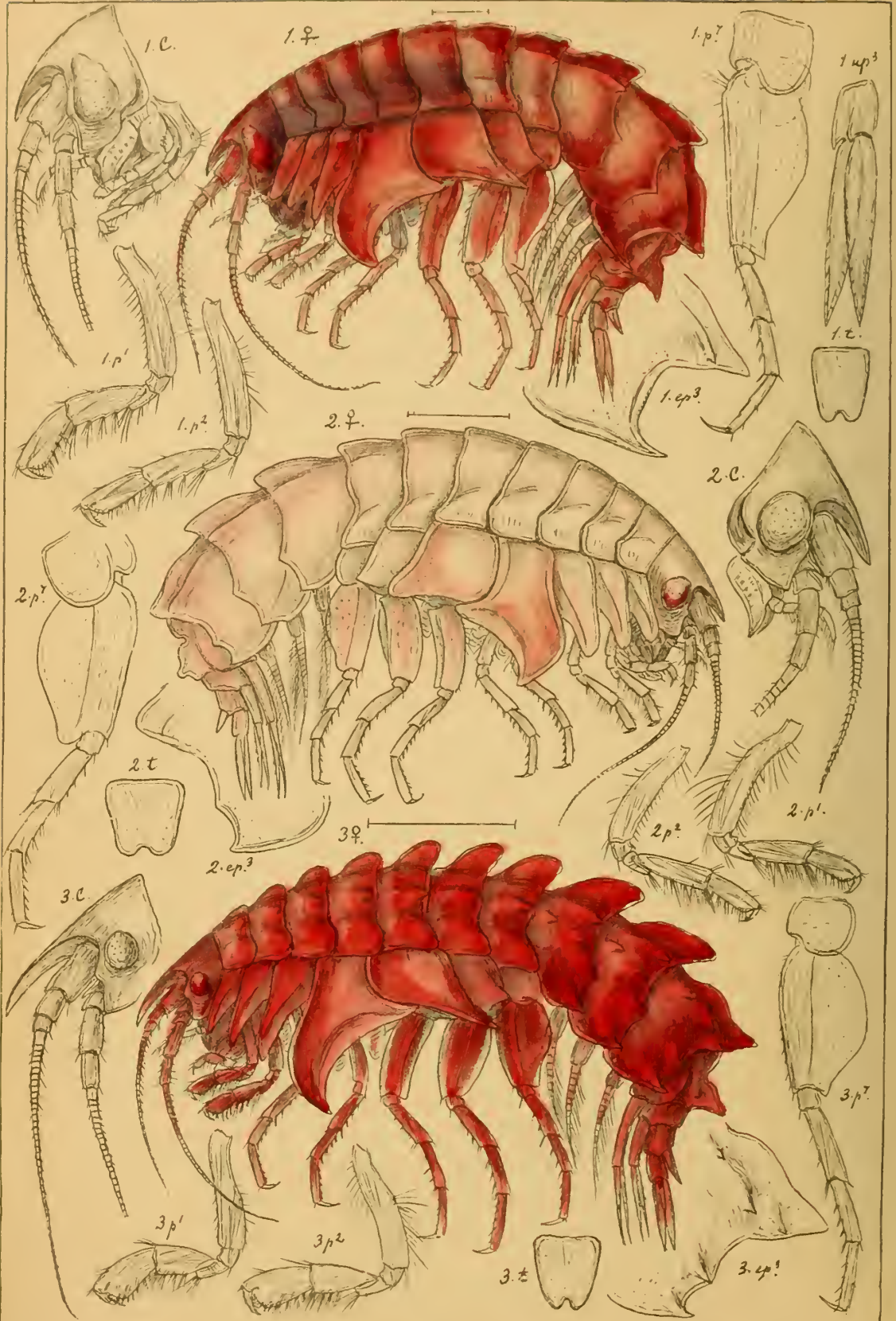
G.O. Sars autogr.

Parapleustes latipes, (M. Sars).

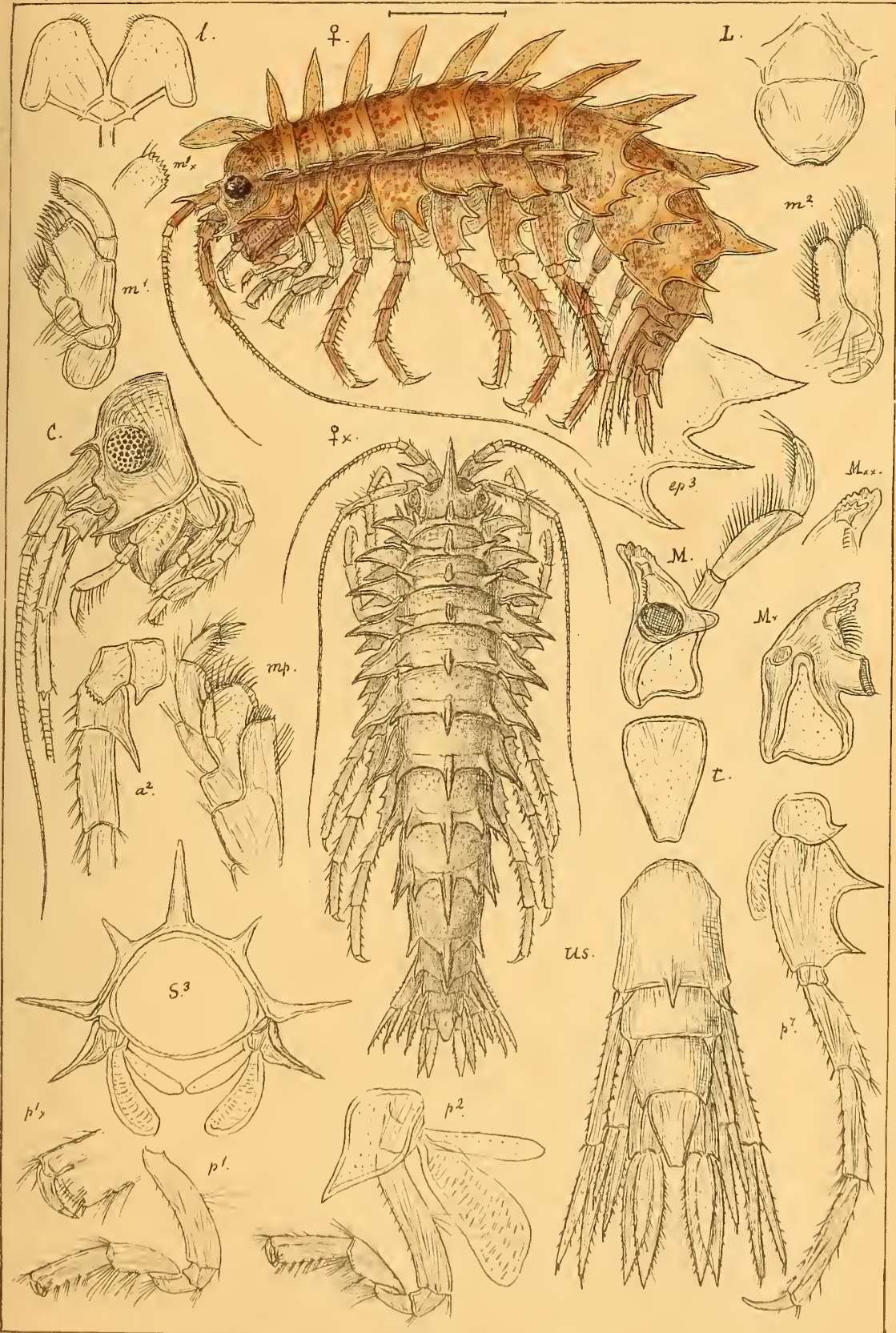


G.O Sars autogr.

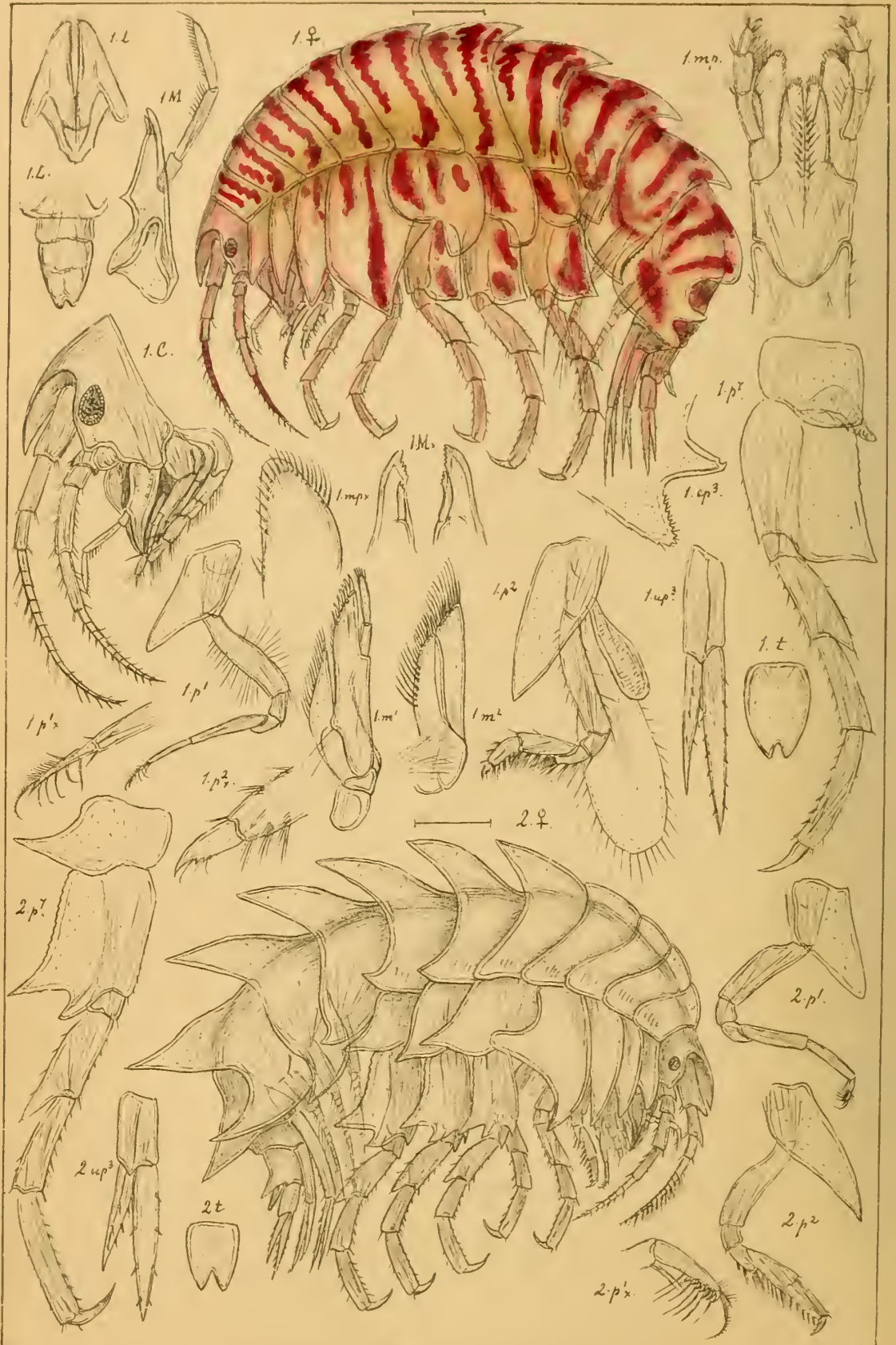
Epimeria cornigera, (Fabr.).



G.O.Sars autogr. 1. *Epimeria parasitica*, (M.Sars.)
 2. *Epimeria tuberculata*, n.sp.
 3. *Epimeria loricata*, G.O.Sars.



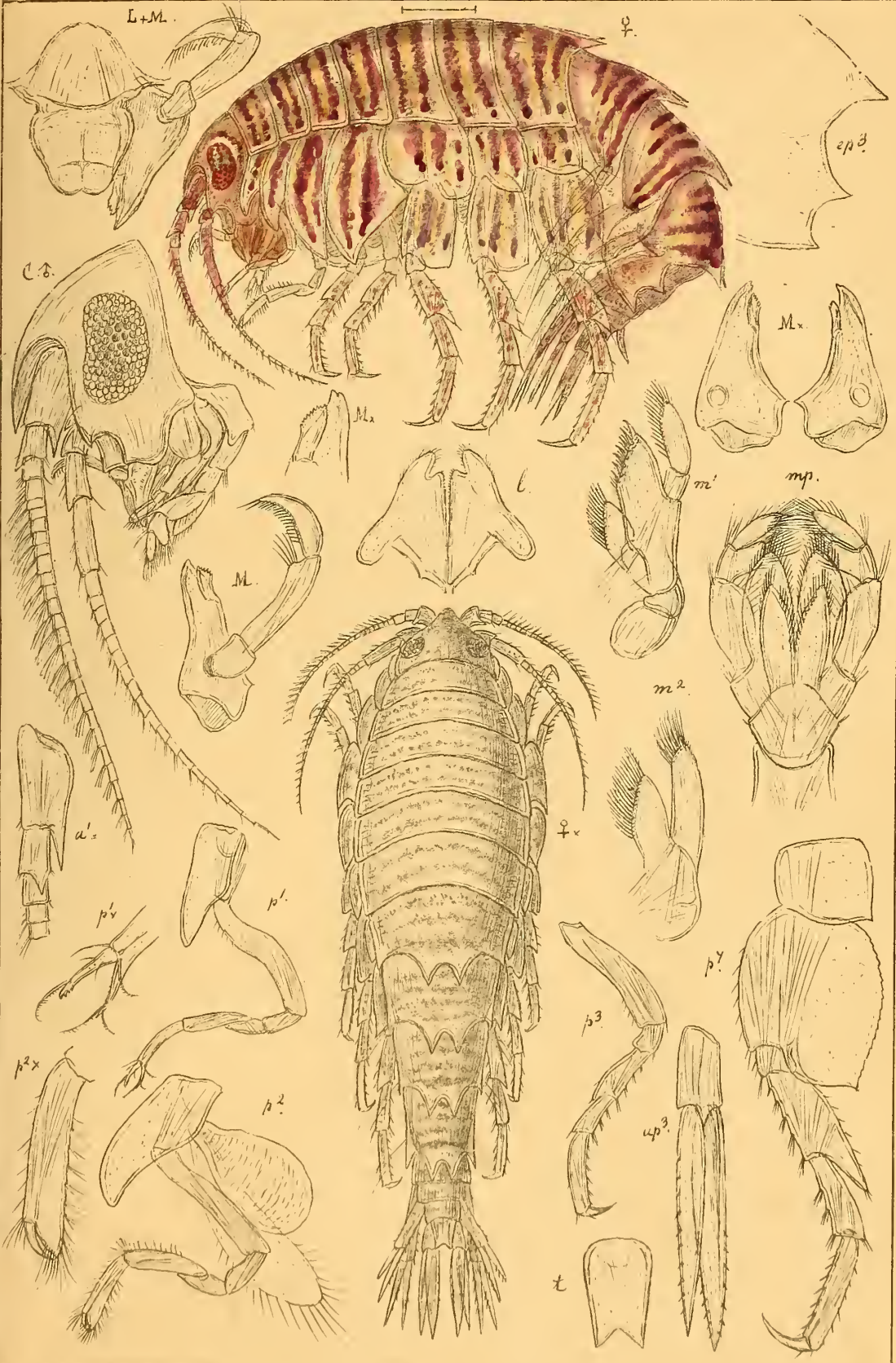
G.O. Sars autogr. *Acanthozone cuspidata*, (Lepechin.)



G. J. Sars autogr.

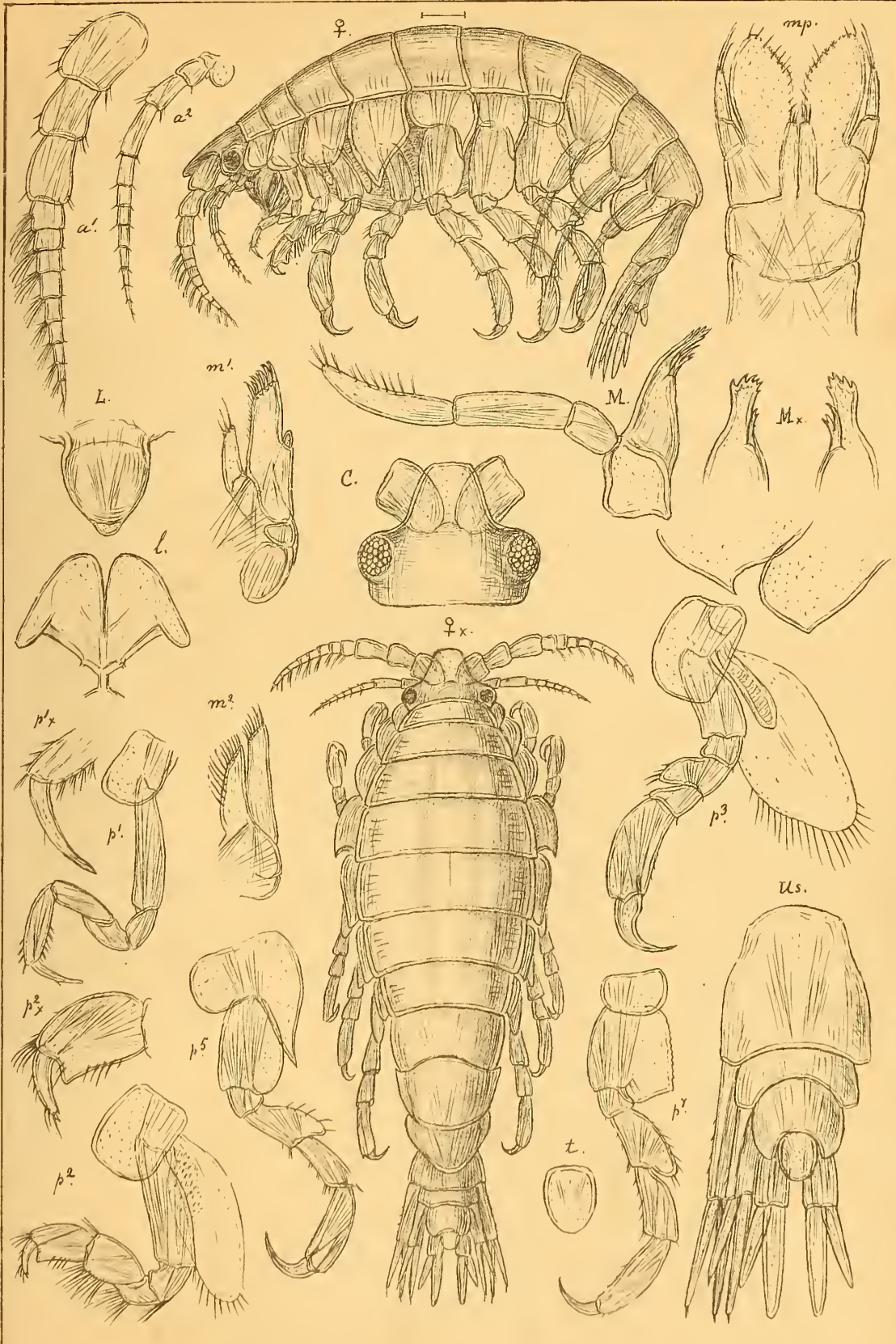
1. *Acanthonotosoma serratum*, (Fabr.)

2. *Acanthonotosoma cristatum*, (Owen.)



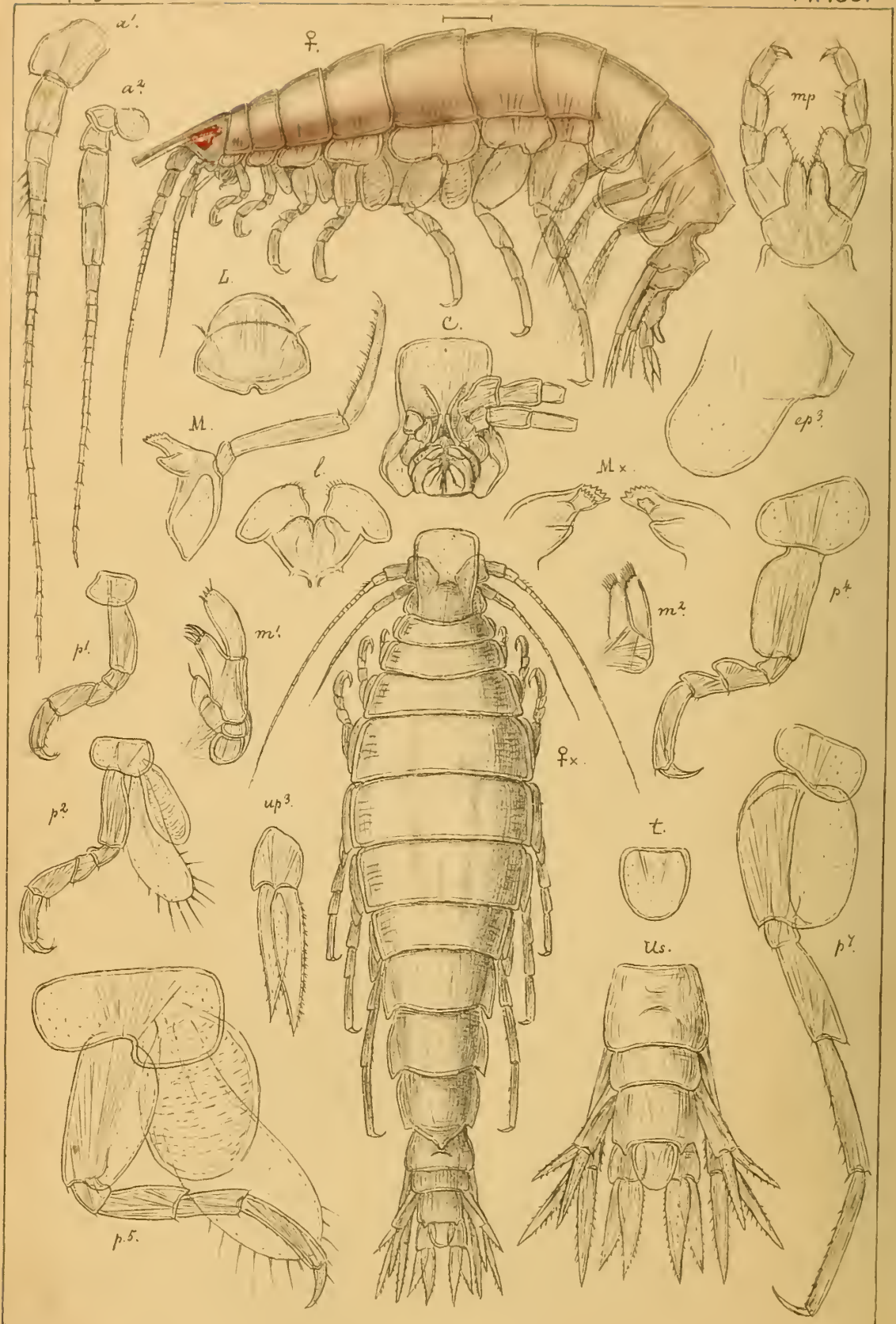
G.O. Sars autogr.

Iphimedia obesa, Rathke.



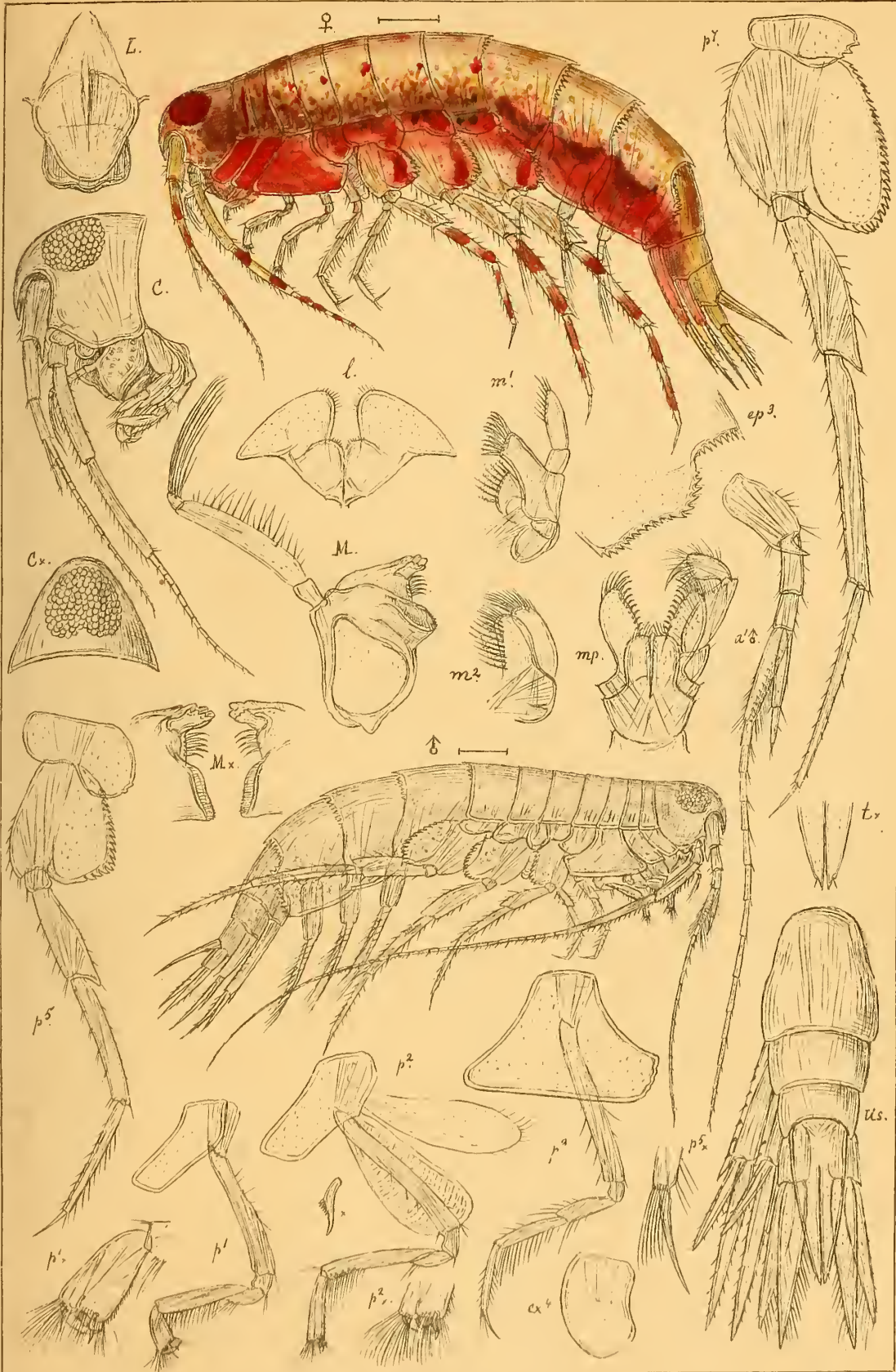
G.O.Sars autogr.

Laphystius sturionis, Kröyer.



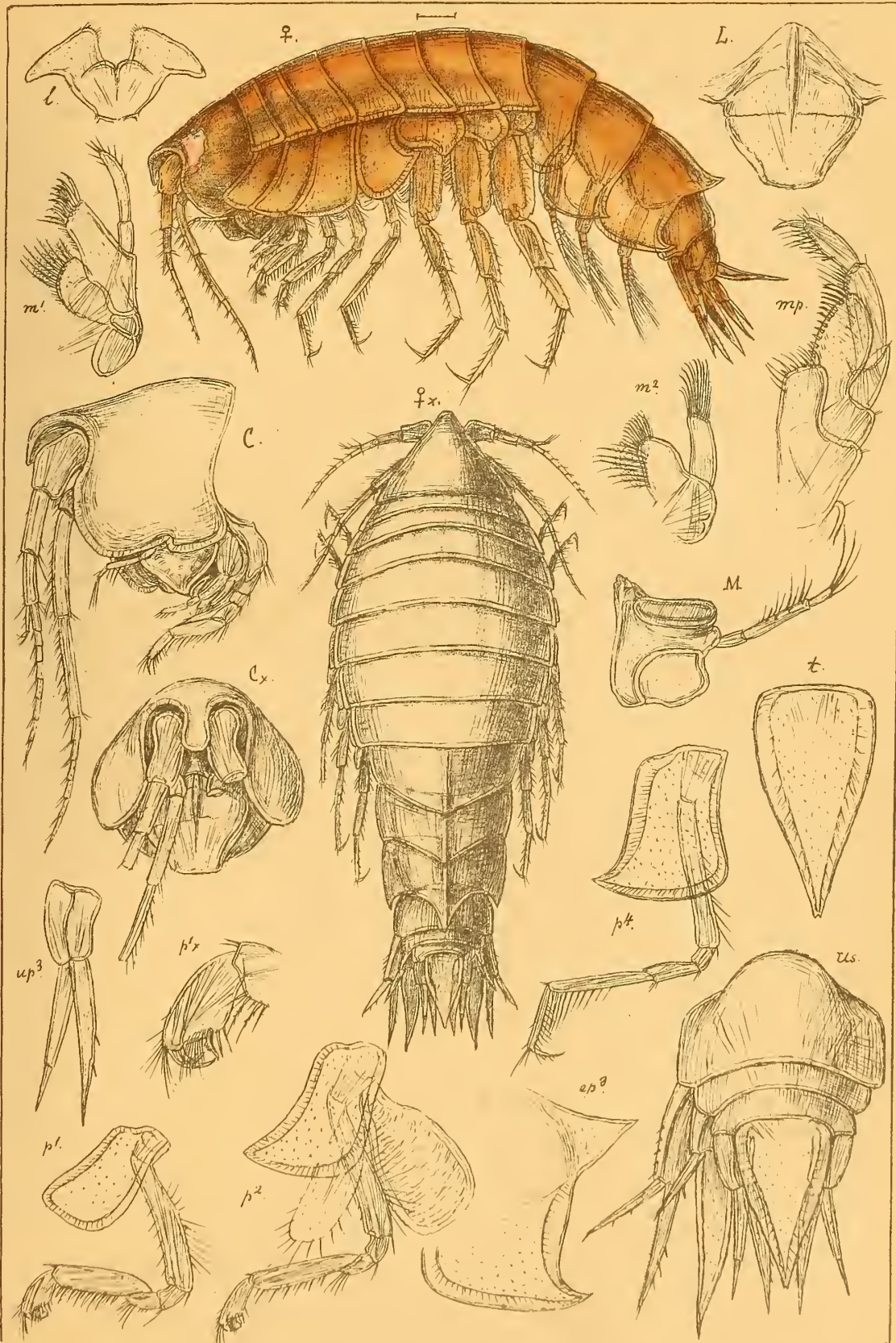
G.O.Sars autogr.

Laphystiopsis planifrons, n.gen. & sp.



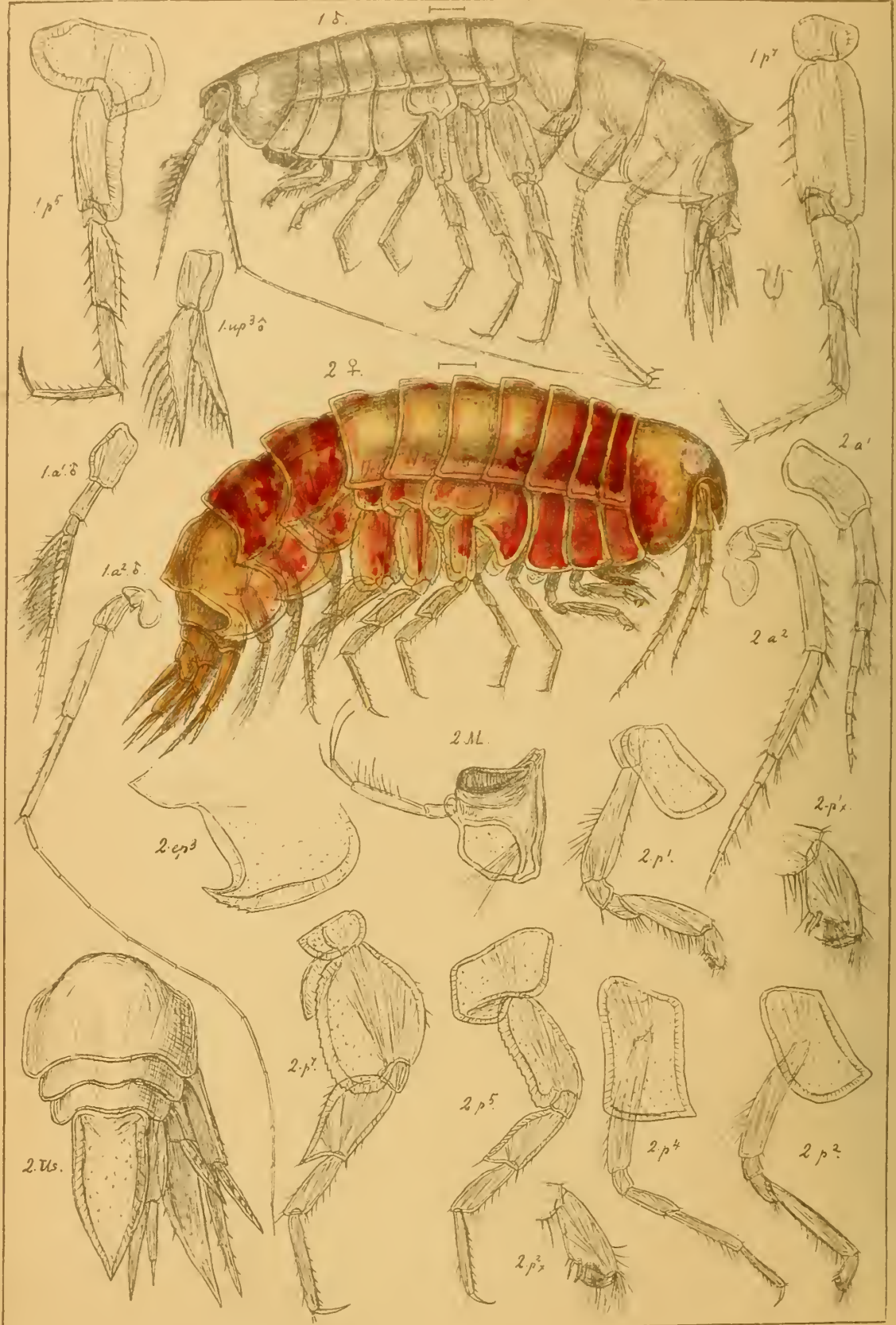
G.O.Sars autogr.

Syrrhoë crenulata, Goës.



G.O.Sars autogr.

Bruzelia typica, Boeck.



G.O.Sars autogr.

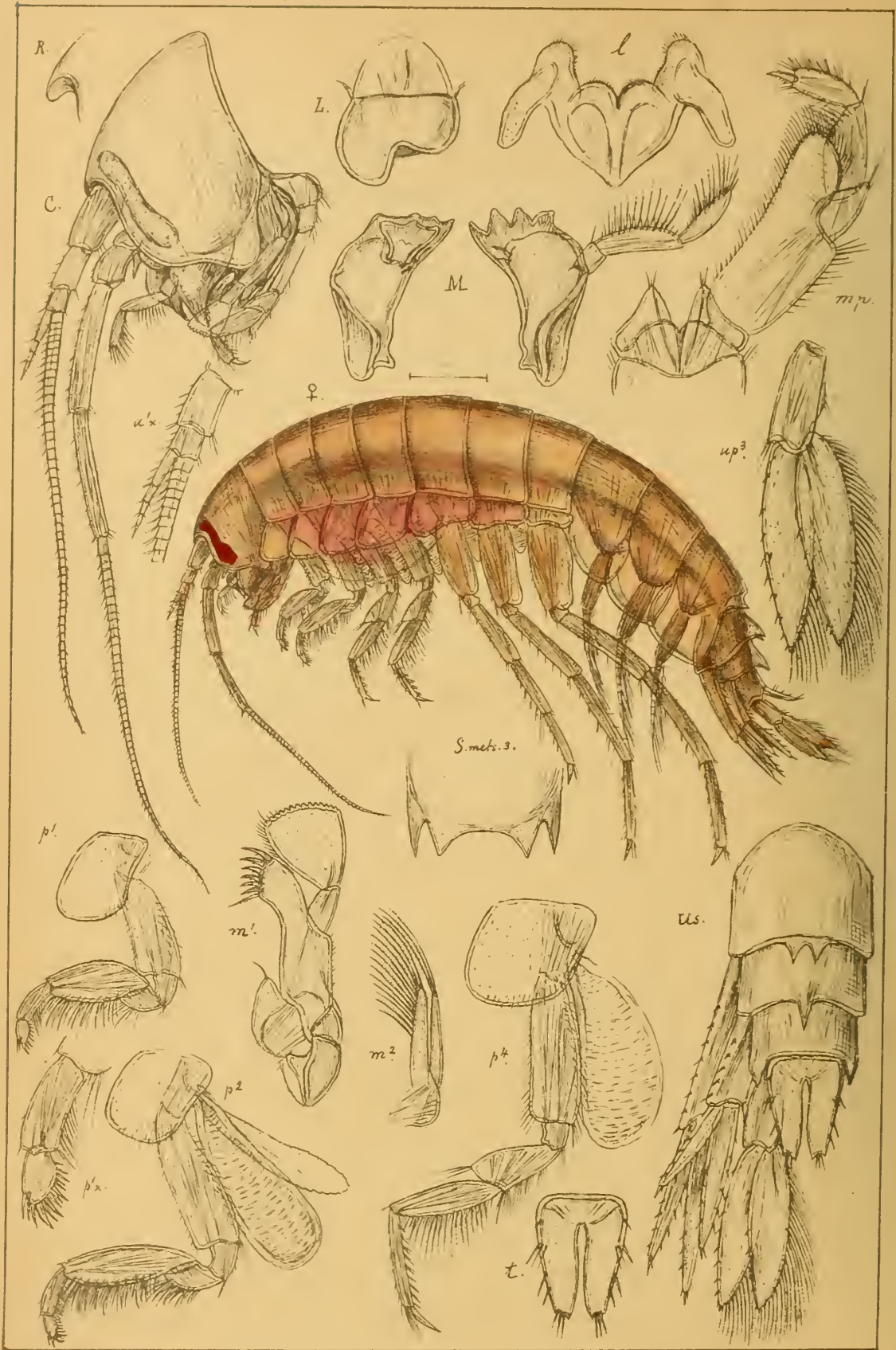
1. *Bruzelia typica*, Boeck.

2. *Bruzelia tuberculata*, G.O.Sars.



G.O. Sars autogr.

Tiron acanthurus (Stimpson) 1853
Lilljeborg.



G.O.Sars autogr.

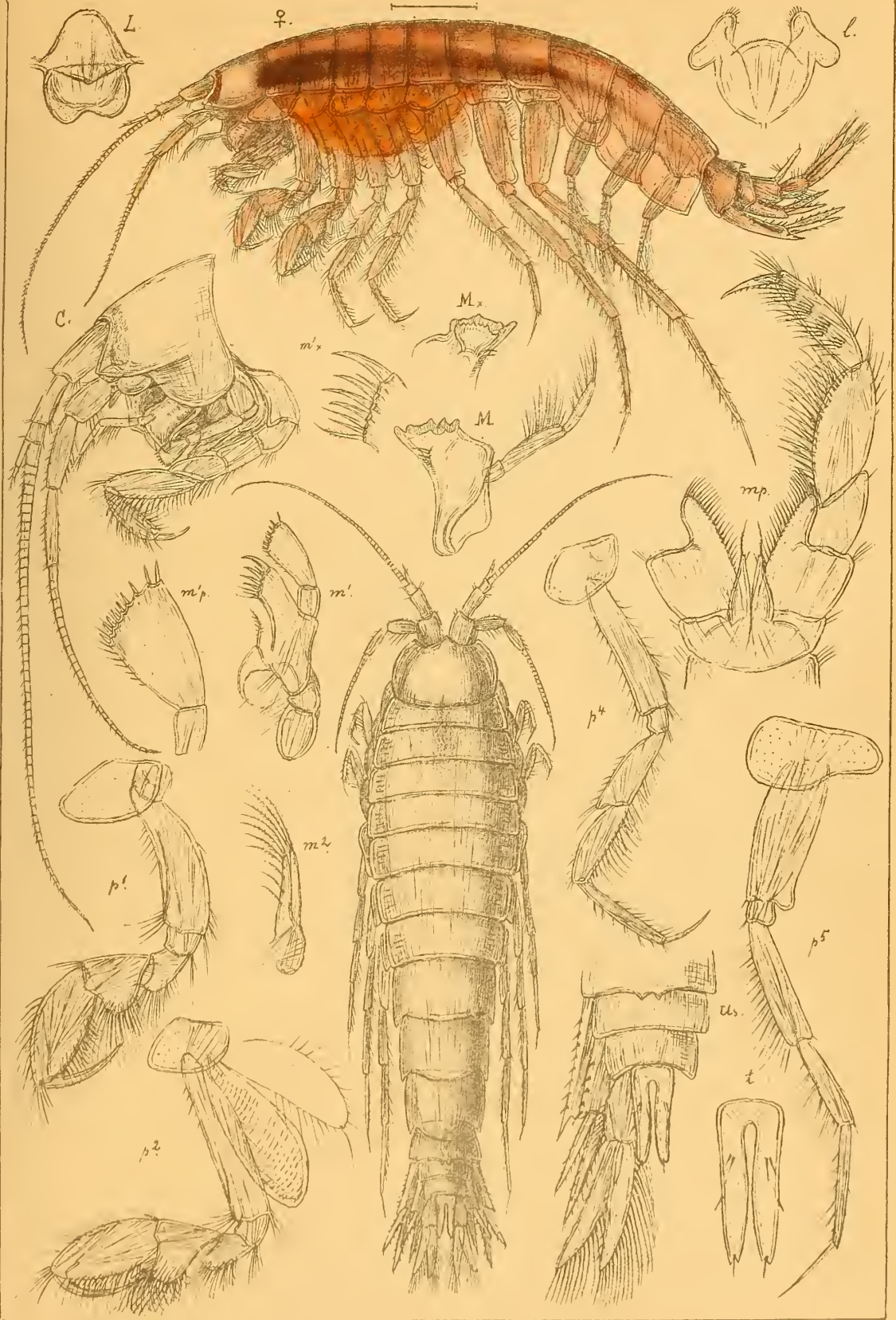
Pardaliscia cuspidata, Kröyer.



G.O.Sars autogr.

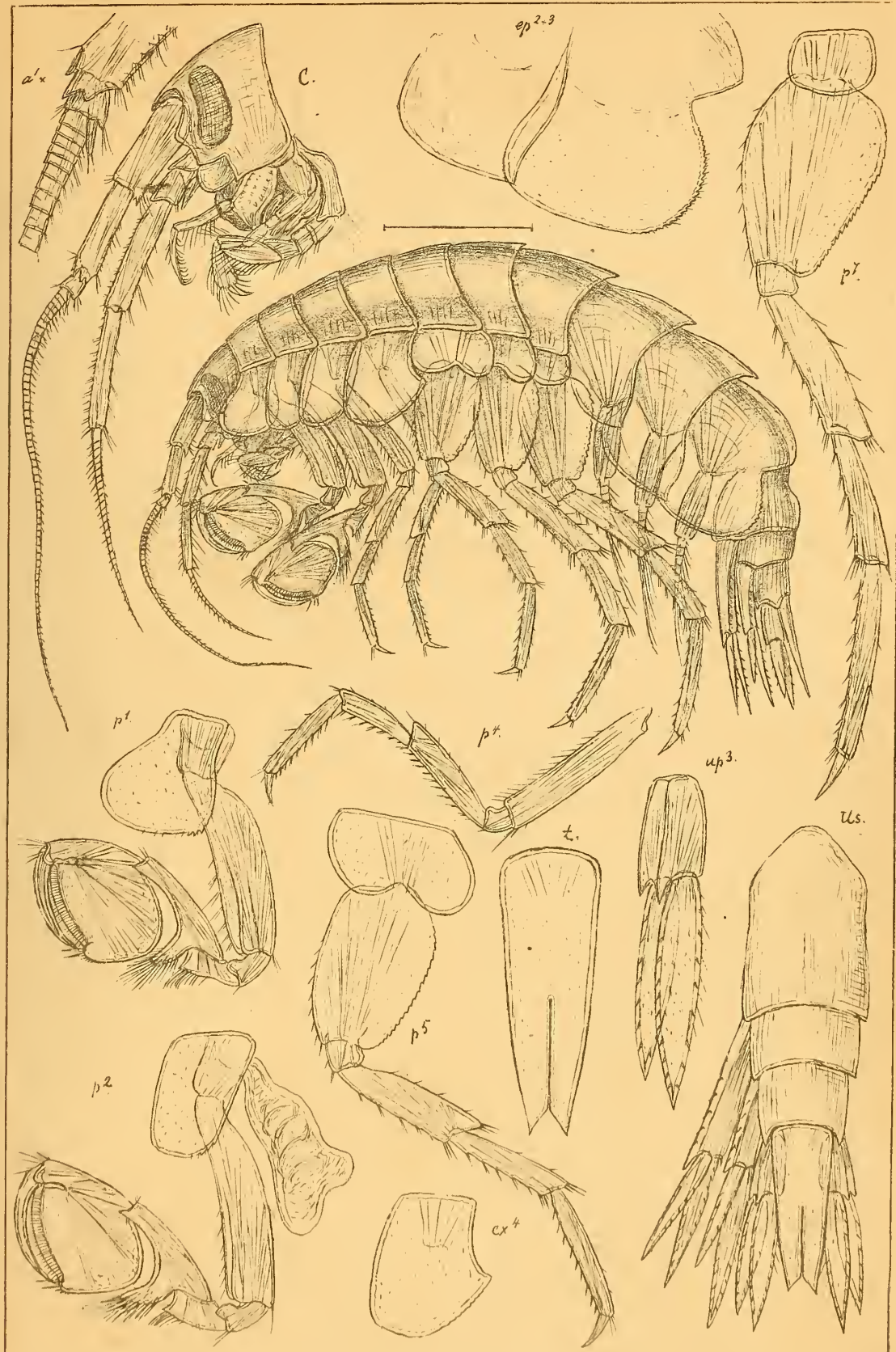
1. *Pardaliscia abyssi*, Boeck.

2. *Pardaliscella Boeckii*, (Malm.)

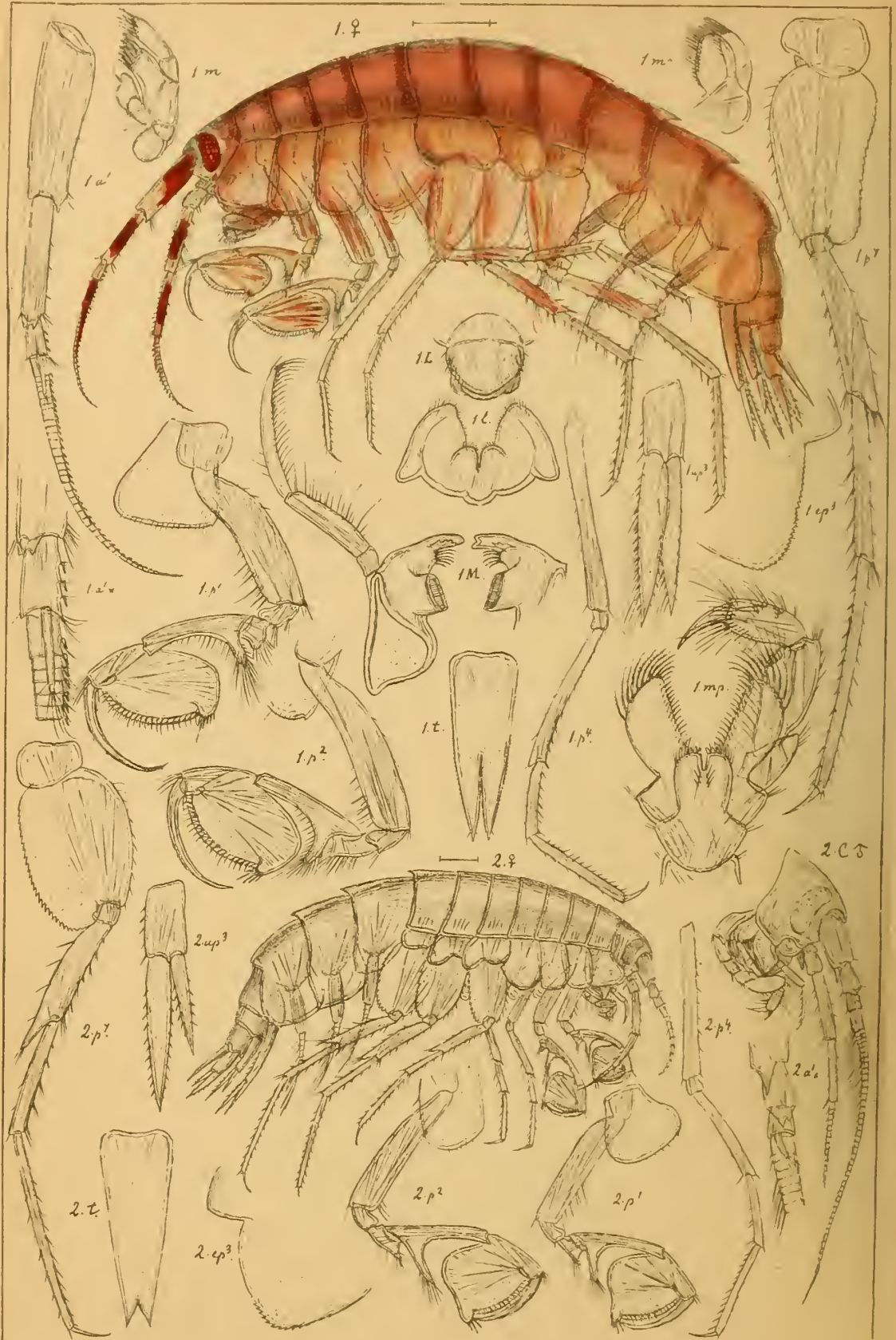


GO Sars autogr

Nicippe tumida, Bruzelius.

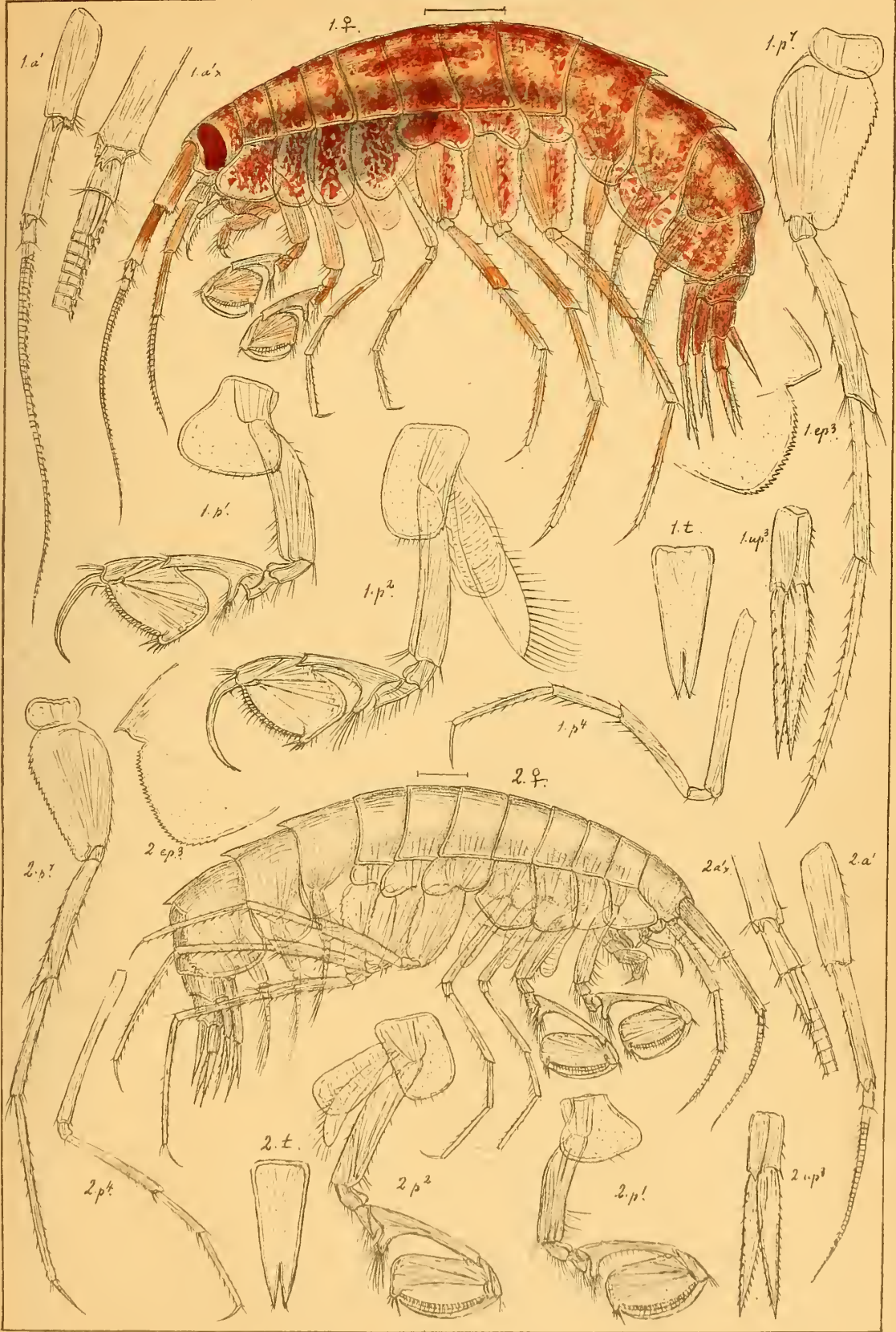


G.O.Sars autogr. *Eusirus cuspidatus*, Kröyer.

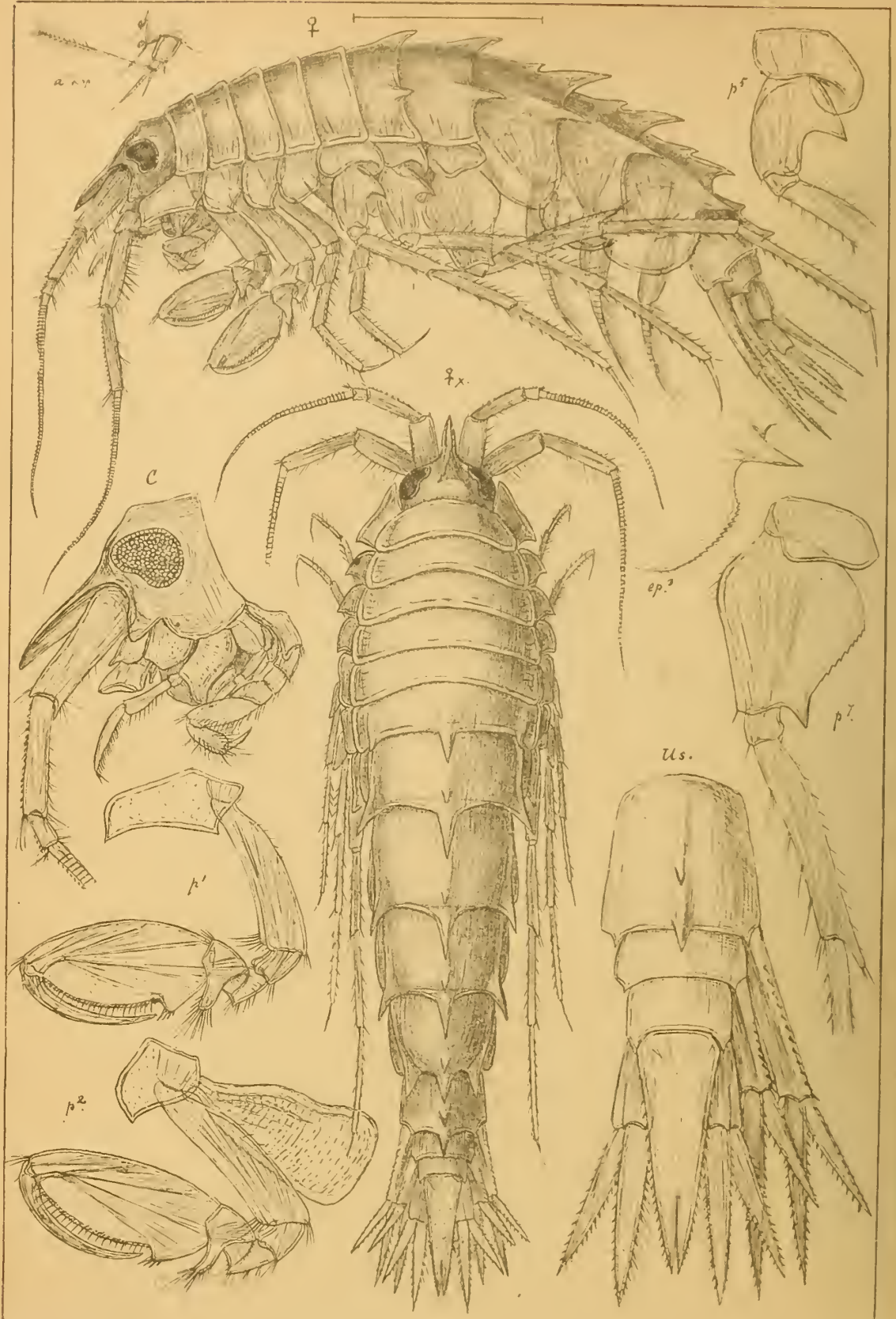


G.O.Sars autogr.

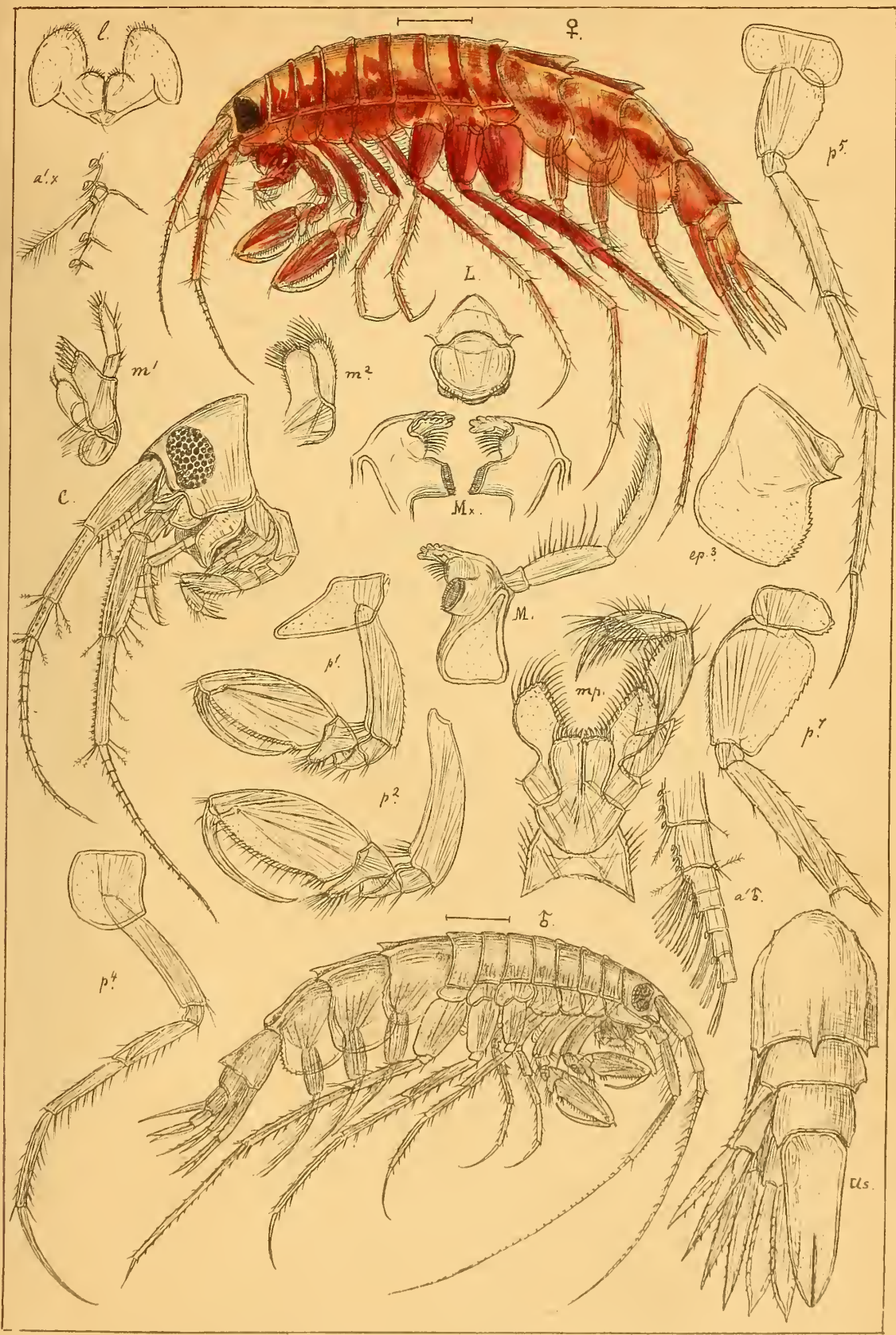
1. *Eusirus propinquus*, n.sp.
2. *Eusirus minutus*, n.sp.



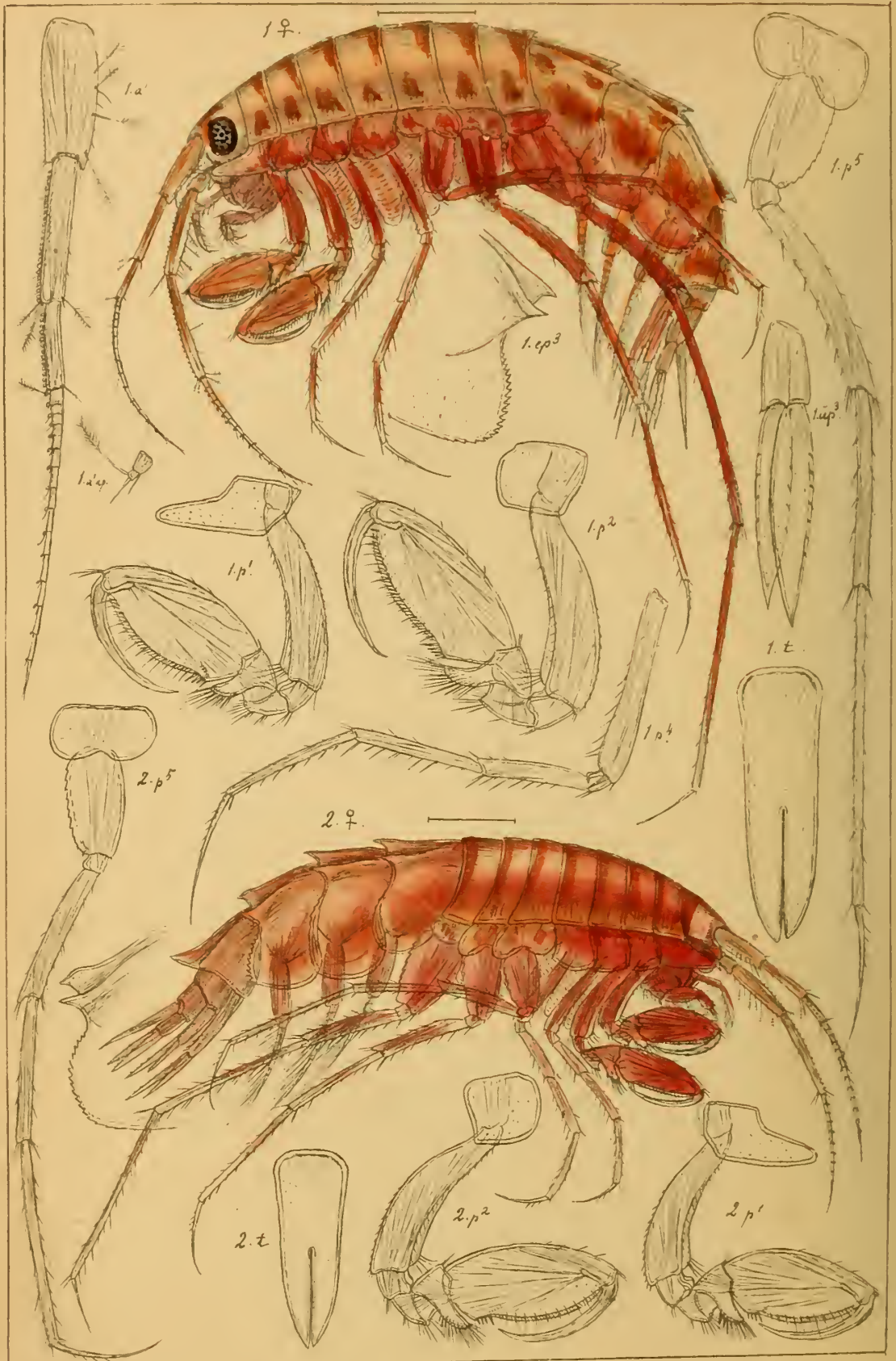
G.O.Sars autogr. 1. *Eusirus longipes*, Boeck.
 2. *Eusirus leptocarpus*, n. sp.



G.O.Sars autogr. *Rhachotropis aculeata* (Lepechin.)



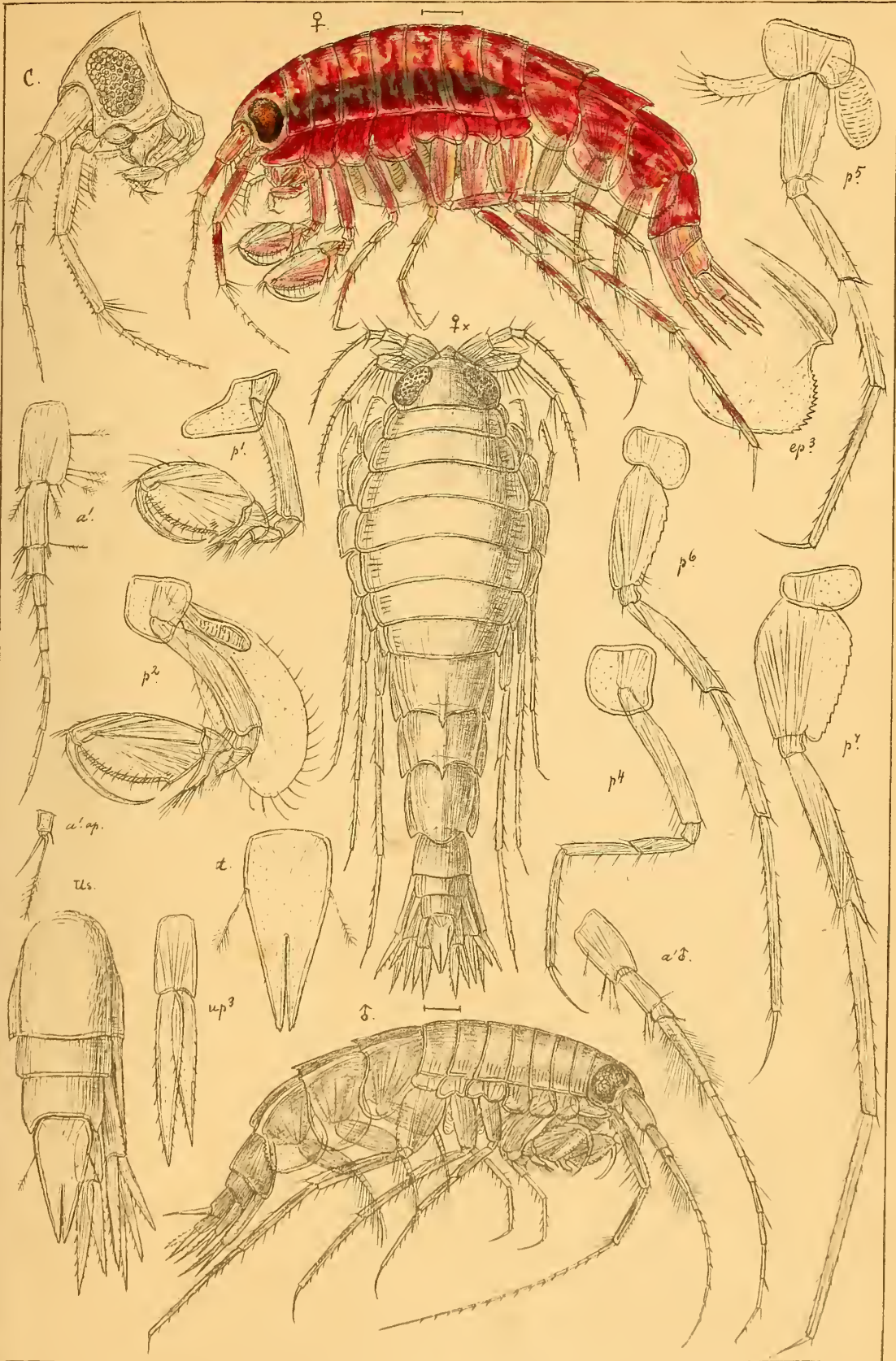
G.O.Sars autogr. *Rhachotropis Halleri*, (Boeck.)



G.O.Sars autogr.

1. *Rhachotropis macropus*, n. sp.

2. *Rhachotropis leucophthalma*, n. sp.



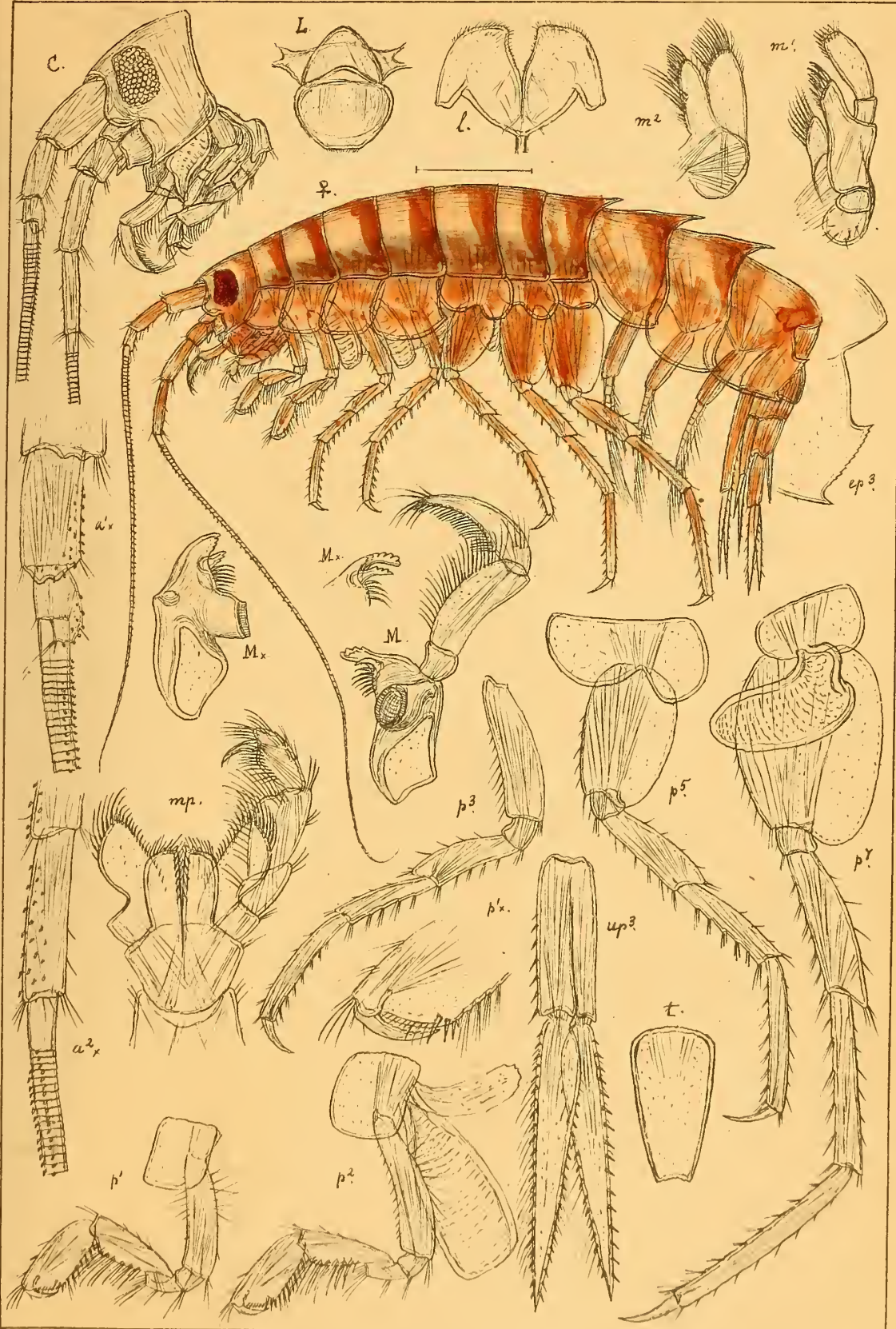
G.O.Sars autogr.

Rhachotropis tumida, G.O.Sars.

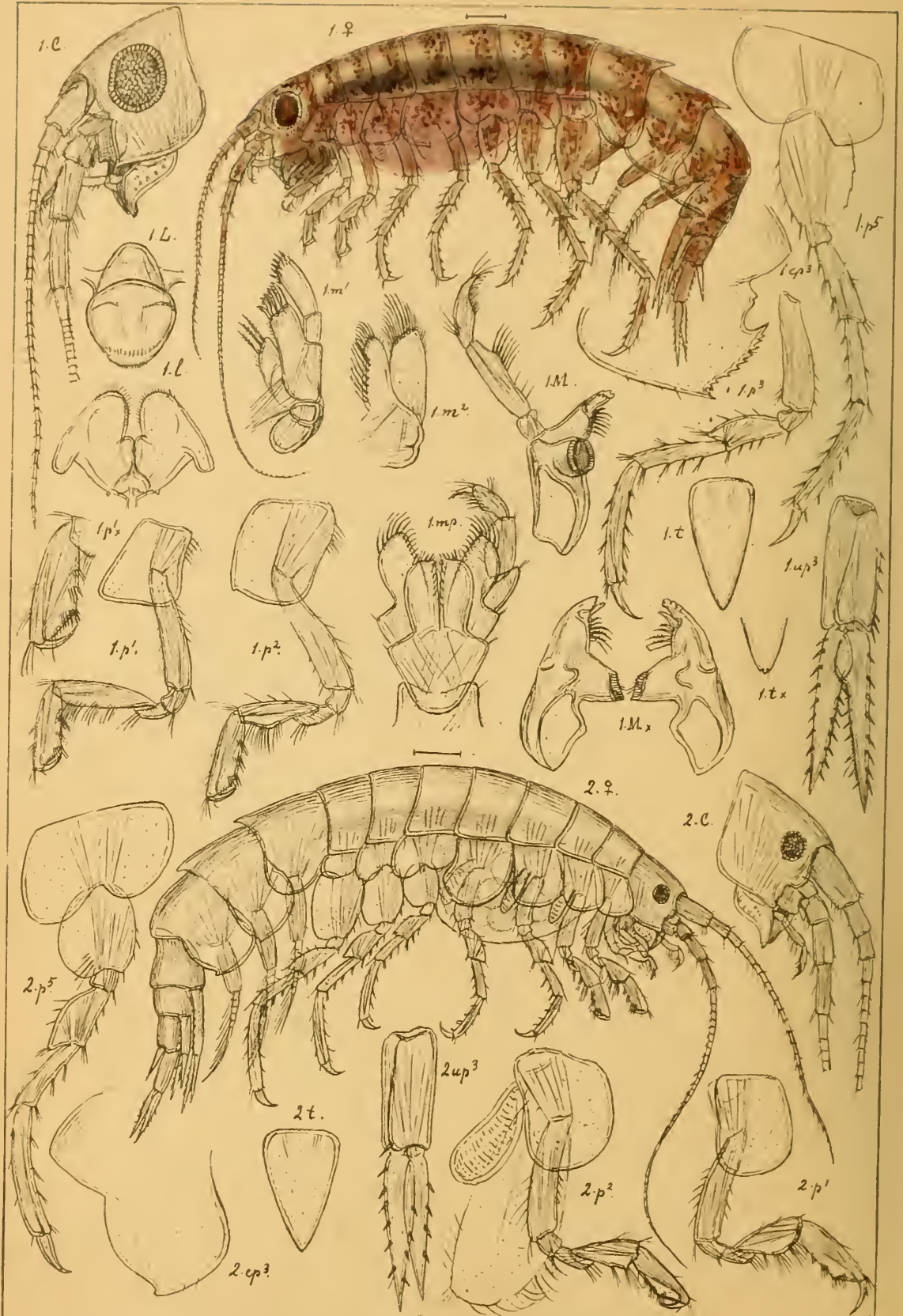


G.O. Sars autogr.

Haliragoides inermis, G.O. Sars.



G.O.Sars autogr. *Halirages fulvocinctus*, (M.Sars.)

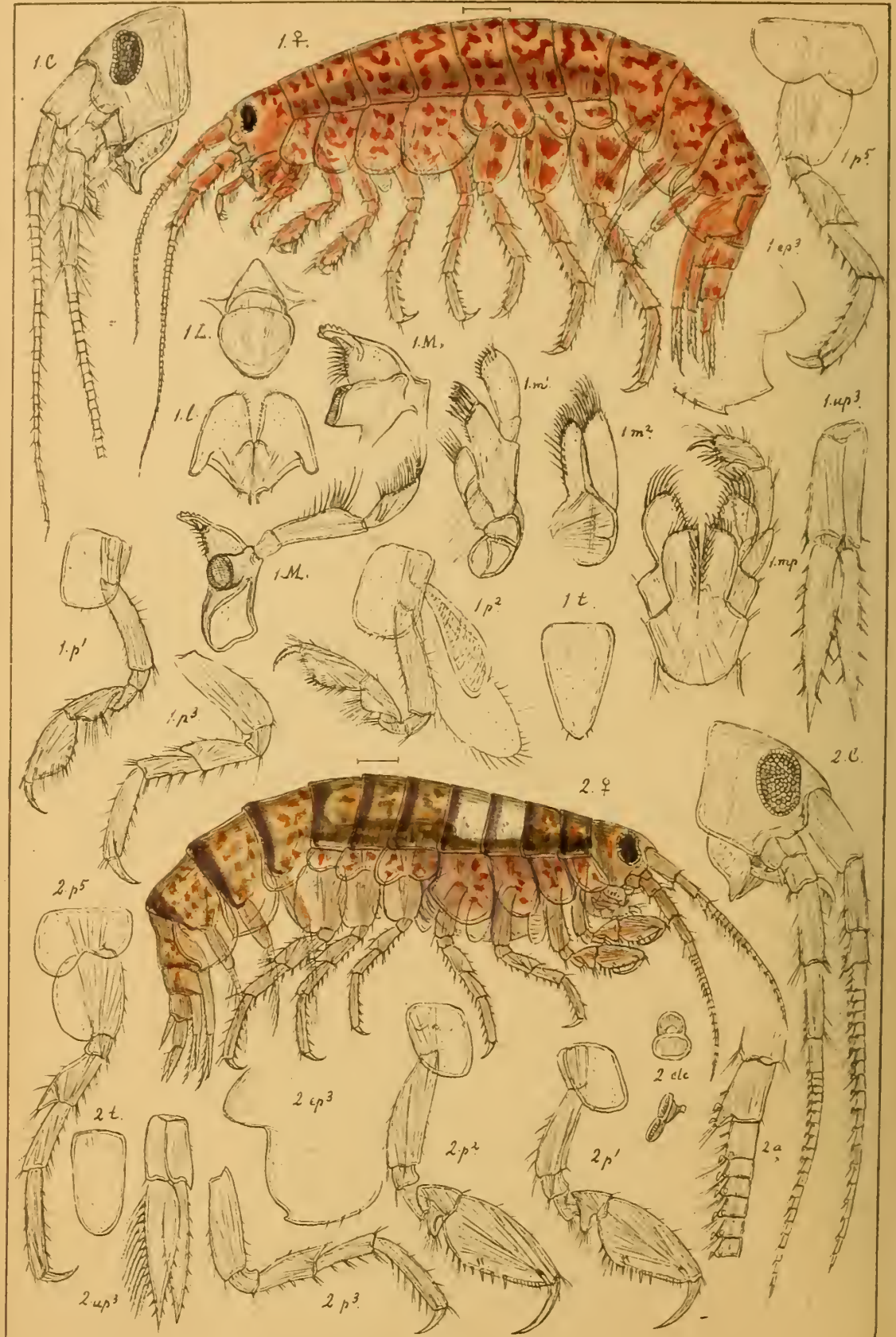


G.O.Sars autogr. 1. *Apherusa bispinosa*, (Sp. Bate.)
 2. *Apherusa borealis*, (Boeck.)

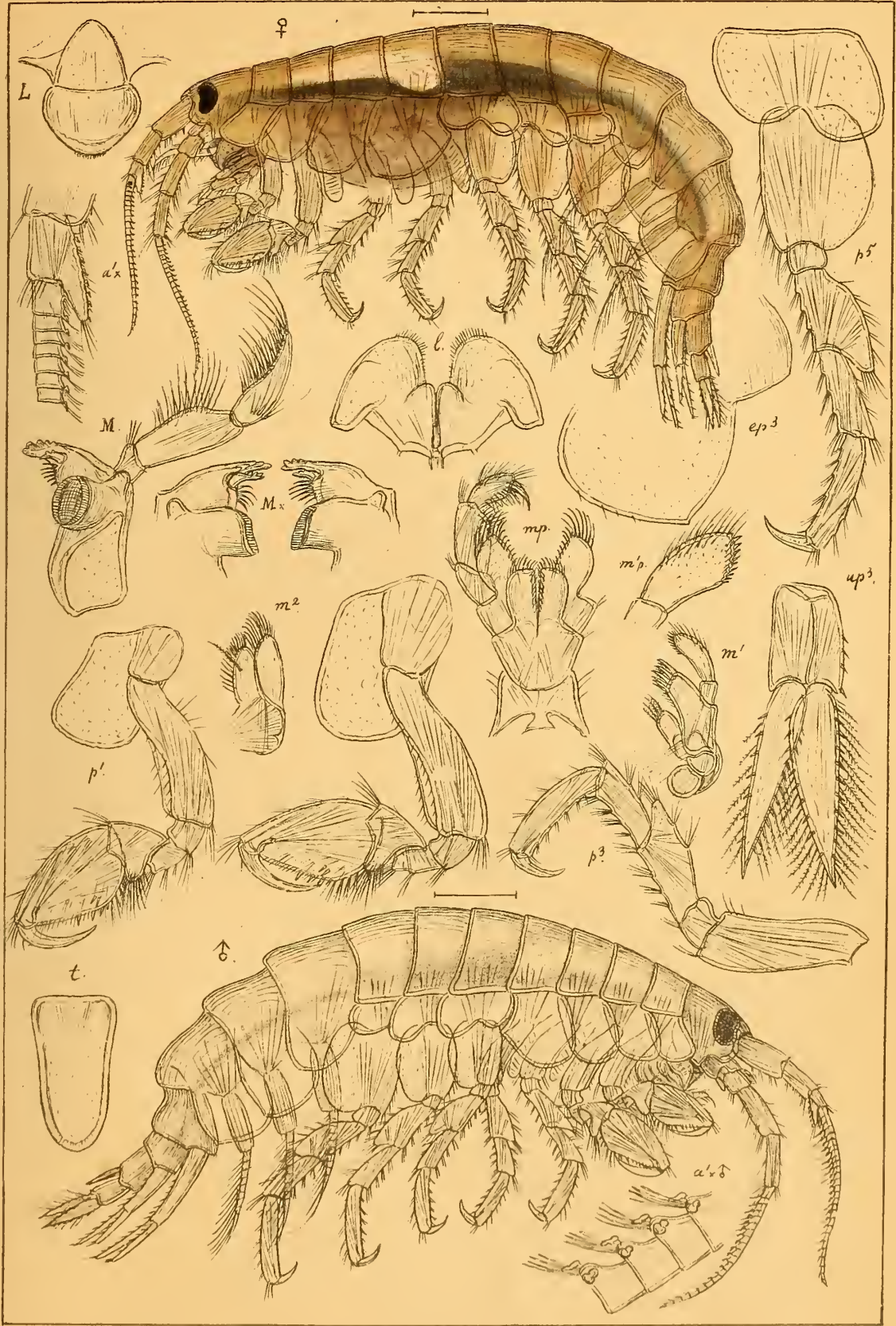


G.O.Sars autogr.

- 1. *Apherusa tridentata*, (Bruz.)
- 2. *Apherusa megalops*, G.O.Sars.

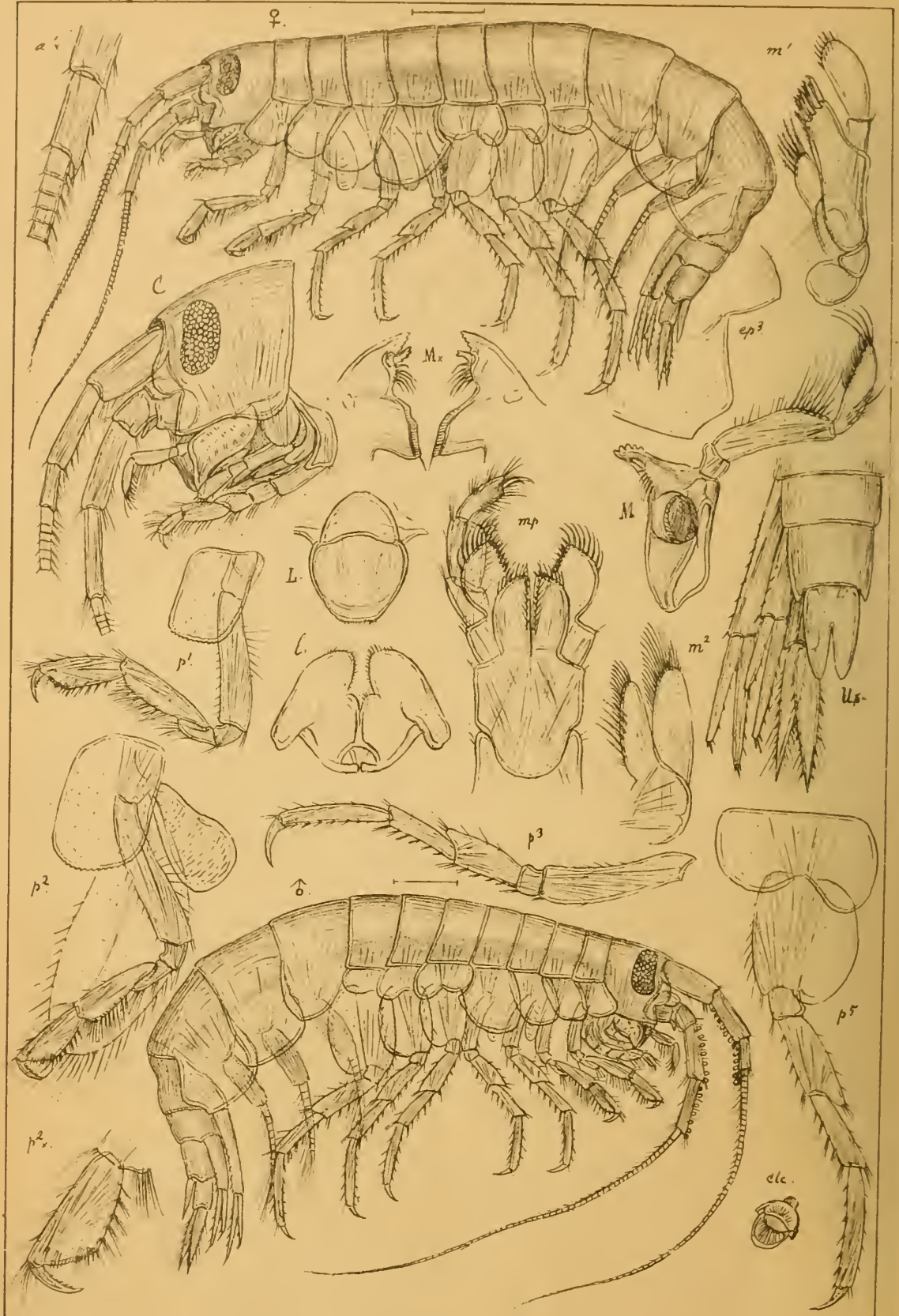


G.O.Sars autogr. 1. *Apherusa Jurinii*, (M-Edw.).
 2. *Calliopius Rathkei*, (Zaddach.)

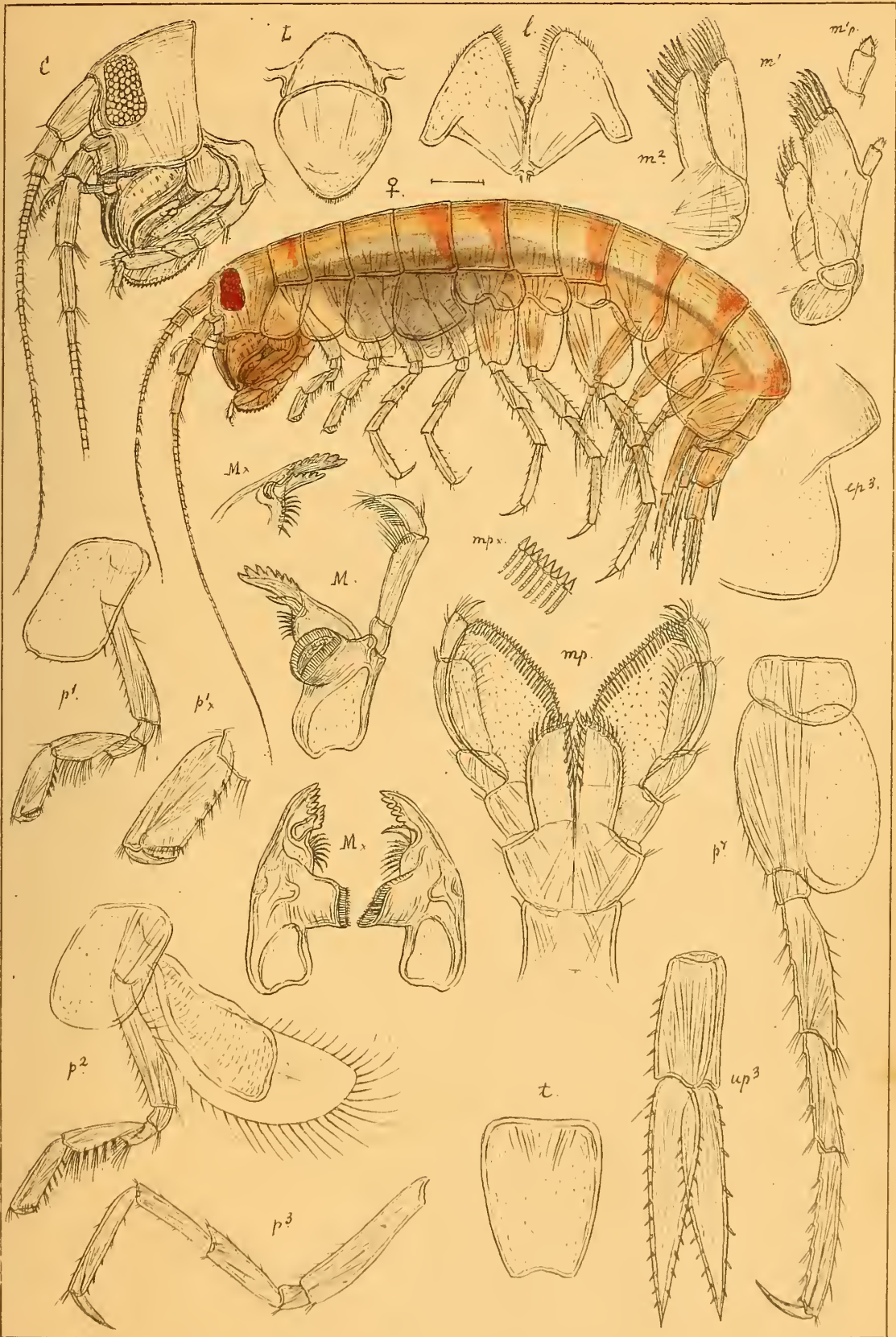


G.O.Sars autogr.

Calliopius læviusculus, (Krøyer.)

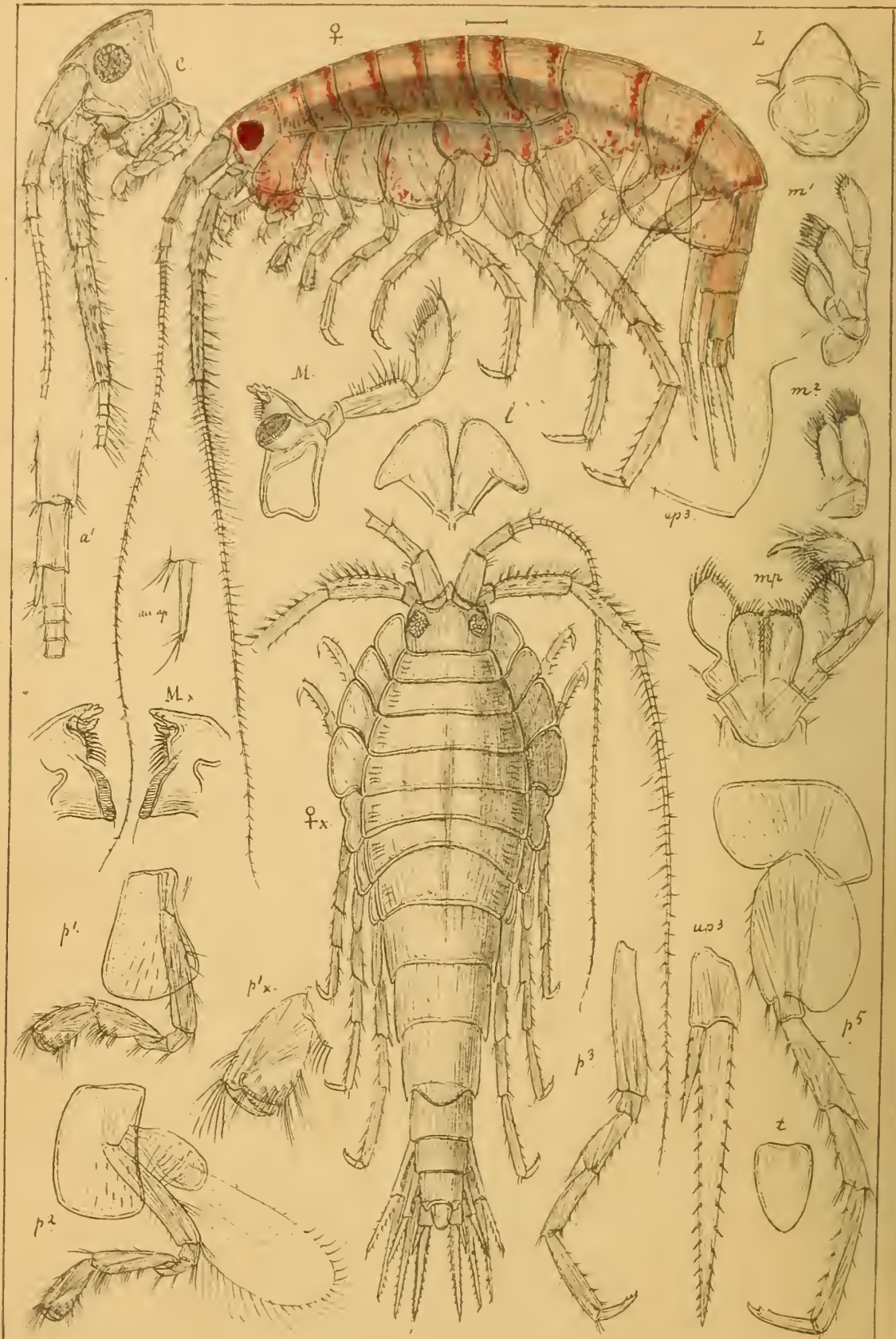


G.O. Sars autogr. Pontogeneia inermis, (Kröyer.)

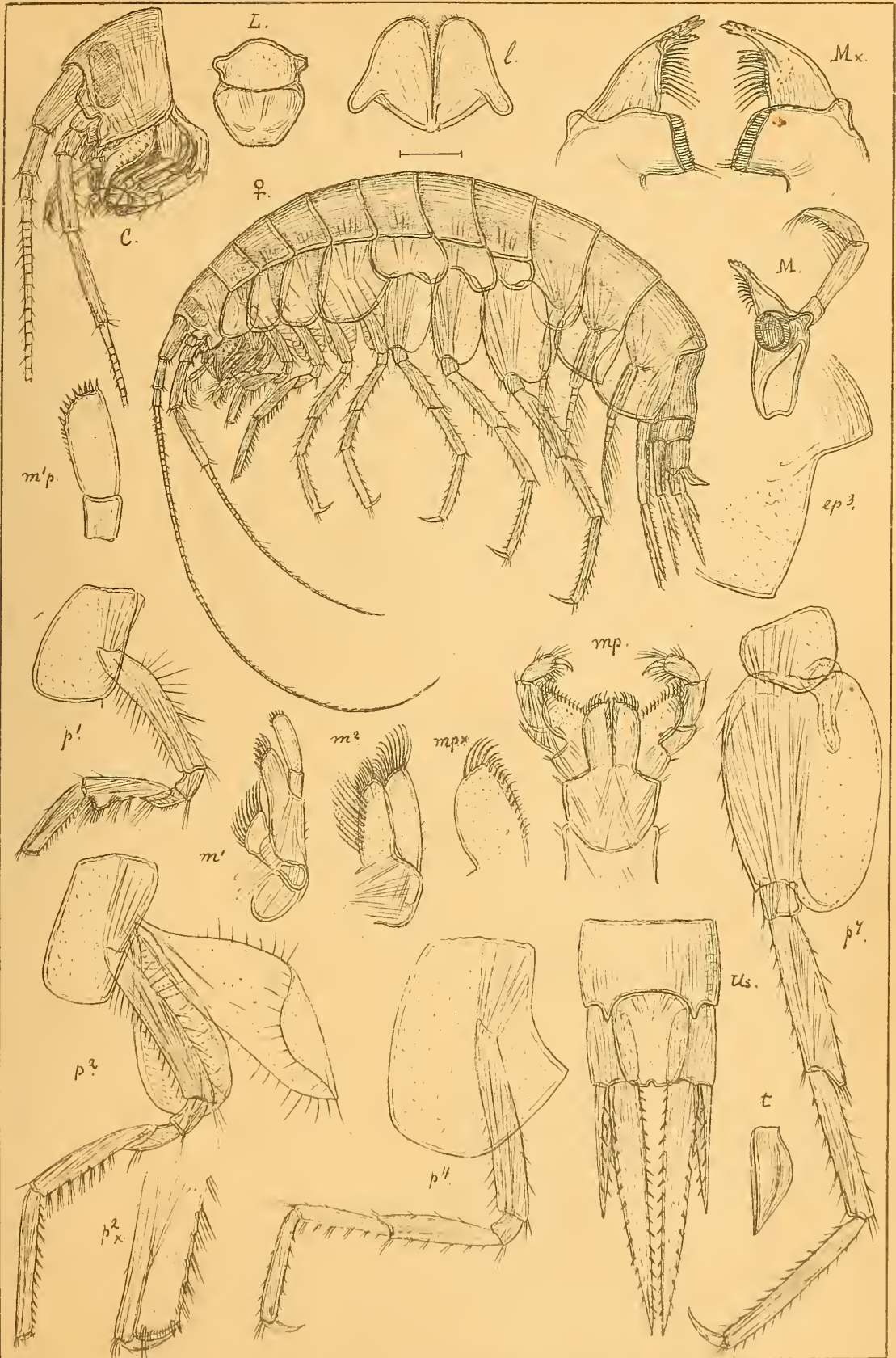


G.O. Sars autogr.

Laothoës Meinerti, Boeck.

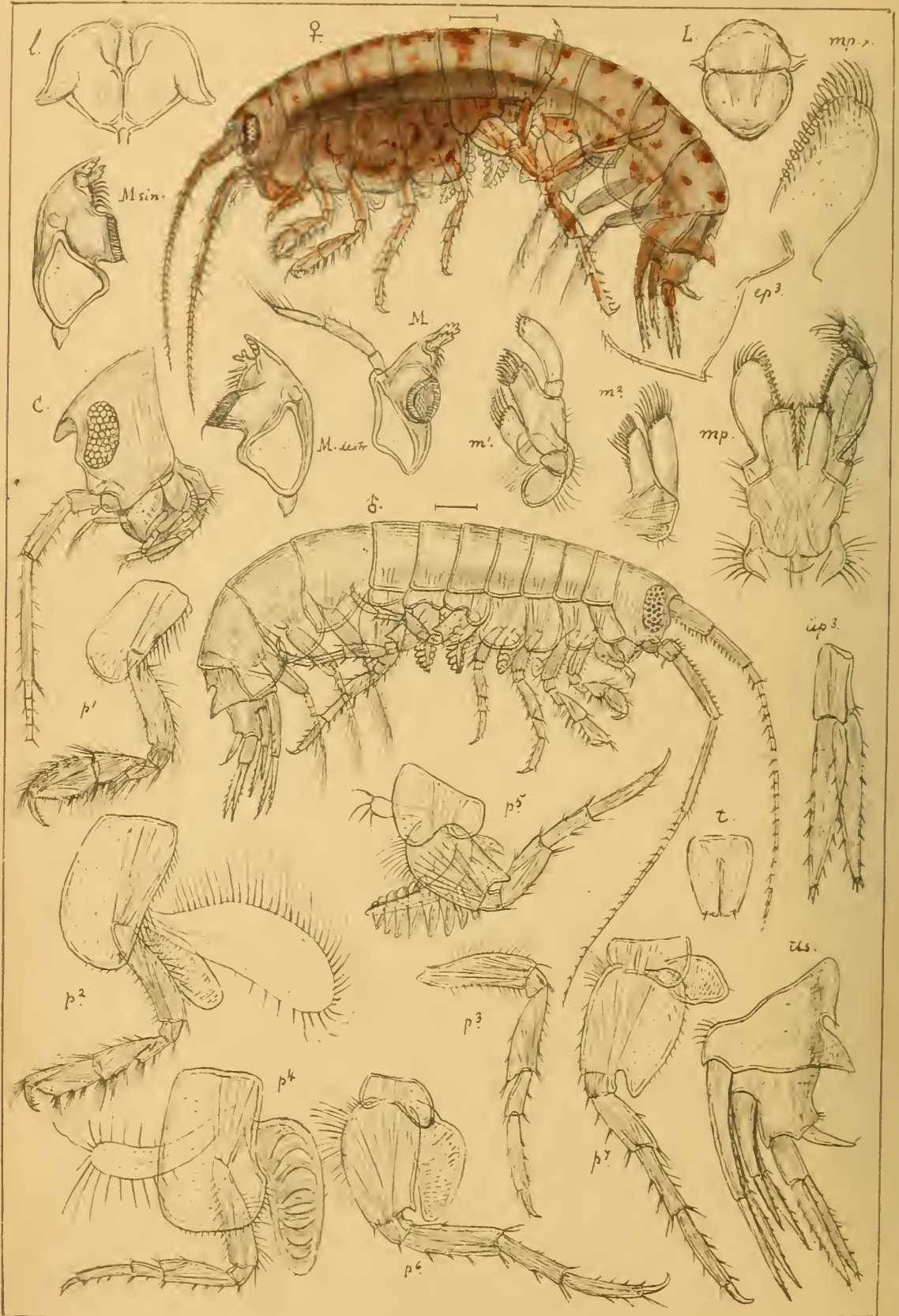


G.C.Sars autogr. *Amphithopsis longiaudata*, Boeck.



G.O.Sars autogr. *Leptamphopus longimanus*, (Boeck.)

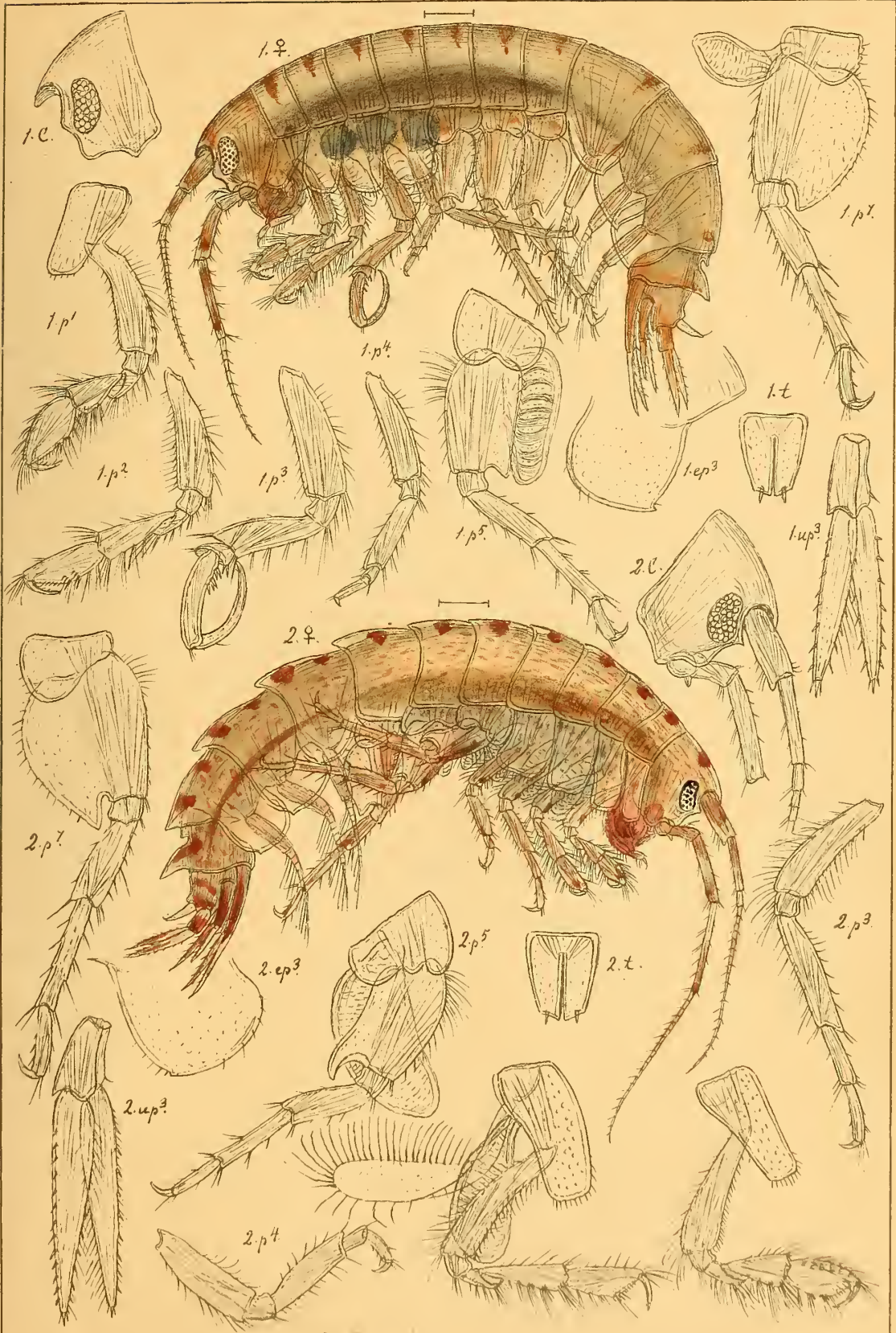
2000 V. 1. 1. 1.



G.O. Sars autogr.

Paratylus Swammerdami, (M-Edw.)

Paratylus



G.O.Sars autogr.

1. *Paratylus falcatus*, (Metzger.)

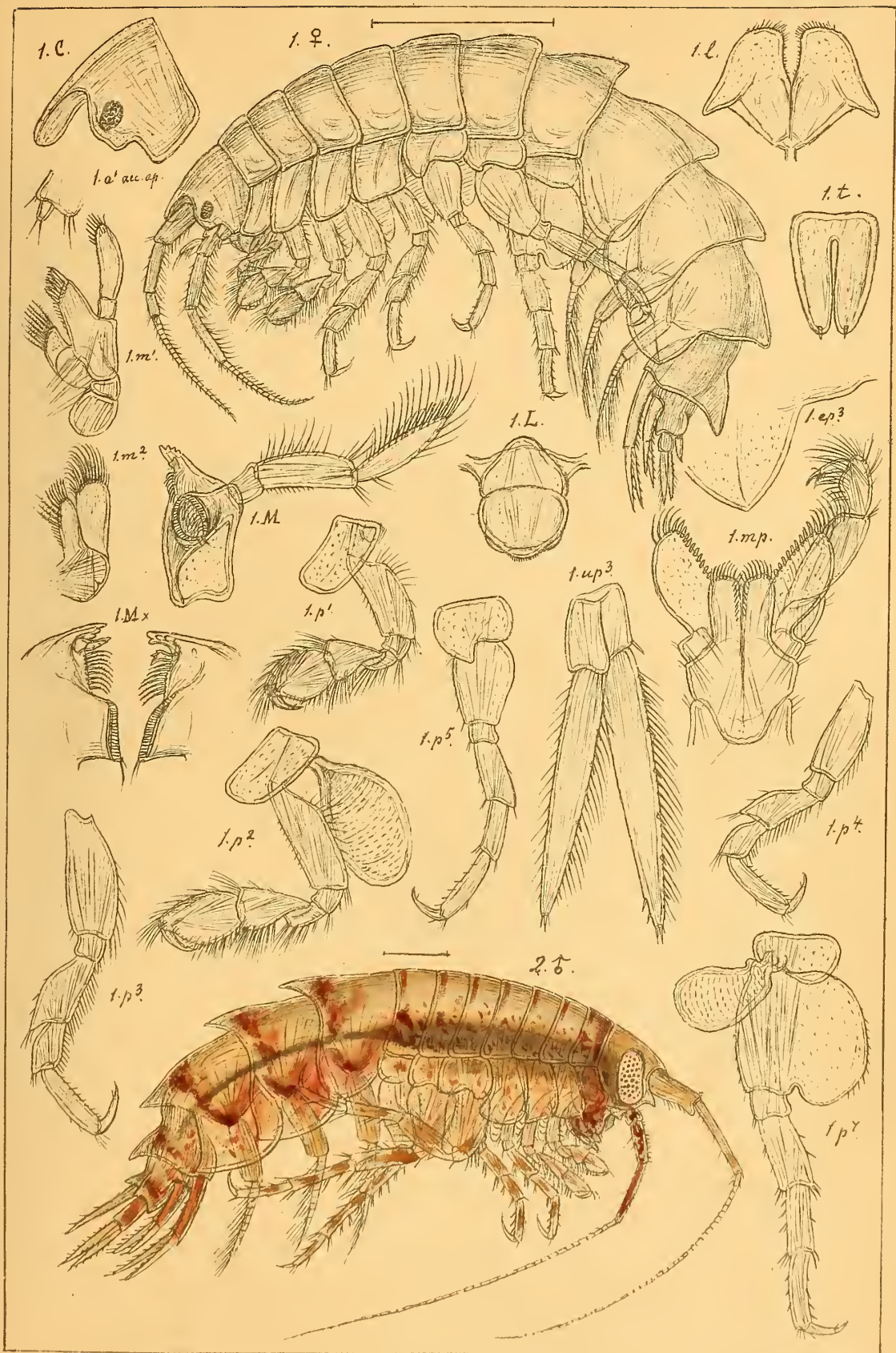
2. *Paratylus vedlomensis*, (Sp. Bate).



G.O.Sars autogr.

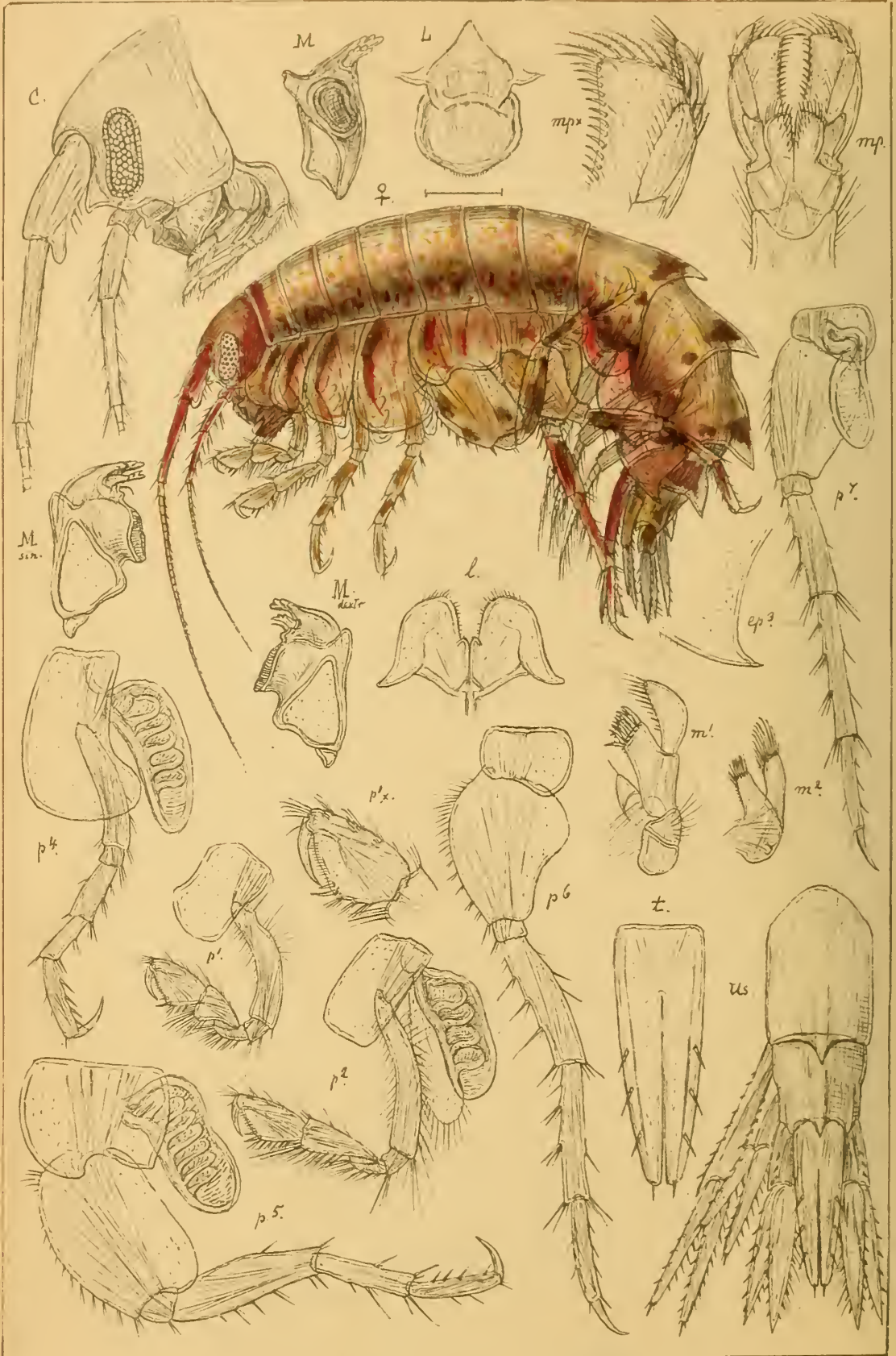
1. Paratylus Smithi, (Goës).

2. Paratylus nordlandicus, (Boeck.)



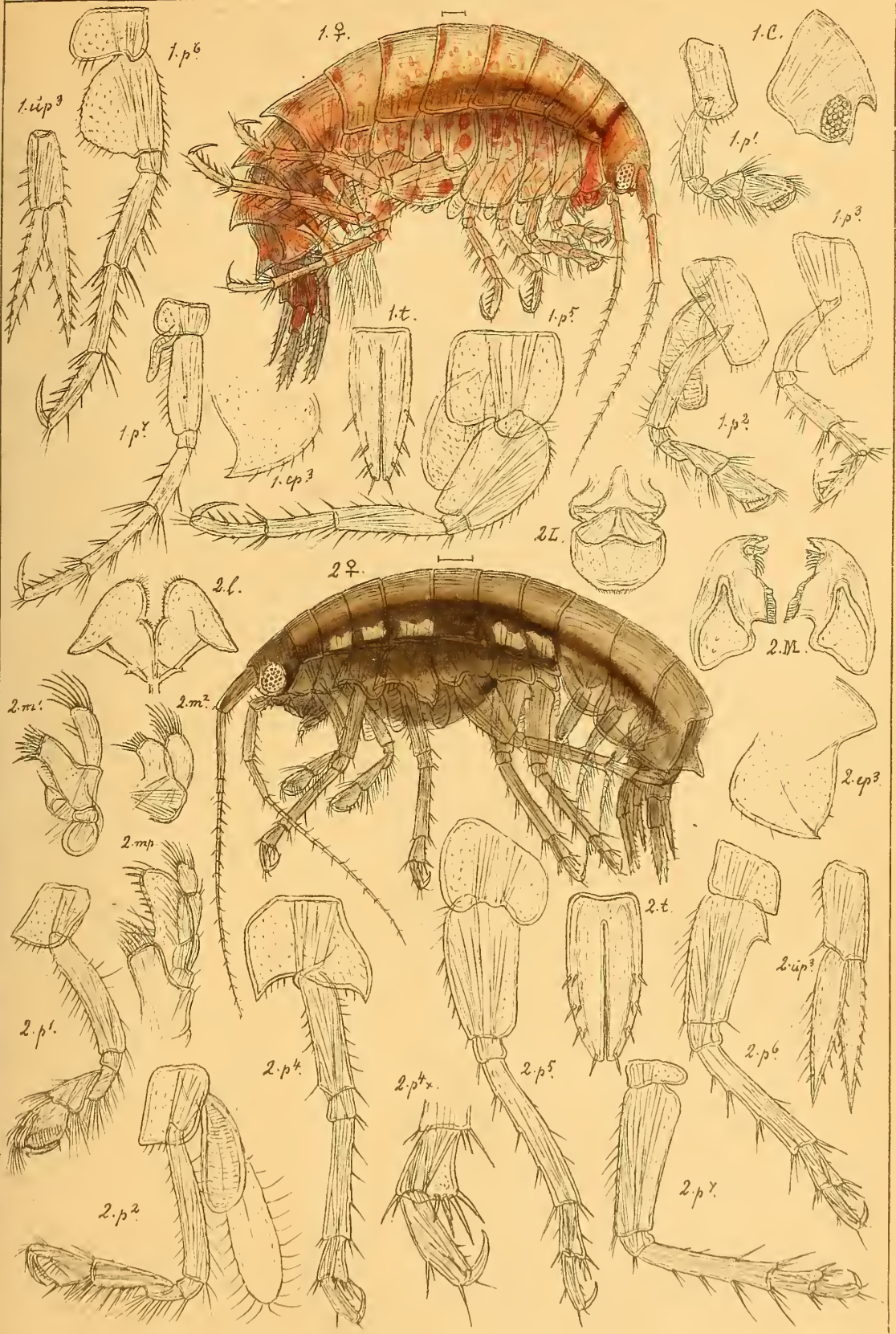
G.O. Sars autogr.

1. *Atylus carinatus*, (Fabr.)
2. *Dexamine spinosa*, (Mont.) ♂.



G.O.Sars autogr.

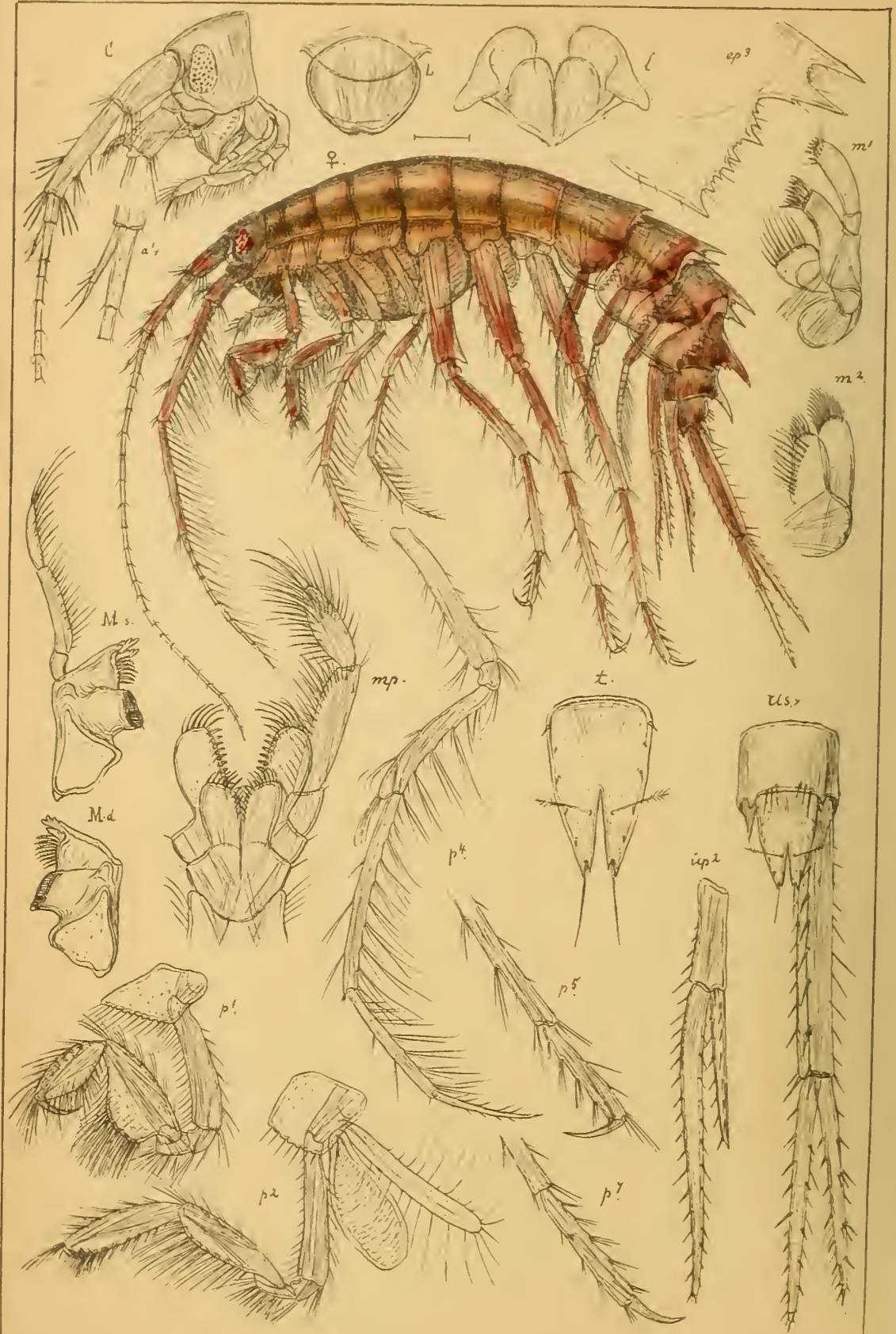
Dexamine spinosa, (Mont.) ♀.



G.O.Sars autogr.

1. *Dexamine Thea*, Boeck.

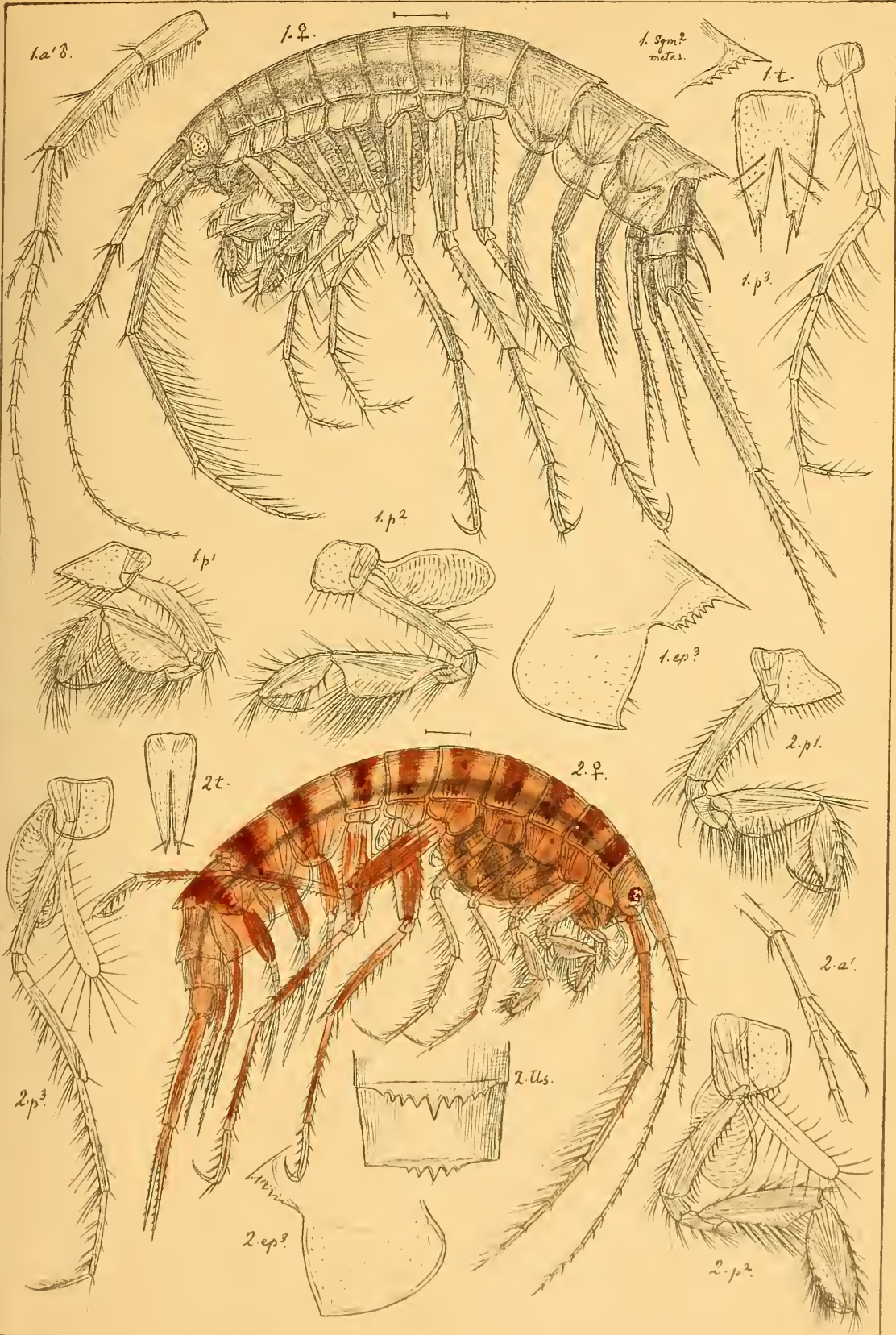
2. *Tritæta gibbosa*, (Sp. Bate.)



G O Sars autogr.

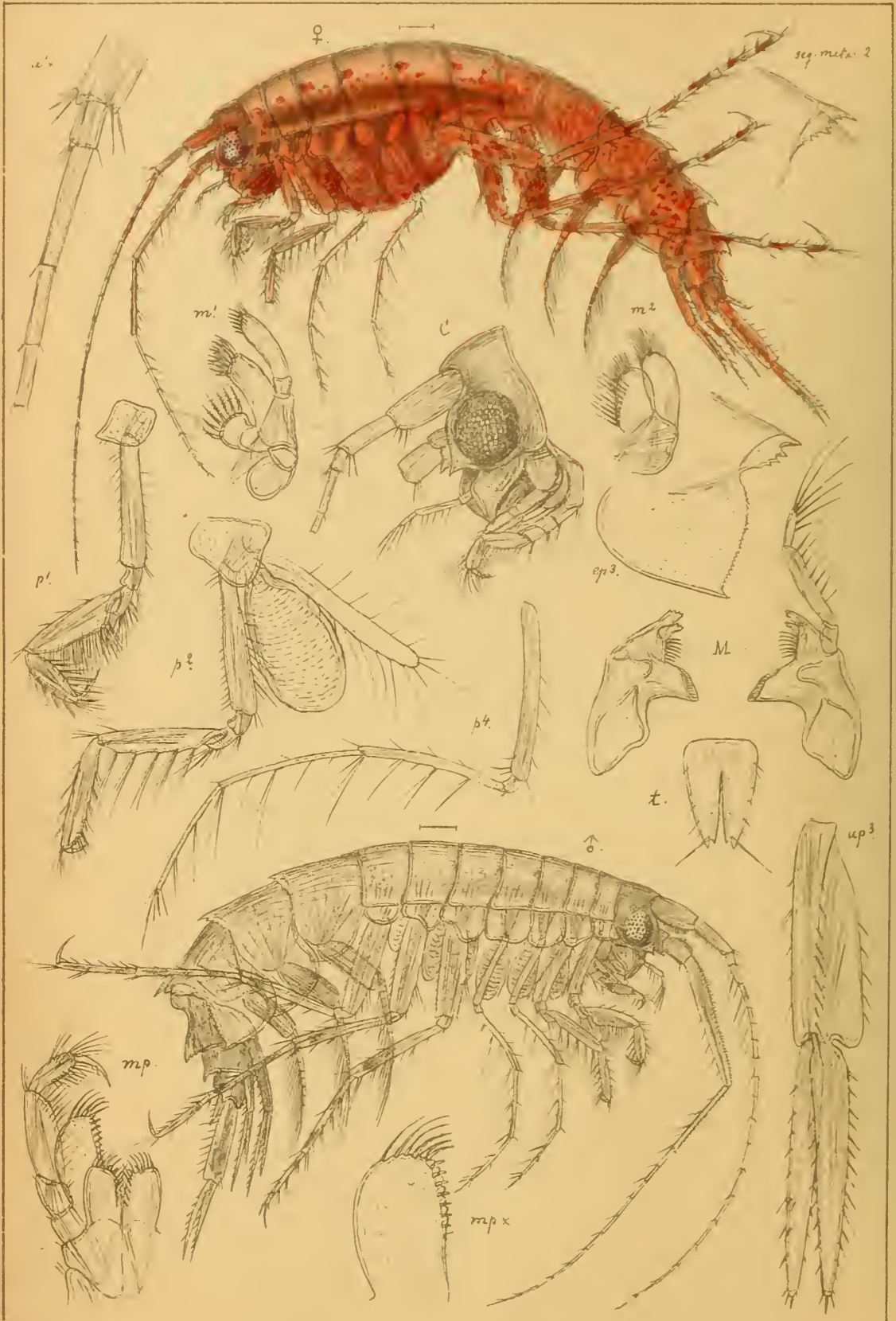
Melphidippa spinosa, (Goës.)

Melphidippa spinosa



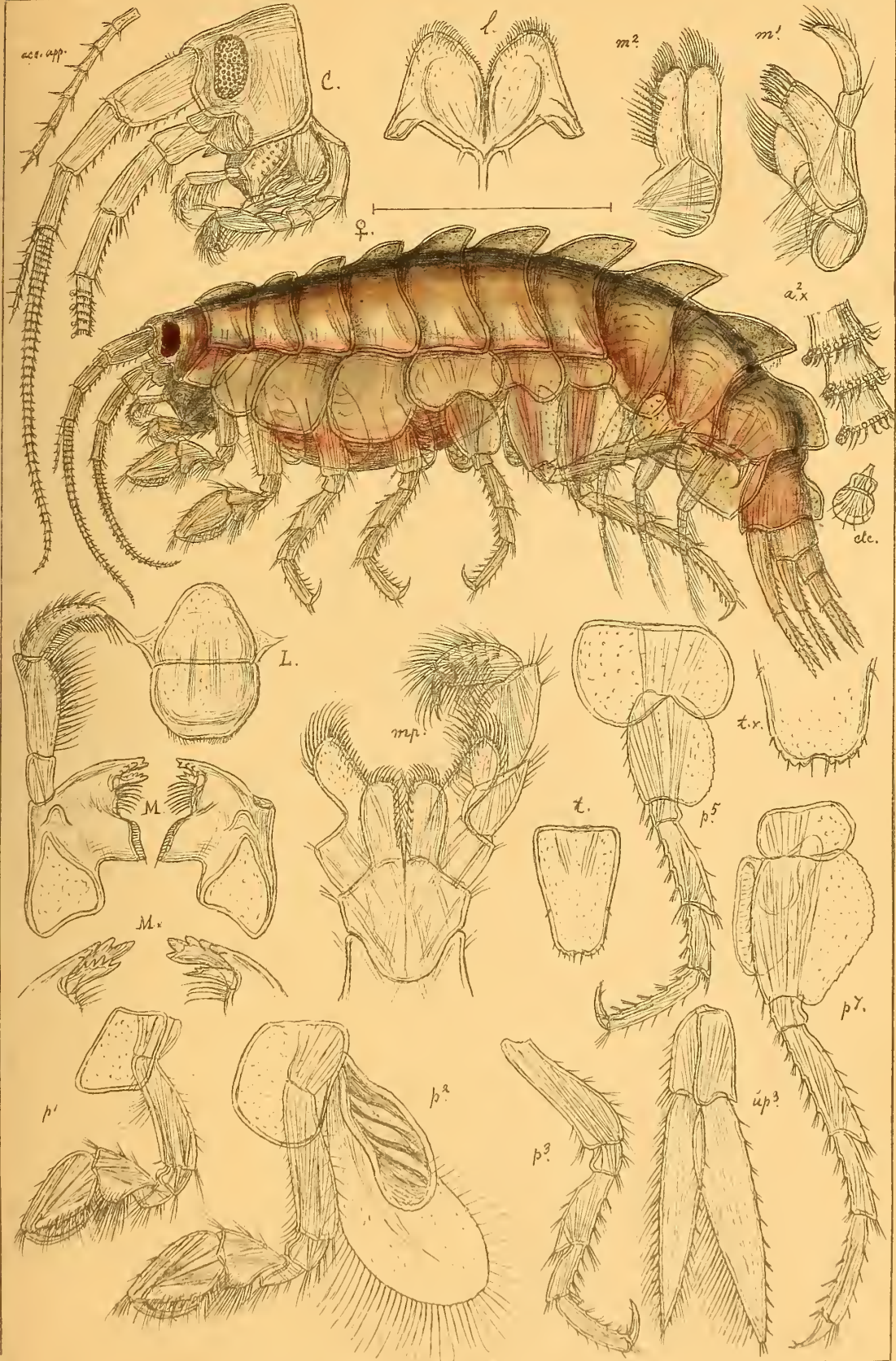
G.O Sars autogr.

- 1. *Melphidippa macrura*, n.sp.
- 2. *Melphidippa borealis*, Boeck.



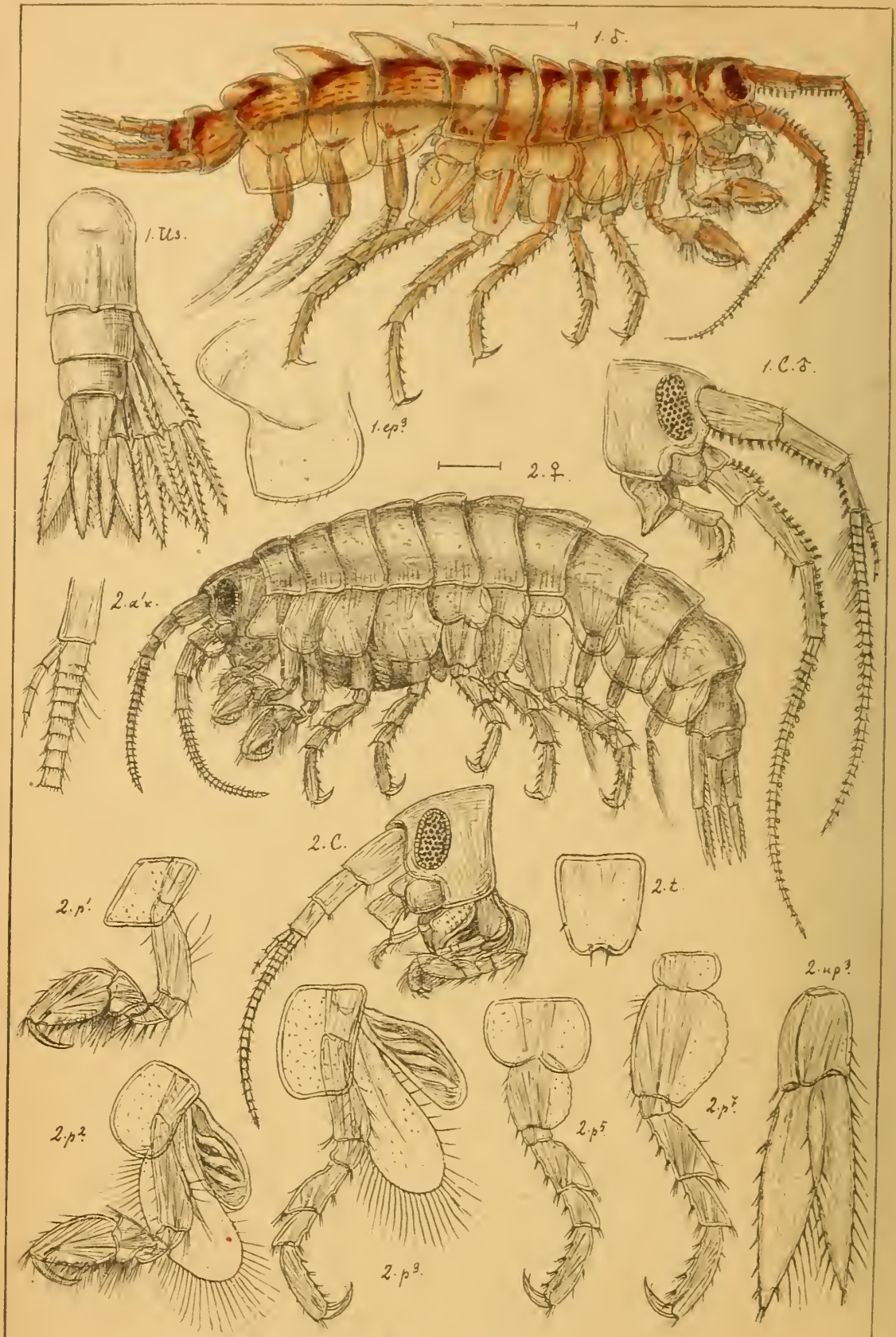
G.O.Sars autogr

Melphidippella macera, (Norman)



G.O.Sars autogr.

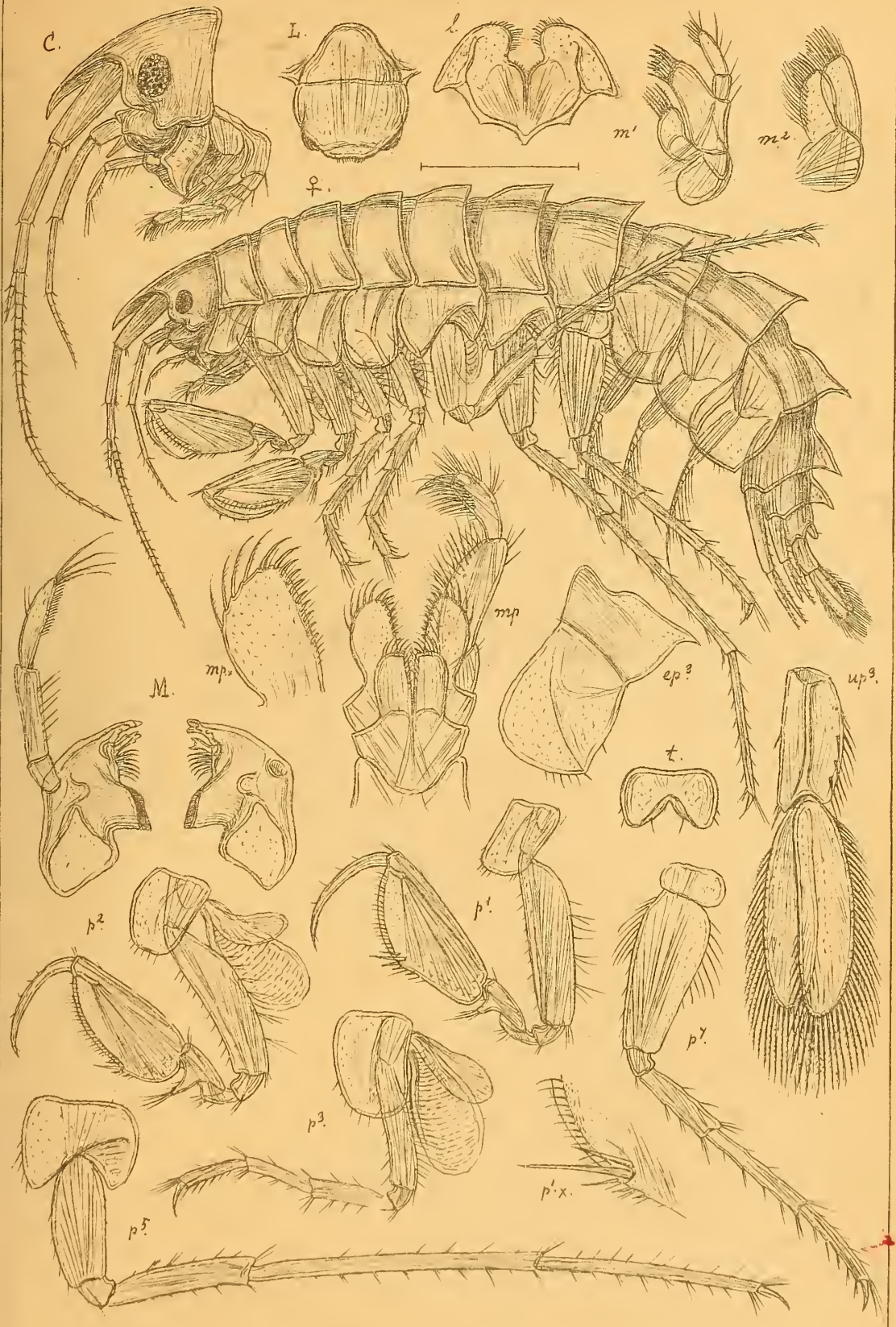
Amathilla homari, (Fabr.)



G.O Sars autogr.

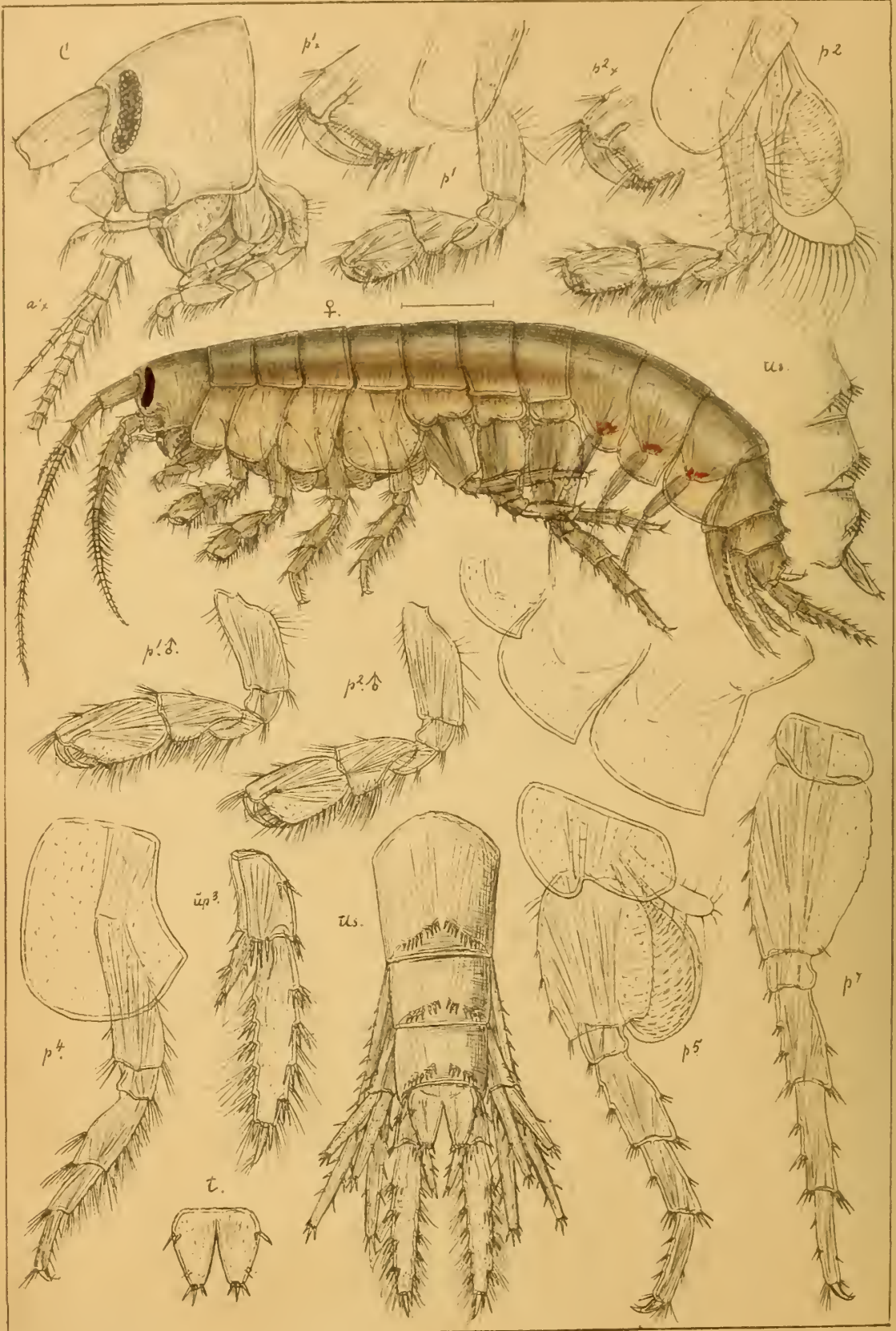
1. *Amathilla homari*, (Fabr.) ♂.

2. *Amathilla angulosa*, (Rathke.)



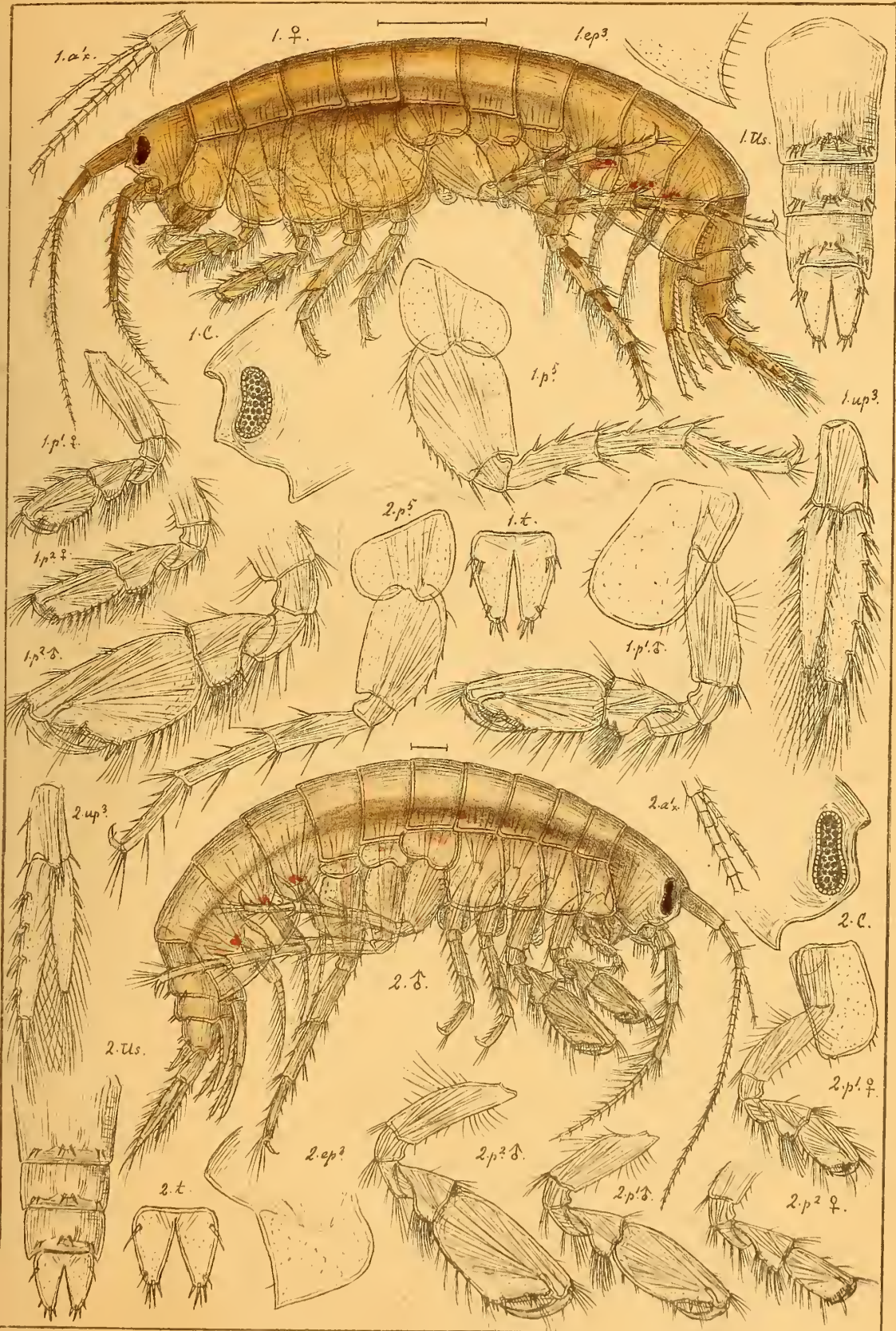
G.O.Sars autogr

Gammaracanthus relictus, G.O.Sars.



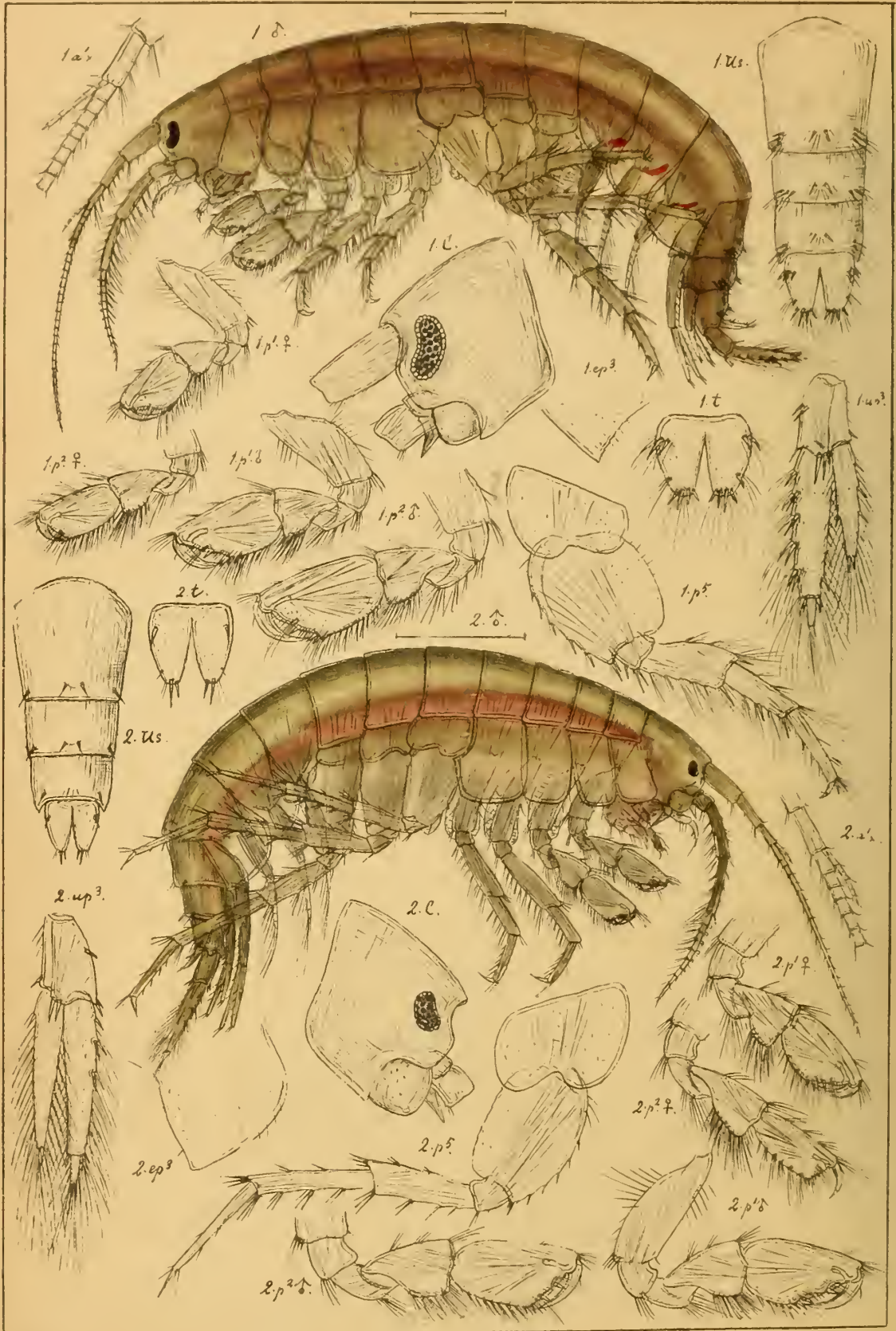
G.O.Sars autogr.

Gammarus marinus, Leach.



G.O.Sars autoogr.

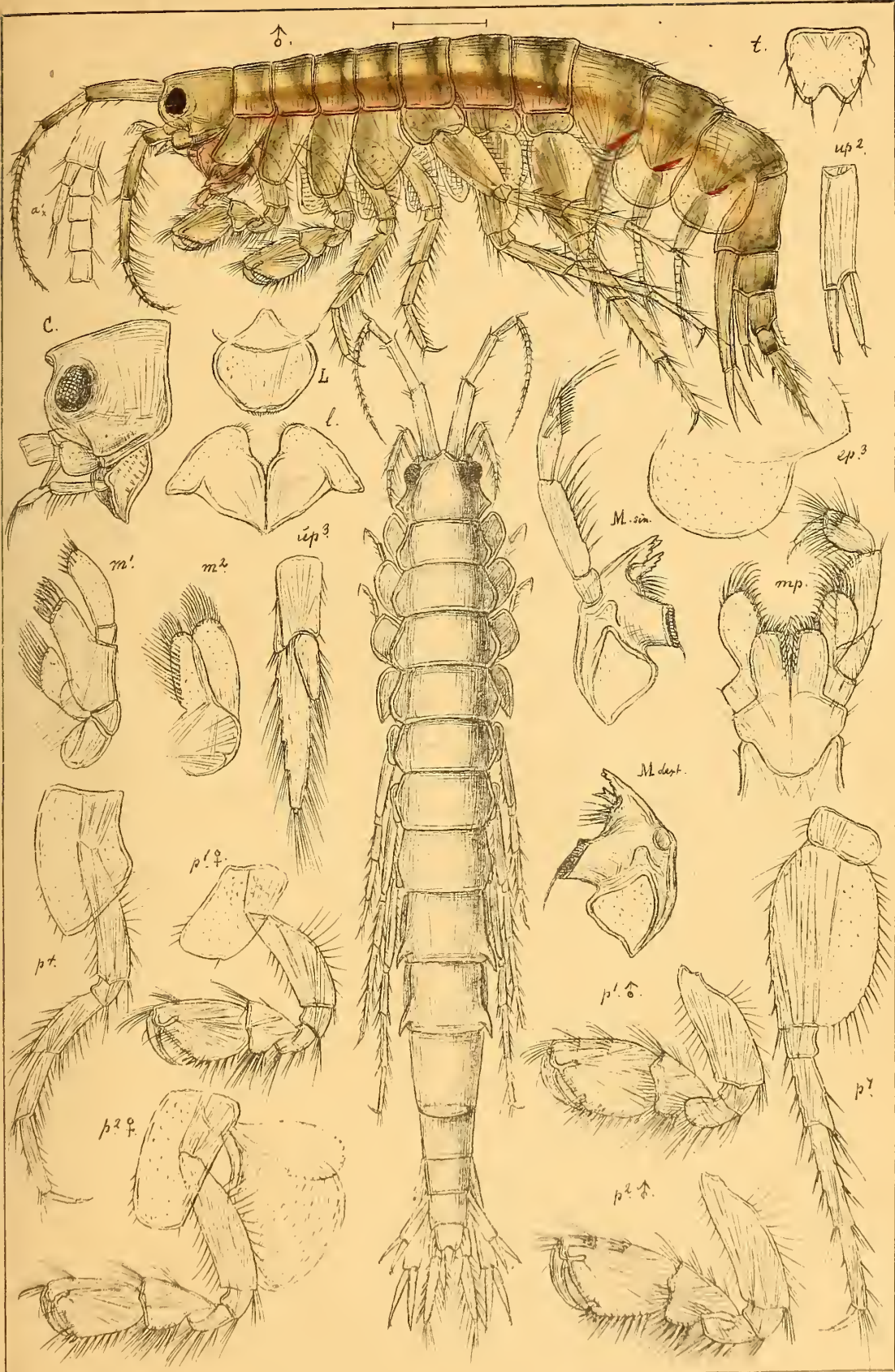
- 1. *Gammarus locusta*, (Lin)
- 2. *Gammarus campylops*, Leach.



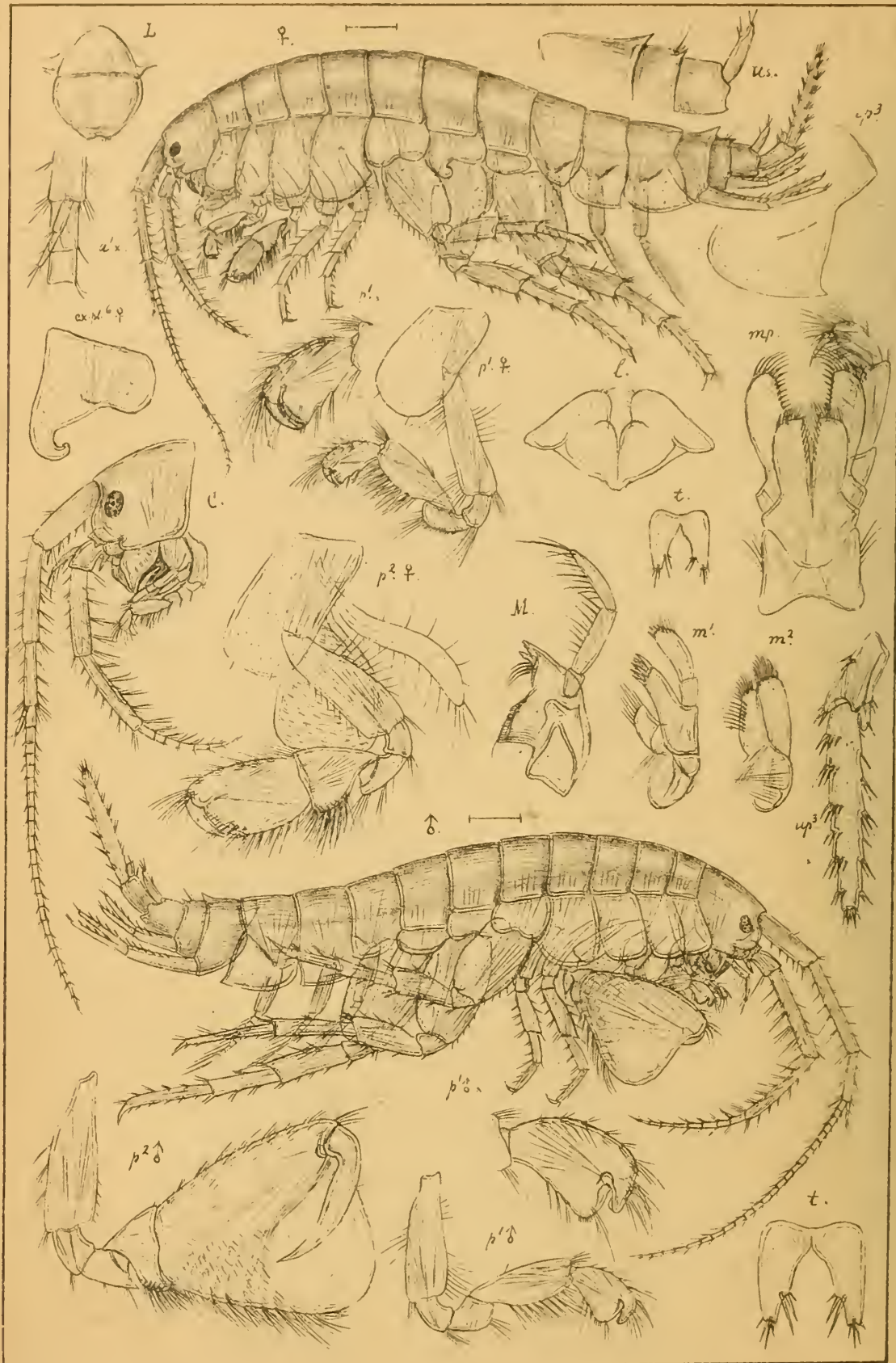
G.O.Sars autogr.

1. *Gammarus Duebeni*, Lilljeb.

2. *Gammarus pulex*, (Lin.)



G.O.Sars autogr. Pallasiella quadrispinosa, (Esm.)



G. G. Sars autogr.

Melita palmata, (Mont.)



G.O. Sars autogr.

1. *Melita obtusata*, (Mont.)

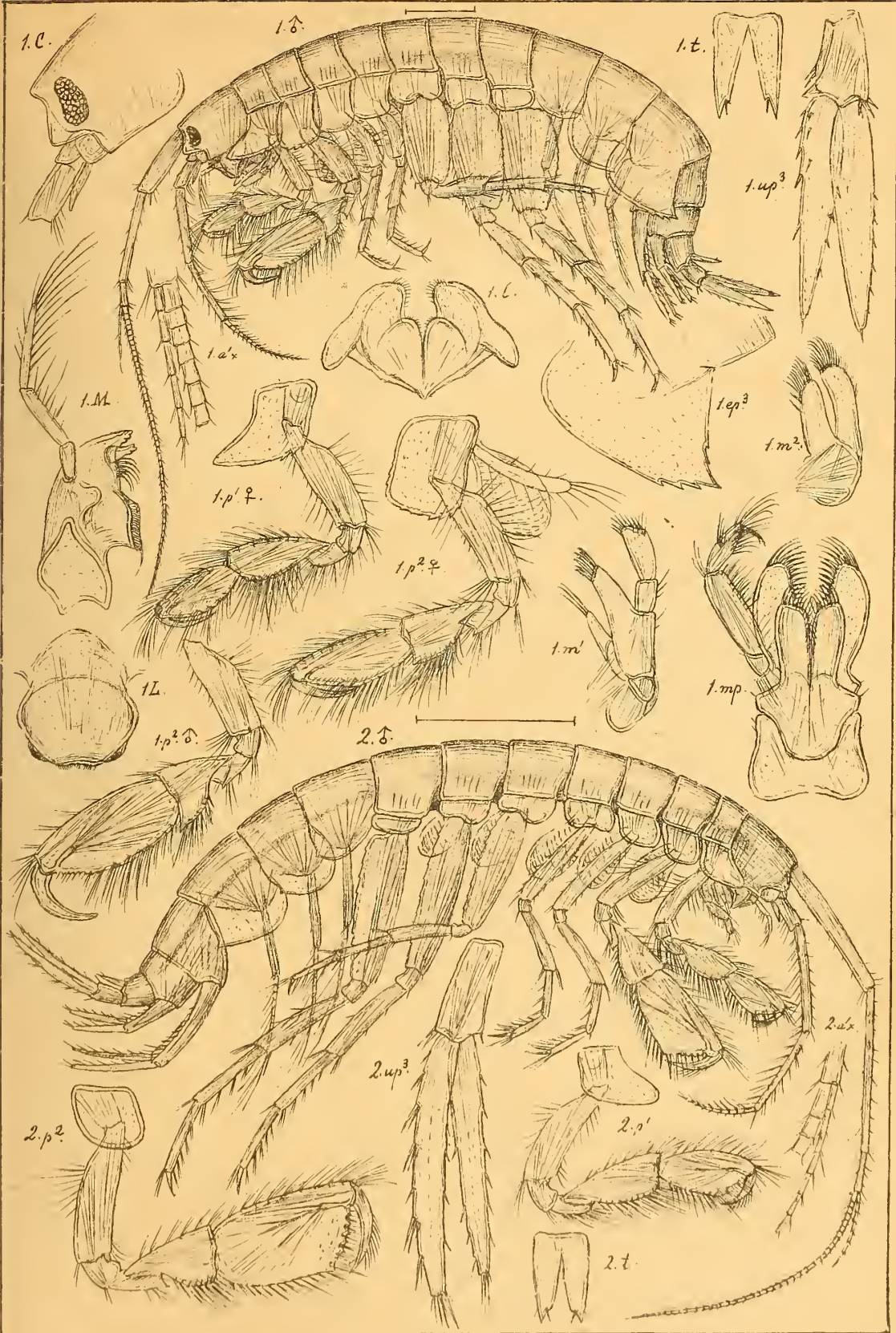
2. *Melita pellucida*, G.O. Sars.



G.O Sars autogr

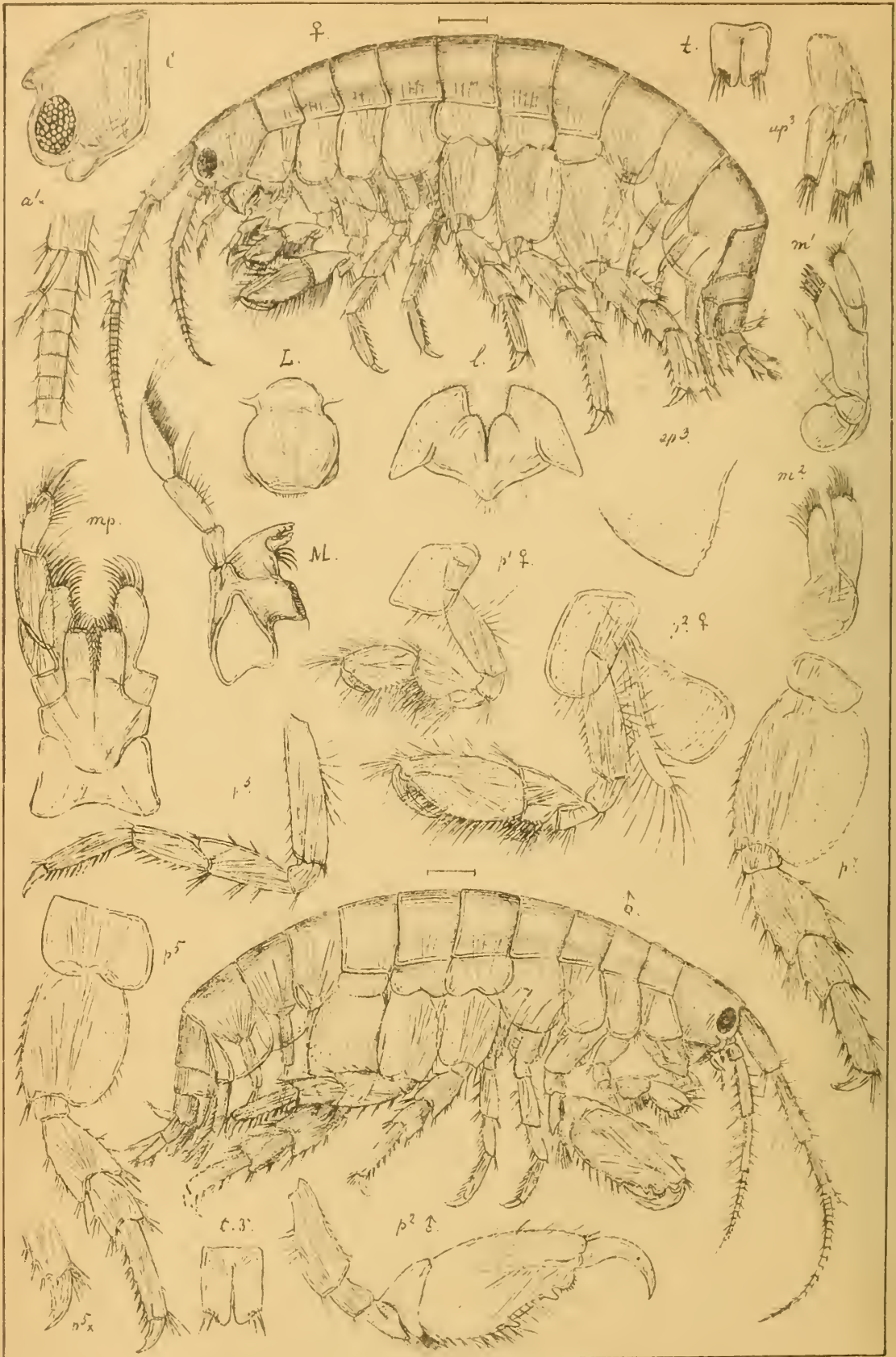
1. *Melita dentata*, (Kröyer).

2. *Eriopisa elongata*, (Bruzel.)



G.O.Sars autogr.

1. *Maera othonis*, (M-Edw.)
2. *Maera lovèni*, (Bruzel.)



G.O.Sars autogr.

Elasmopus rapax. (M-Edw.)



G.O.Sars autogr.

Cheirocratus Sundewalli, (Rathke.)



G.O.Sars autogr. 1. *Cheirocratus Sundewalli*, (Rathke) ♂.
 2. *Cheirocratus robustus*, n.sp.

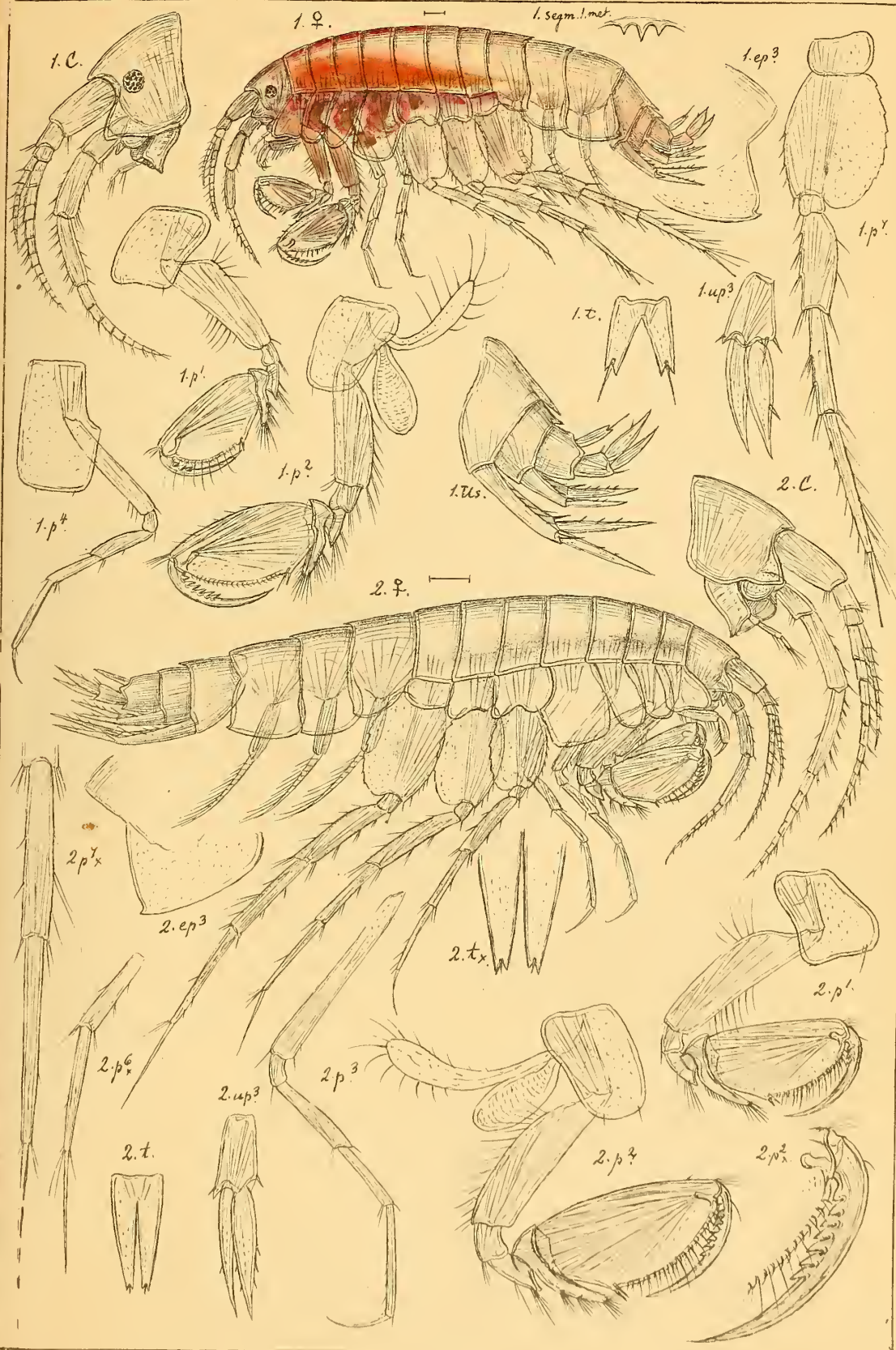


G.O Sars autogr. 1. *Cheirocratus intermedius*, n. sp.
 2. *Cheirocratus assimilis*, (Lilljeb.).



G.O Sars autogr.

Lilljeborgia pallida, Sp. Bate.



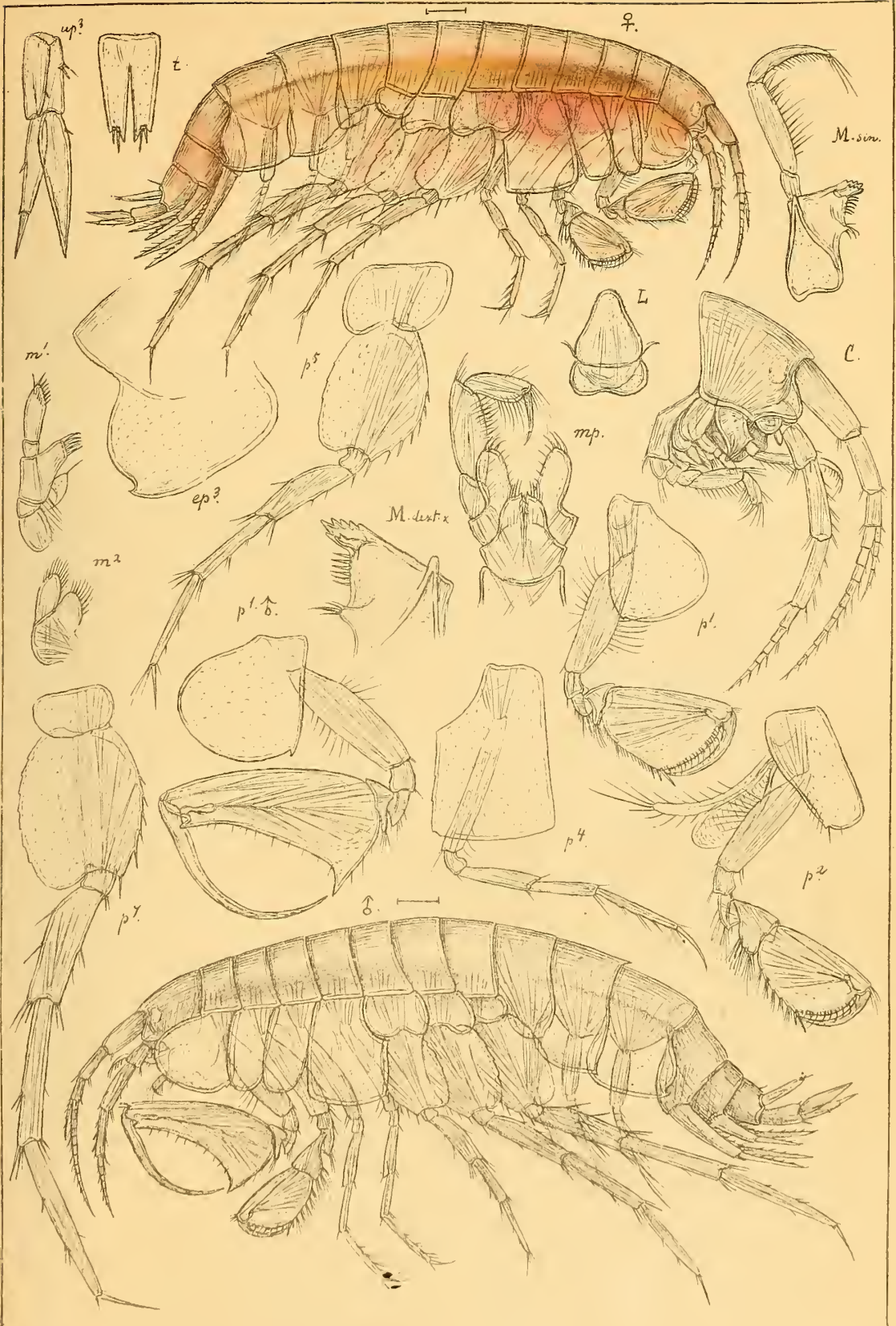
G.O. Sars autogr.

1. *Lilljeborgia Kinahani*, (Sp. Bate).
2. *Lilljeborgia macronyx*, n.sp.



J.O.Sars autogr

Liñjeborgia fissicornis, (M.Sars).

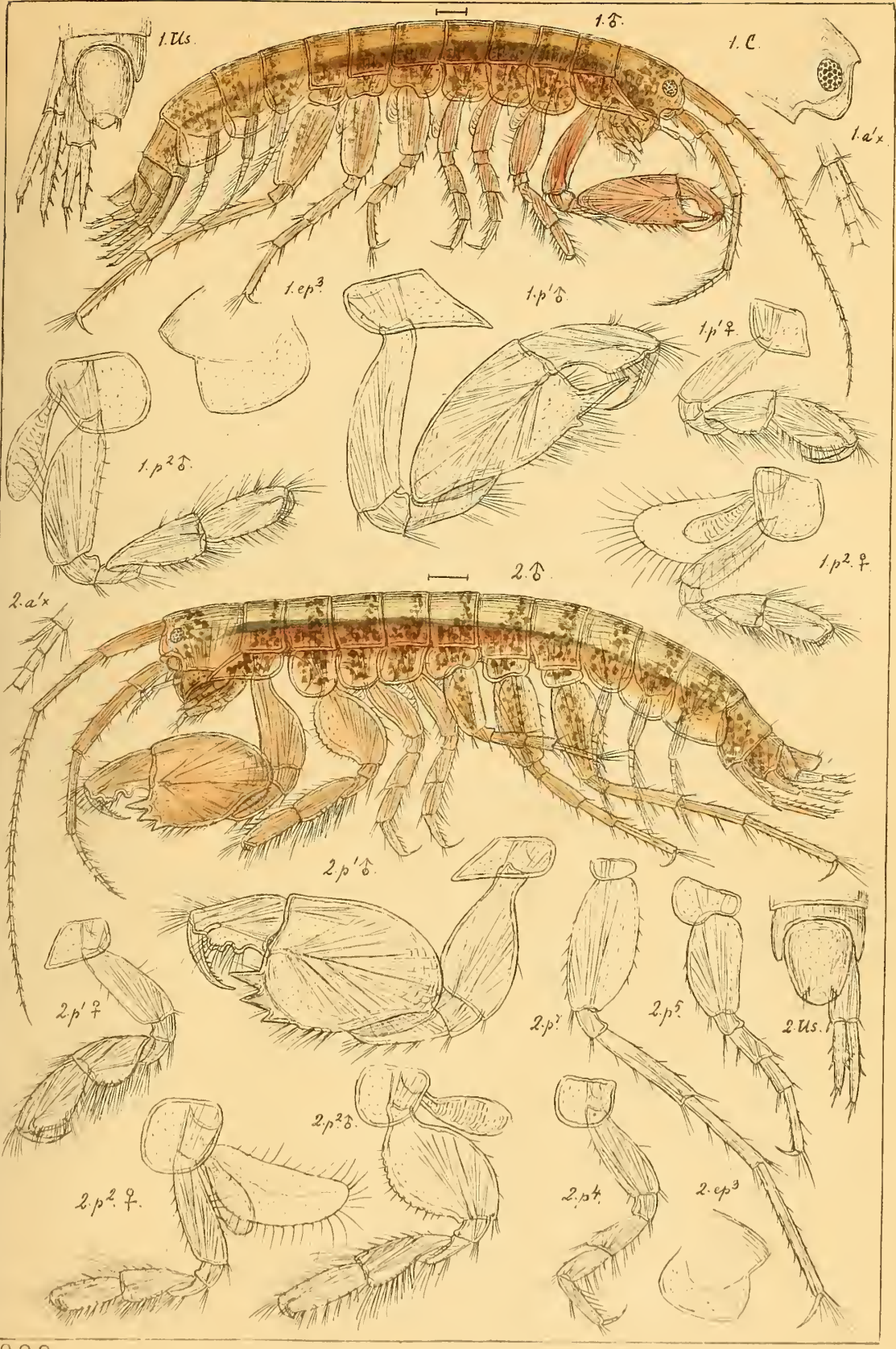


G.O.Sars autogr. *Idunella æqvicornis*, G.O.Sars.



G.O.Sars autogr.

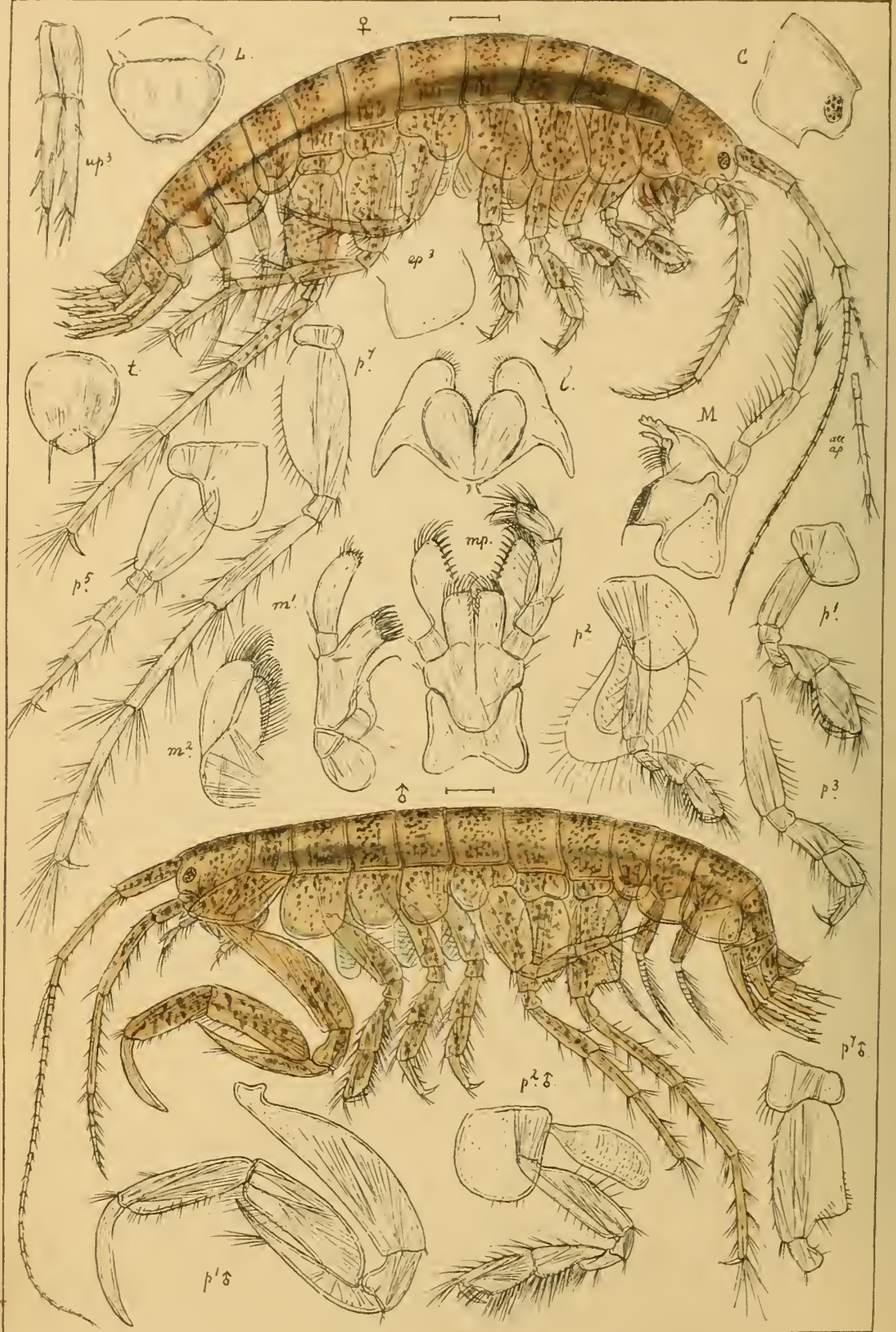
Microdeutopus anomalus, (Rathke).



G.O.Sars autogr.

1. *Microdeutopus propinquus*, n. sp.

2. *Microdeutopus gryllotalpa*, Costa.



G.O.Sars autogr.

Aora gracilis, Sp. Bate.



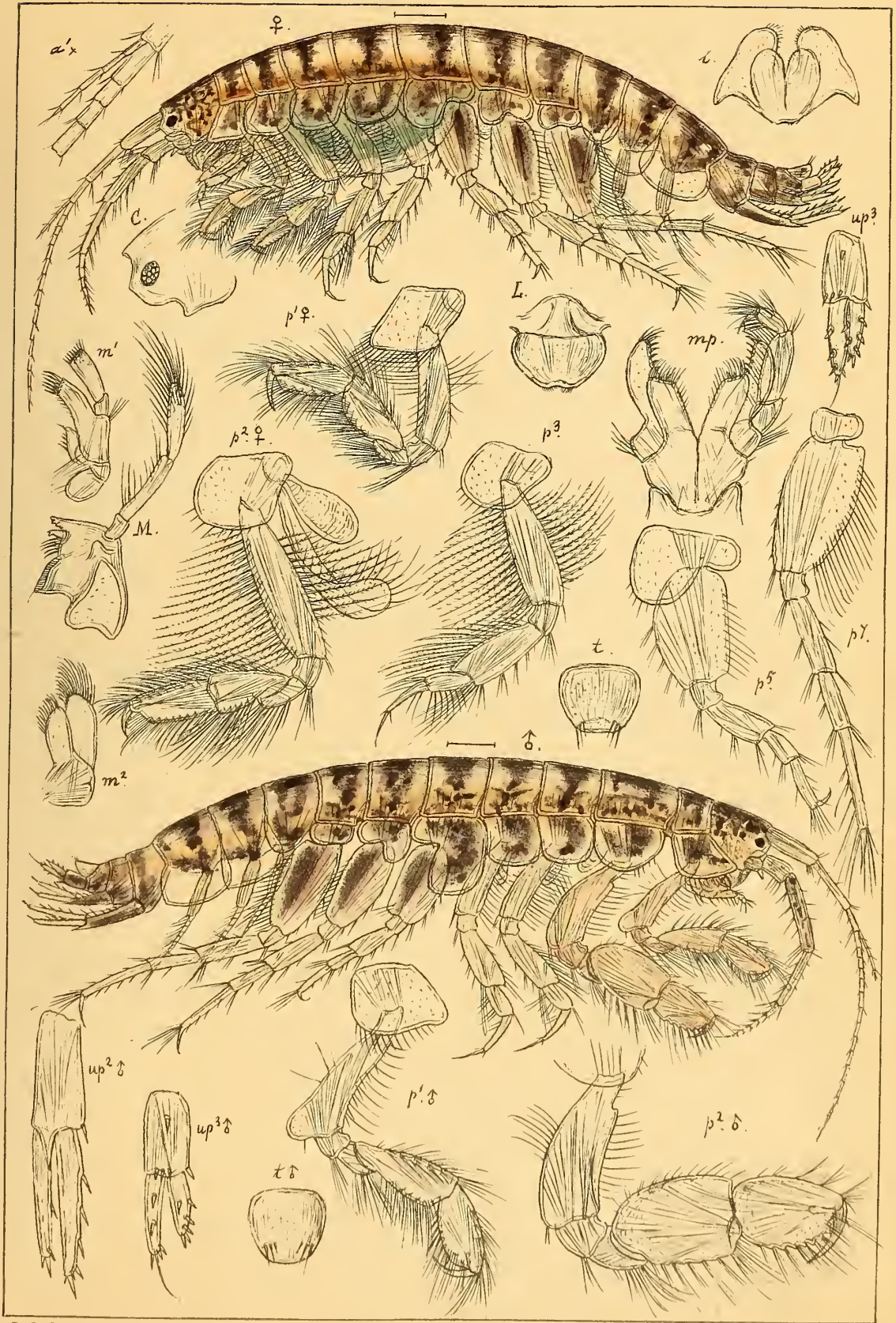
G.O.Sars autogr.

Autonoë Websterij (Sp. Bate).



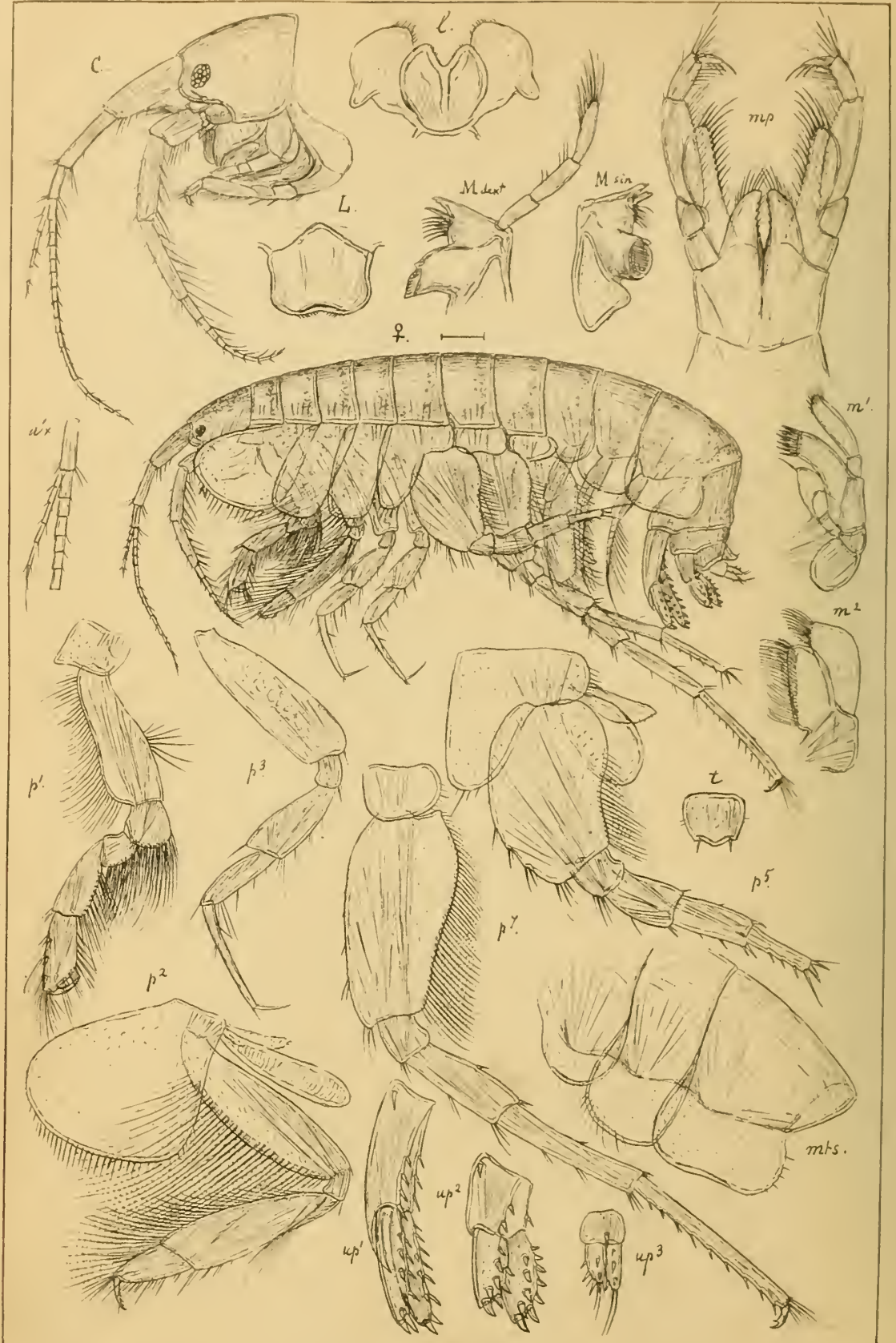
G.O.Sars autogr.

- 1. *Autonoë longipes*, (Lilljeborg).
- 2. *Autonoë megacheir*, (G. O. Sars.)



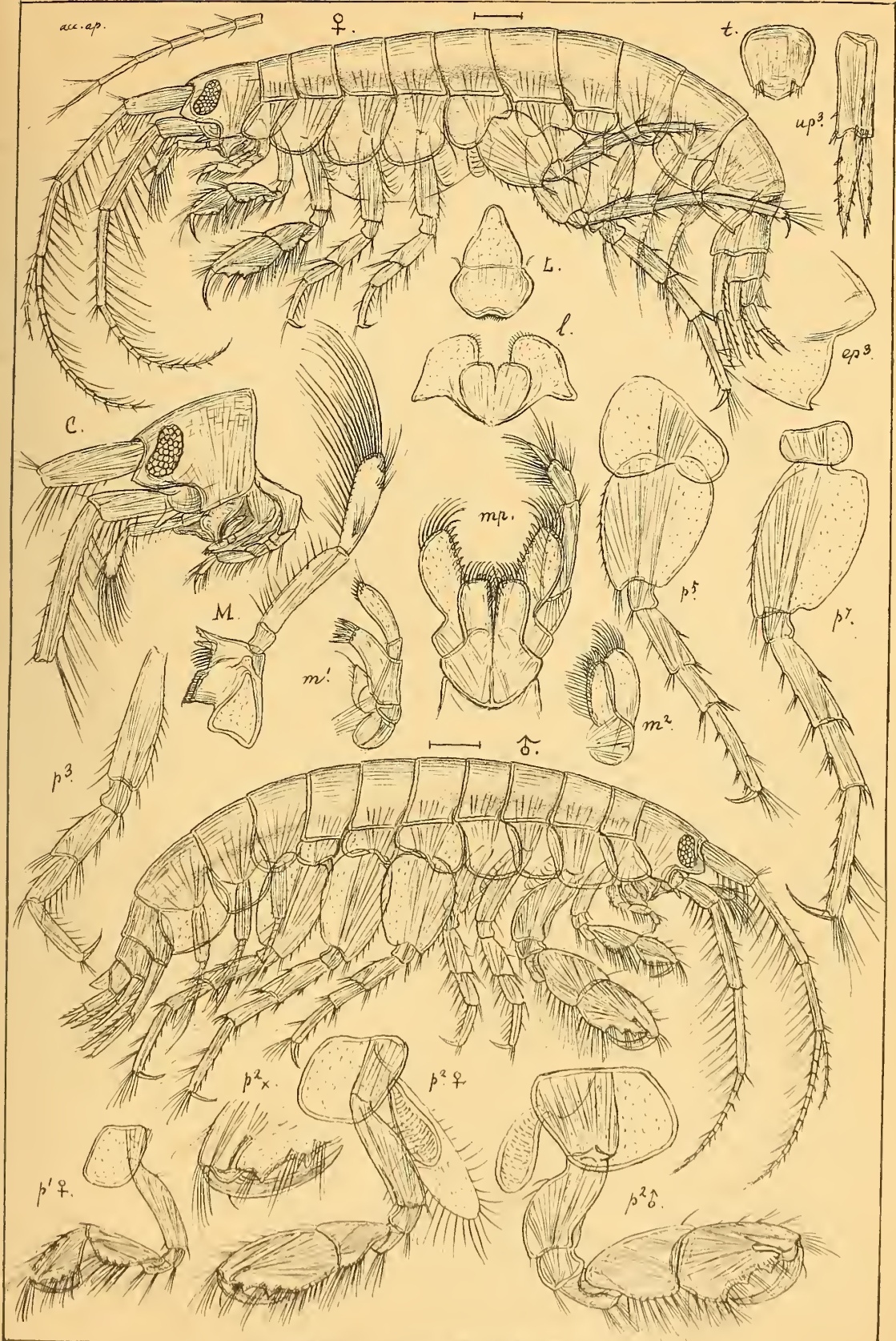
G.O.Sars autogr.

Protomeдея fasciata, Kröyer.



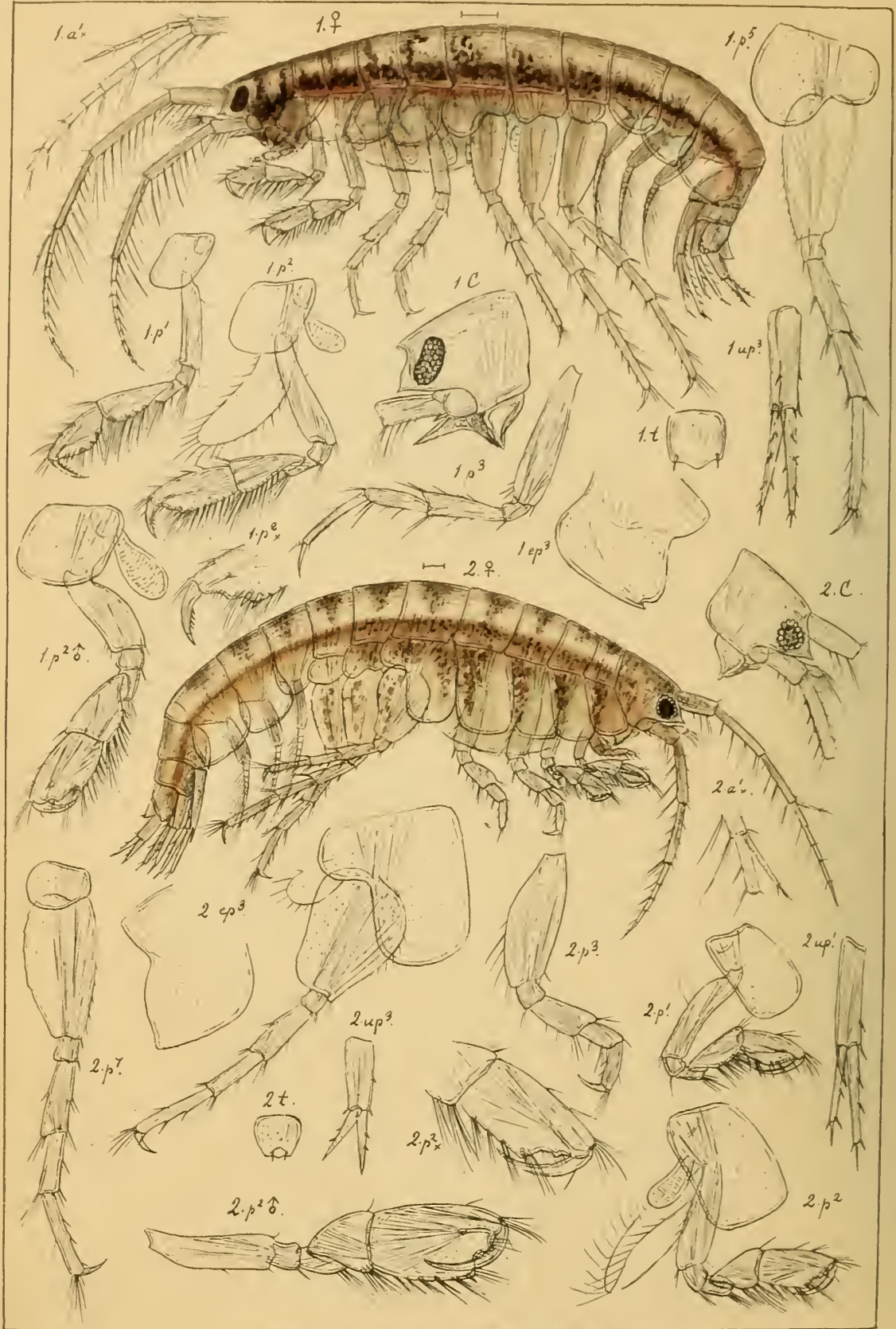
G.O. Sars autogr.

Leptocheirus pilosus, Zaddach.



G.O Sars autogr.

Gammaropsis erythropthalma, (Lilljeborg).



G.O.Sars autogr.

1. *Gammaropsis melanops*, G.O.Sars.
2. *Gammaropsis nana*, n.sp.



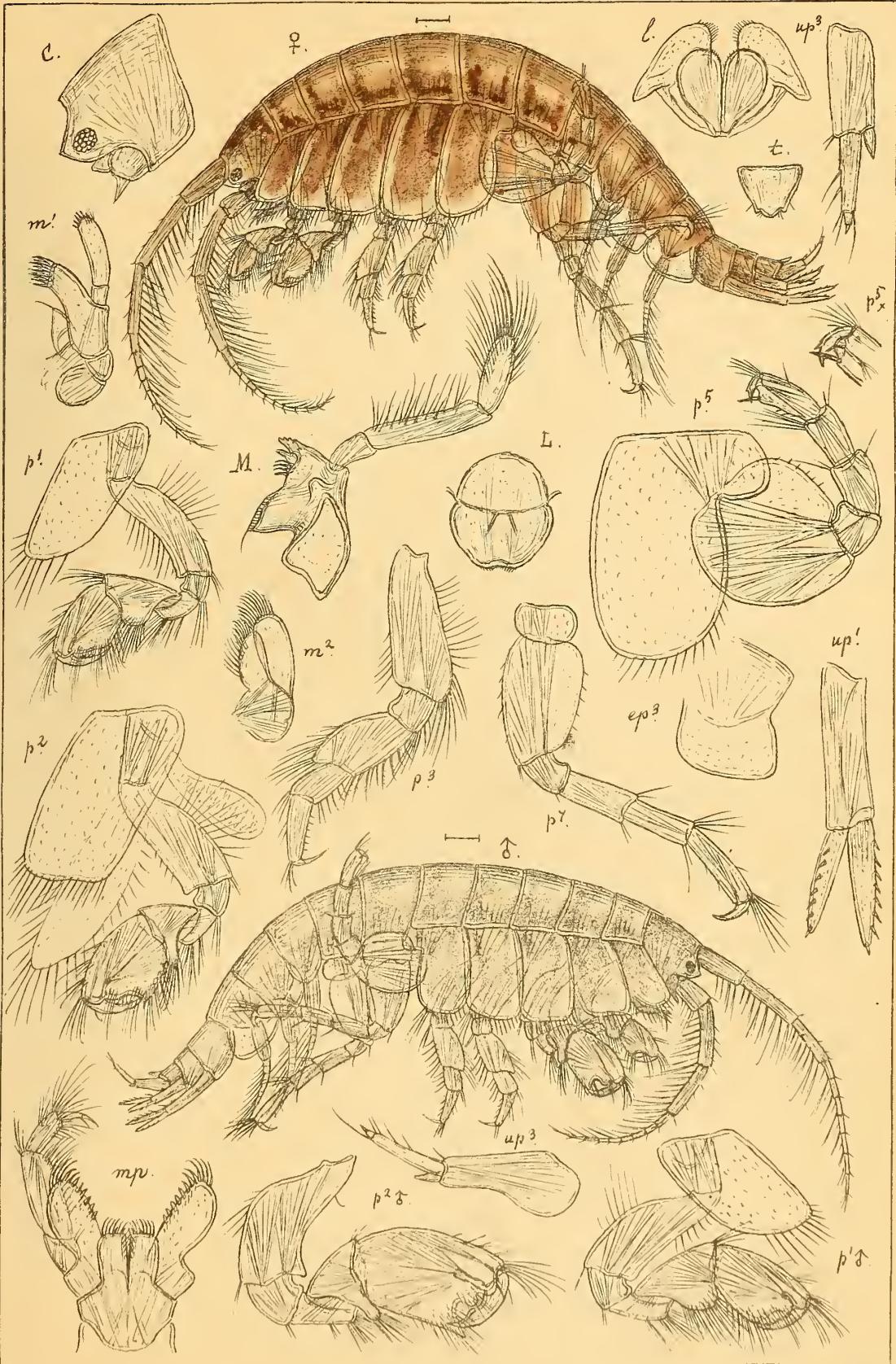
G.O.Sars autogr.

Megamphopus cornutus, Norman.



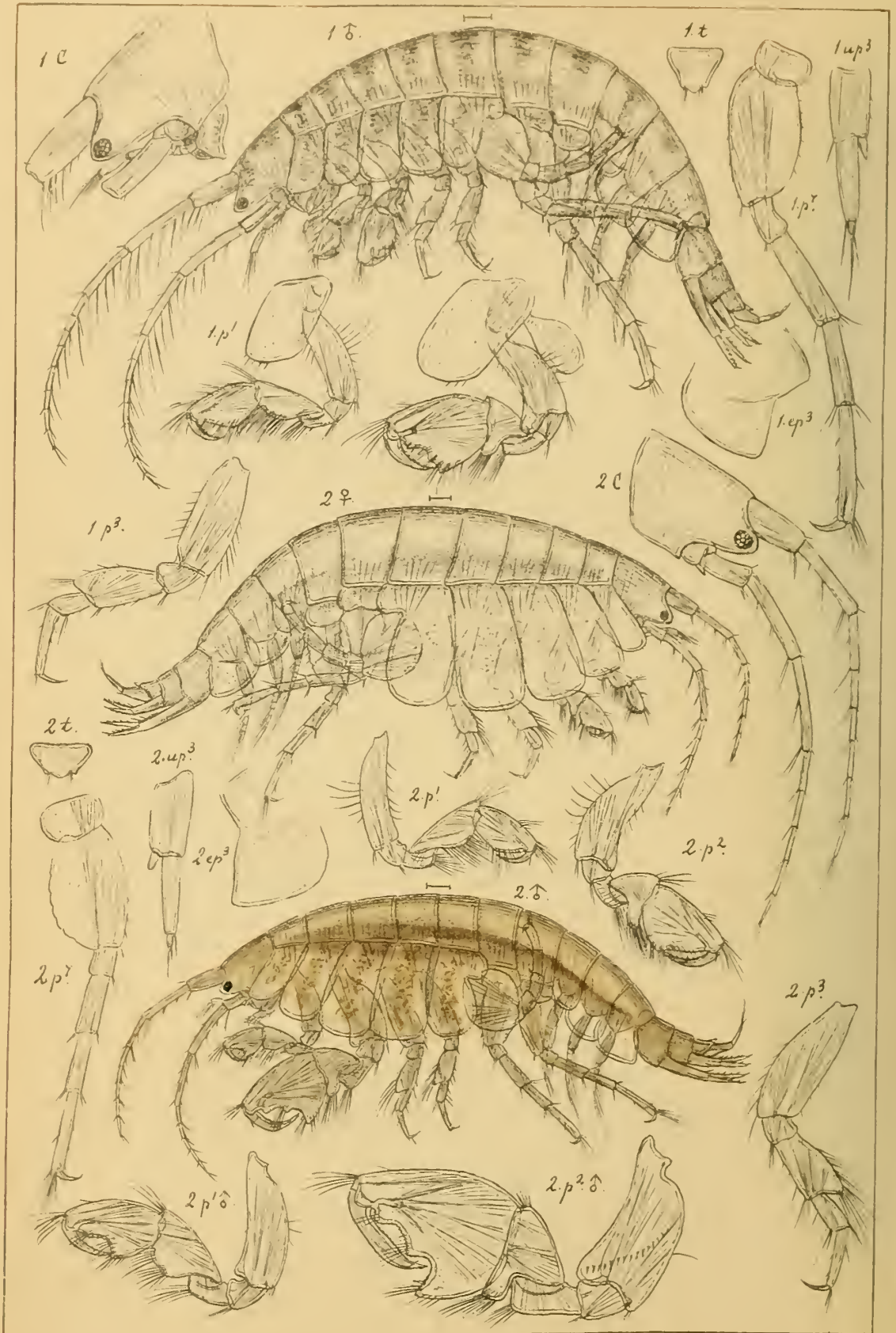
G.O.Sars autogr.

Microprotopus maculatus, Norman.



G.O.Sars autogr.

Photis Reinhardi, Kröyer.



G.O.Sars autogr.

- 1. *Photis longicaudata*, (Sp. Bate).
- 2. *Photis tenuicornis*, G.O.Sars.





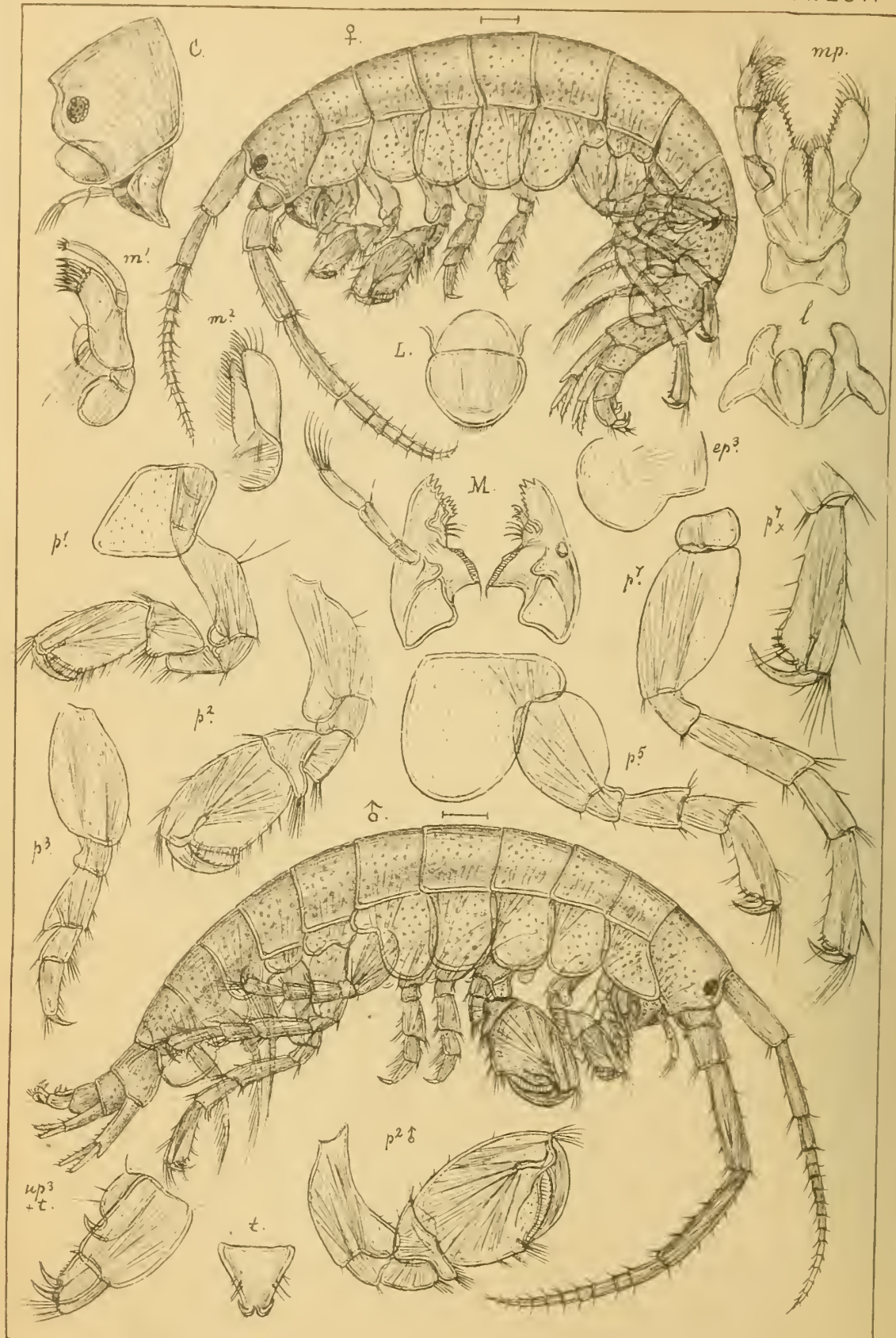
G.O. Sars autogr.

Podocerospis excavata, (Sp. Bate).



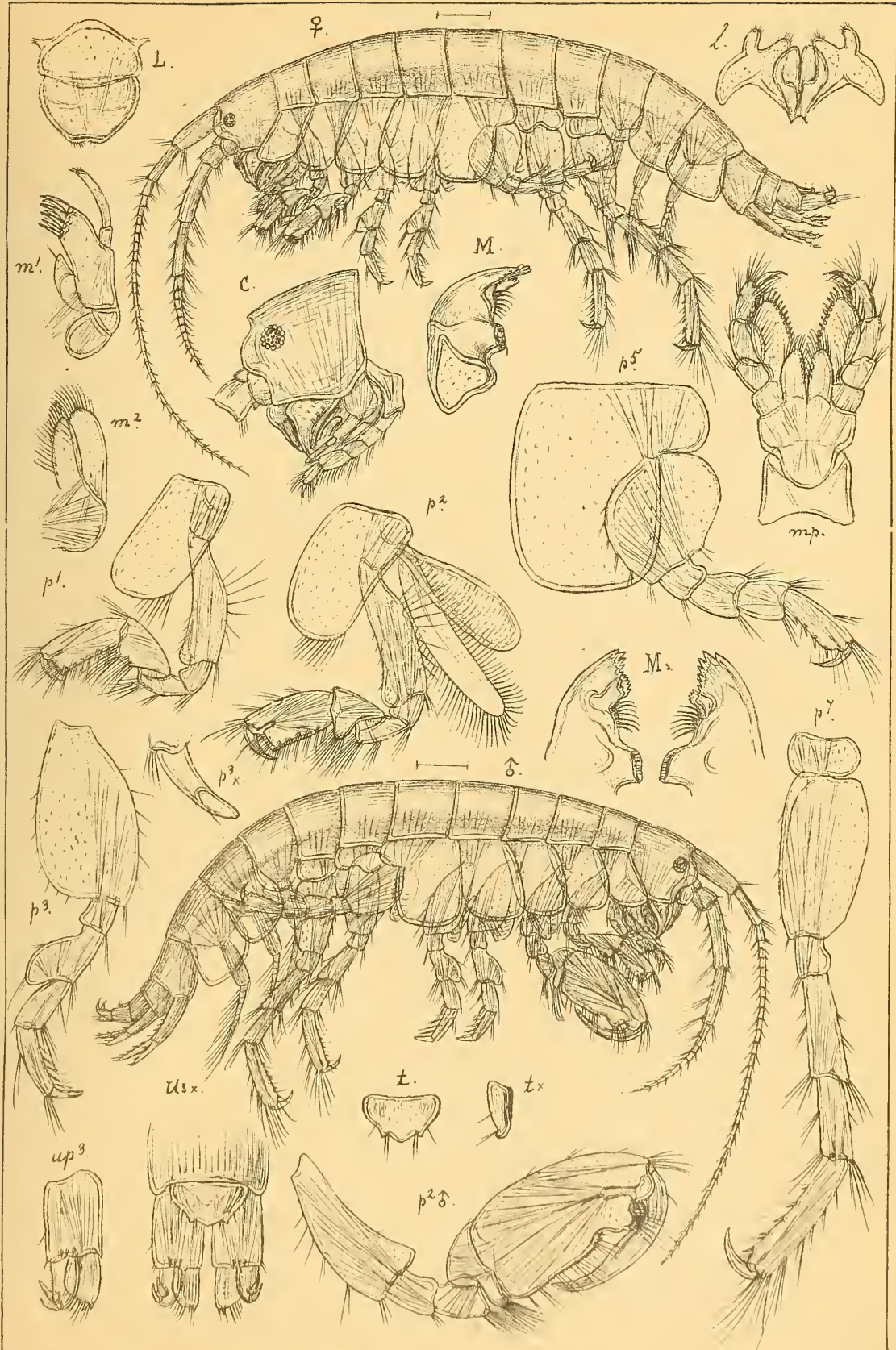
G.O.Sars autogr.

Amphithoë rubricata, (Mont.)



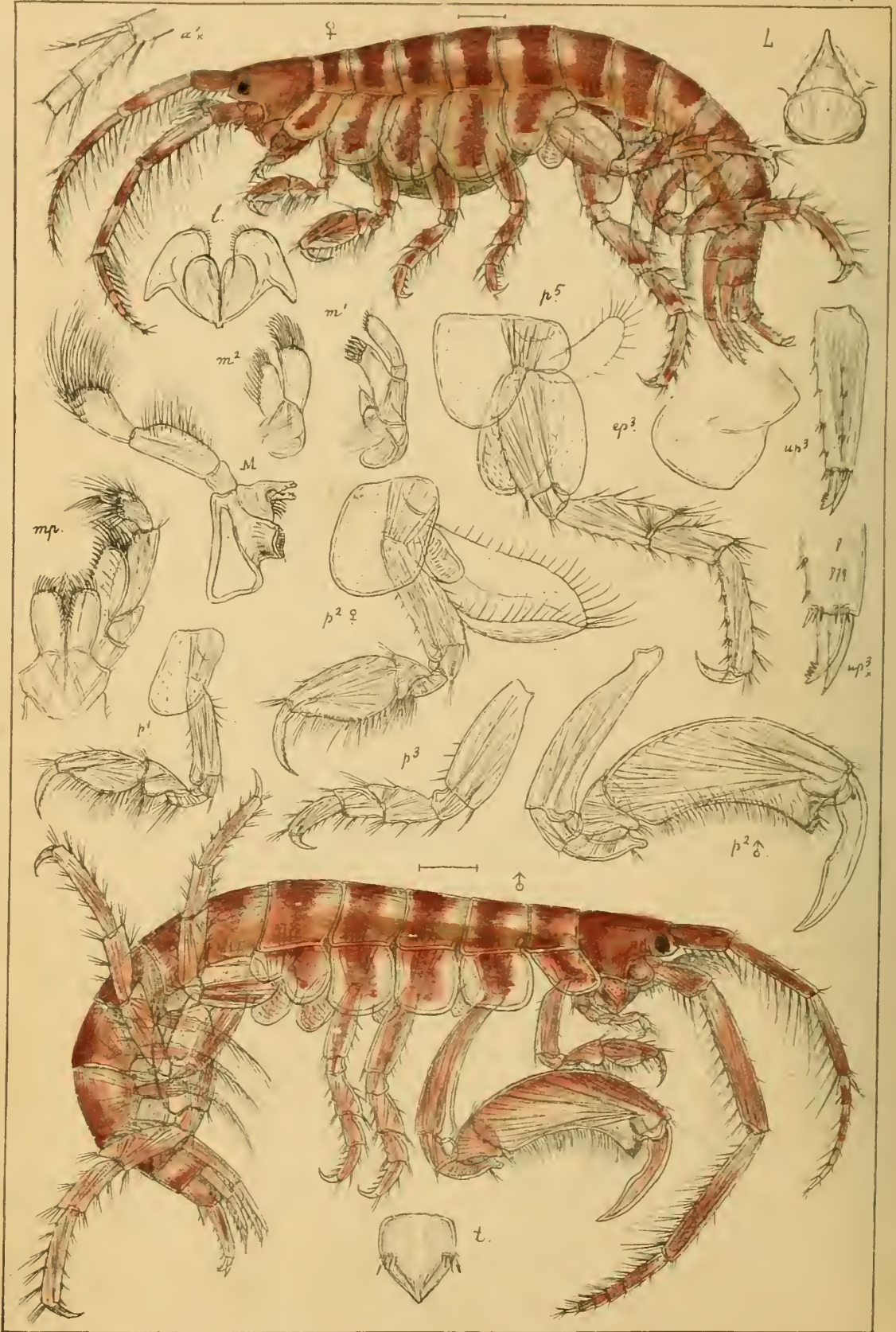
G.O. Sars autogr

Pleonexes gammaroides, Sp. Bate.



G.O Sars autogr.

Sunamphithoë conformata, Sp. Bate.

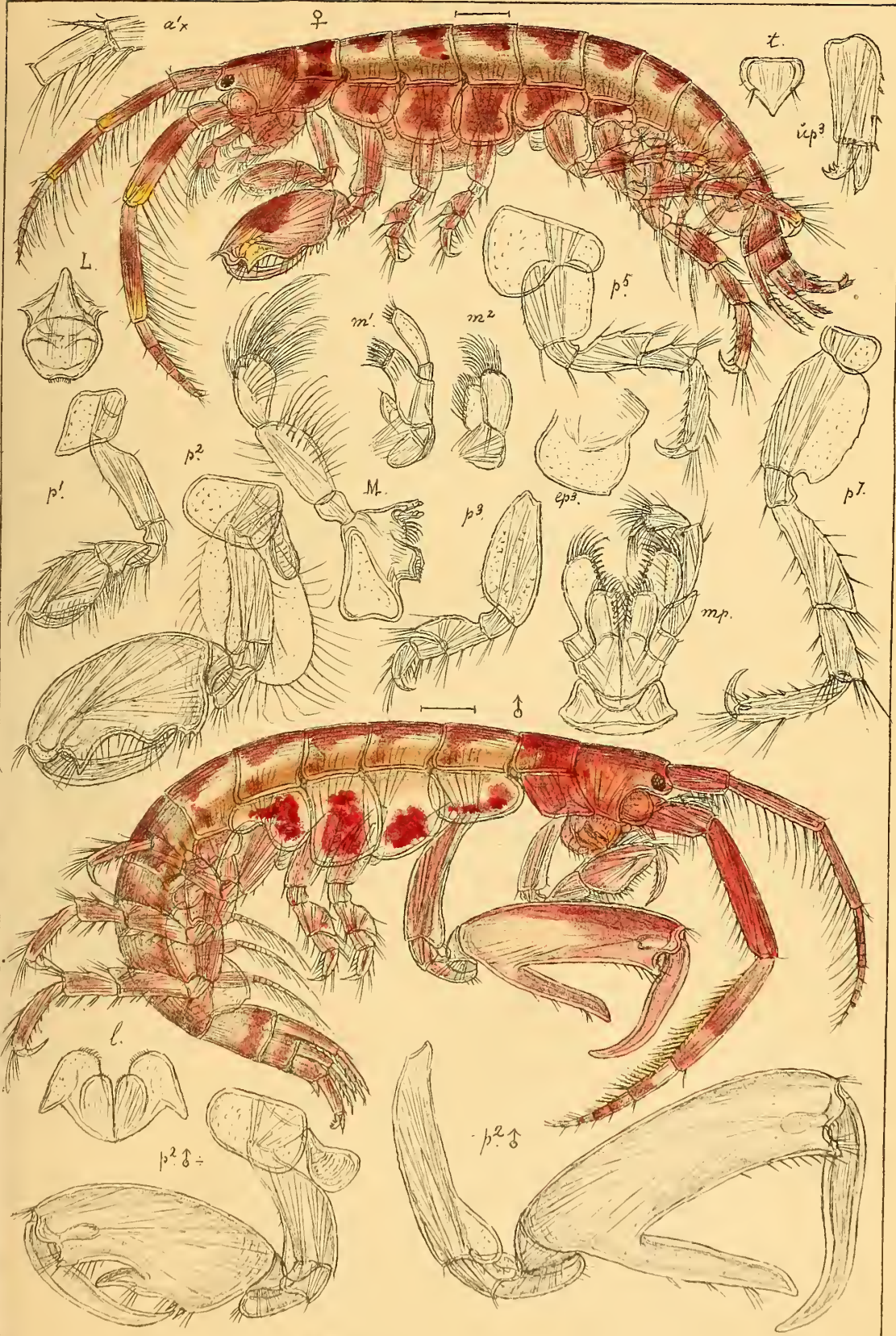


G.O. Sars autogr. *Ischyrocerus angvipes*, Kröyer.



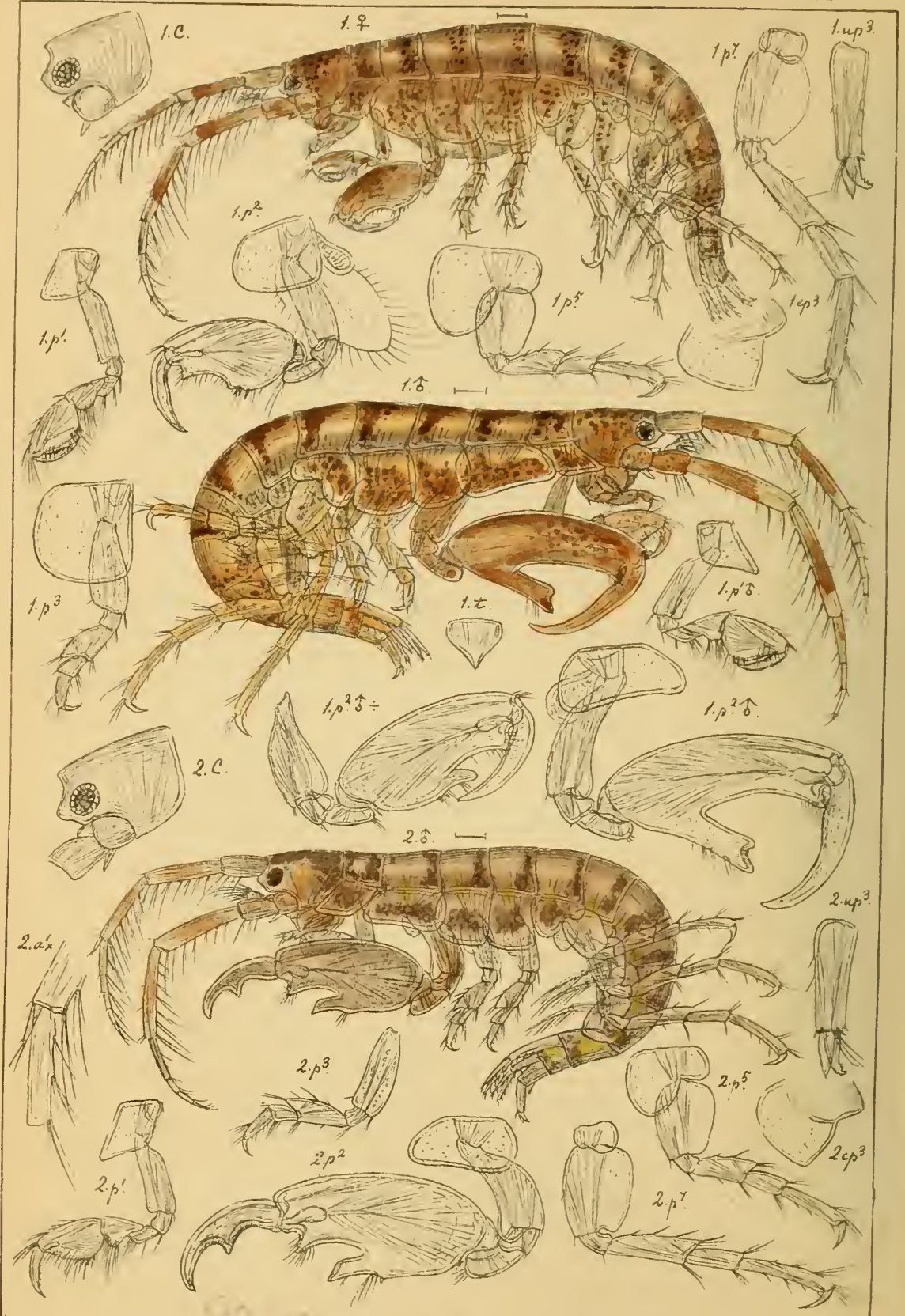
G.O.Sars autogr.

1. *Ischyrocerus minutus*, Lilljeborg.
 2. *Ischyrocerus megalops*, n.sp.



G.O.Sars autogr.

Podocerus falcatus, (Mont.)



G.O.Sars autogr. 1. Podocerus pusillus, G.O.Sars.
 2. Podocerus odontonyx, n. sp.



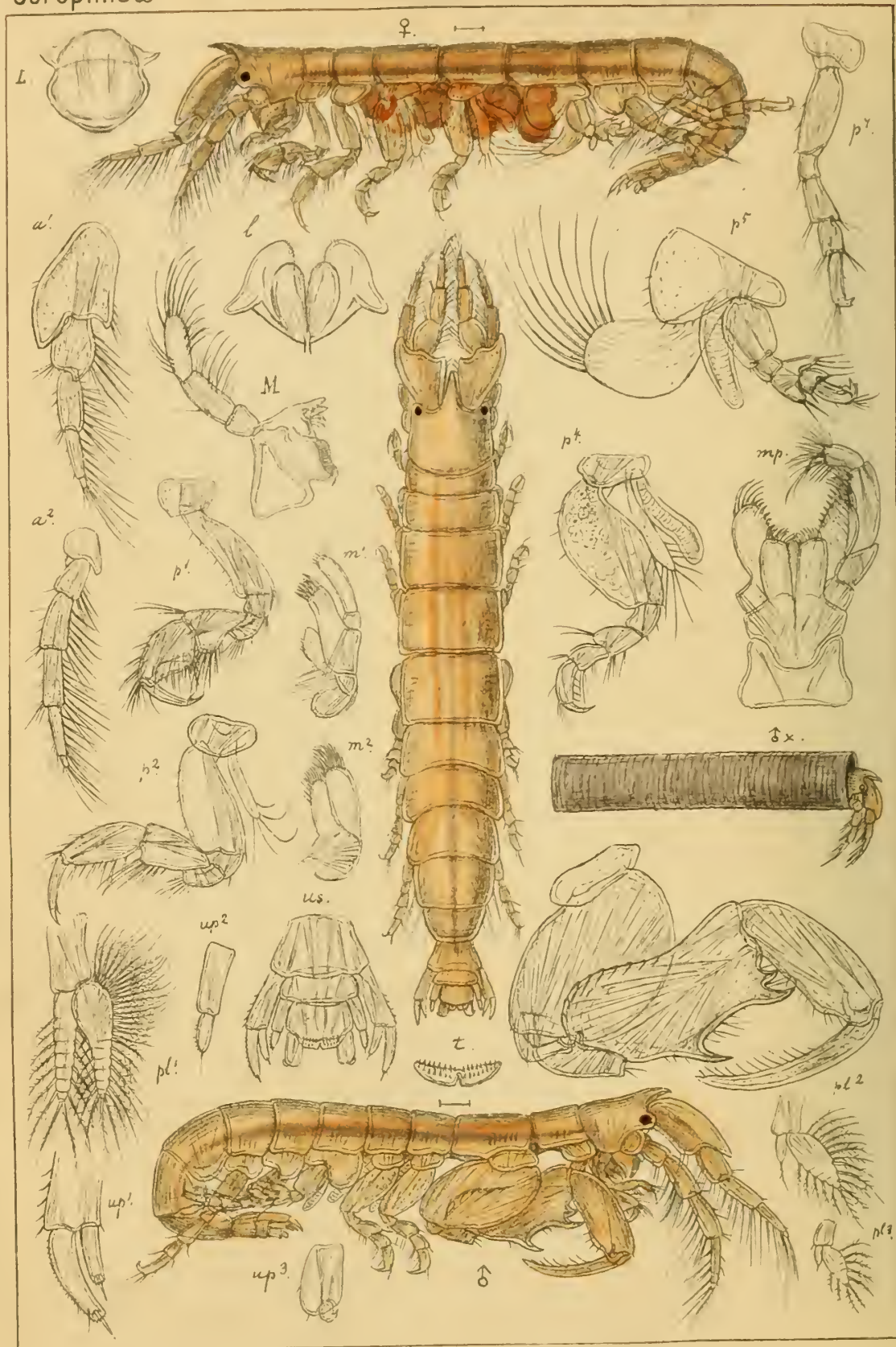
G.O Sars autogr. *Janassa capillata*, (Rathke).



GO Sars autogr. *Erichthonius abditus*, (Templett.)

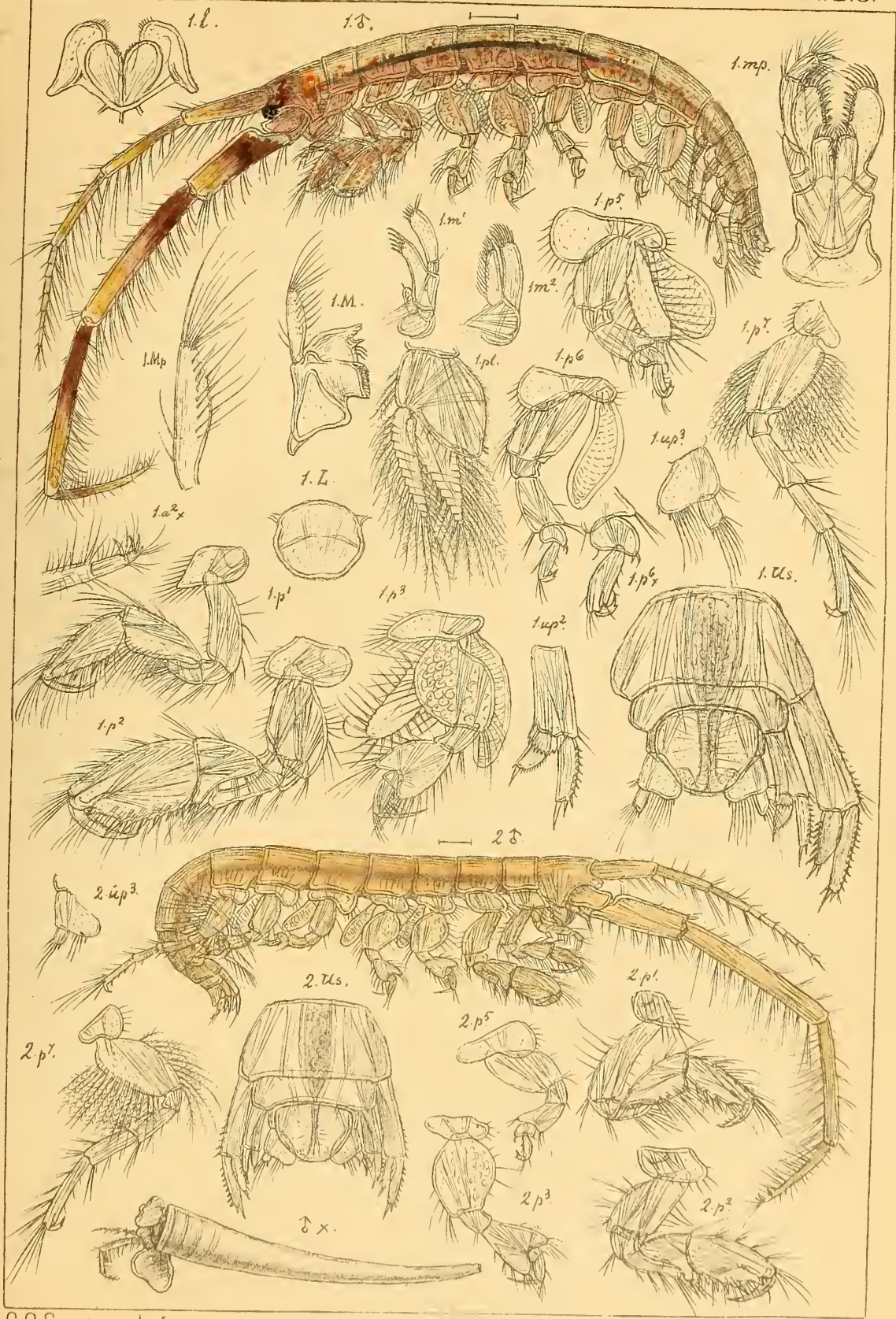


G.O.Sars autogr. 1. *Erichthonius difformis*, M-Edw.
 2. *Erichthonius Hunteri*, Sp. Bate.



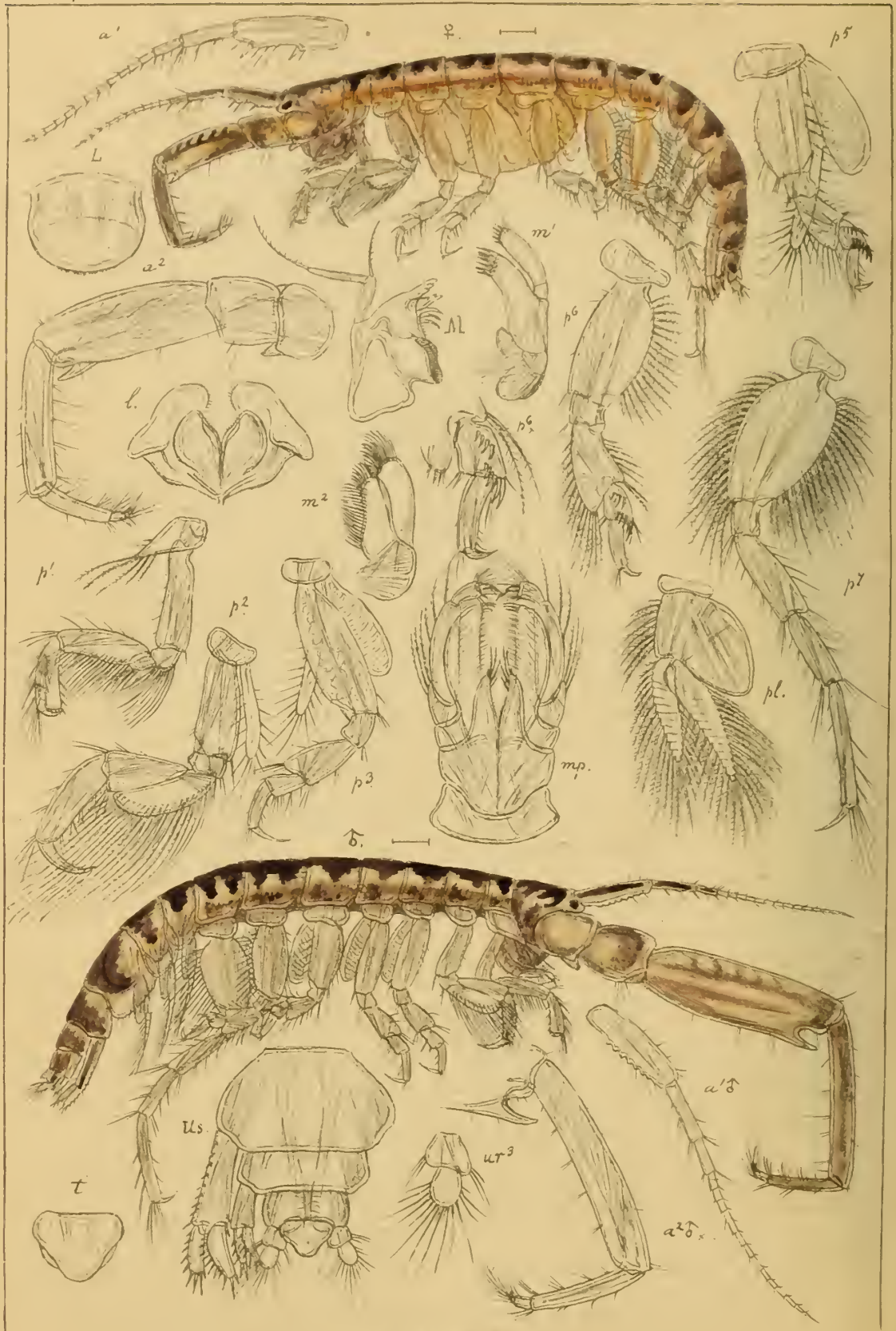
G.O Sars autogr

Cerapus crassicornis (Sp Bate.)



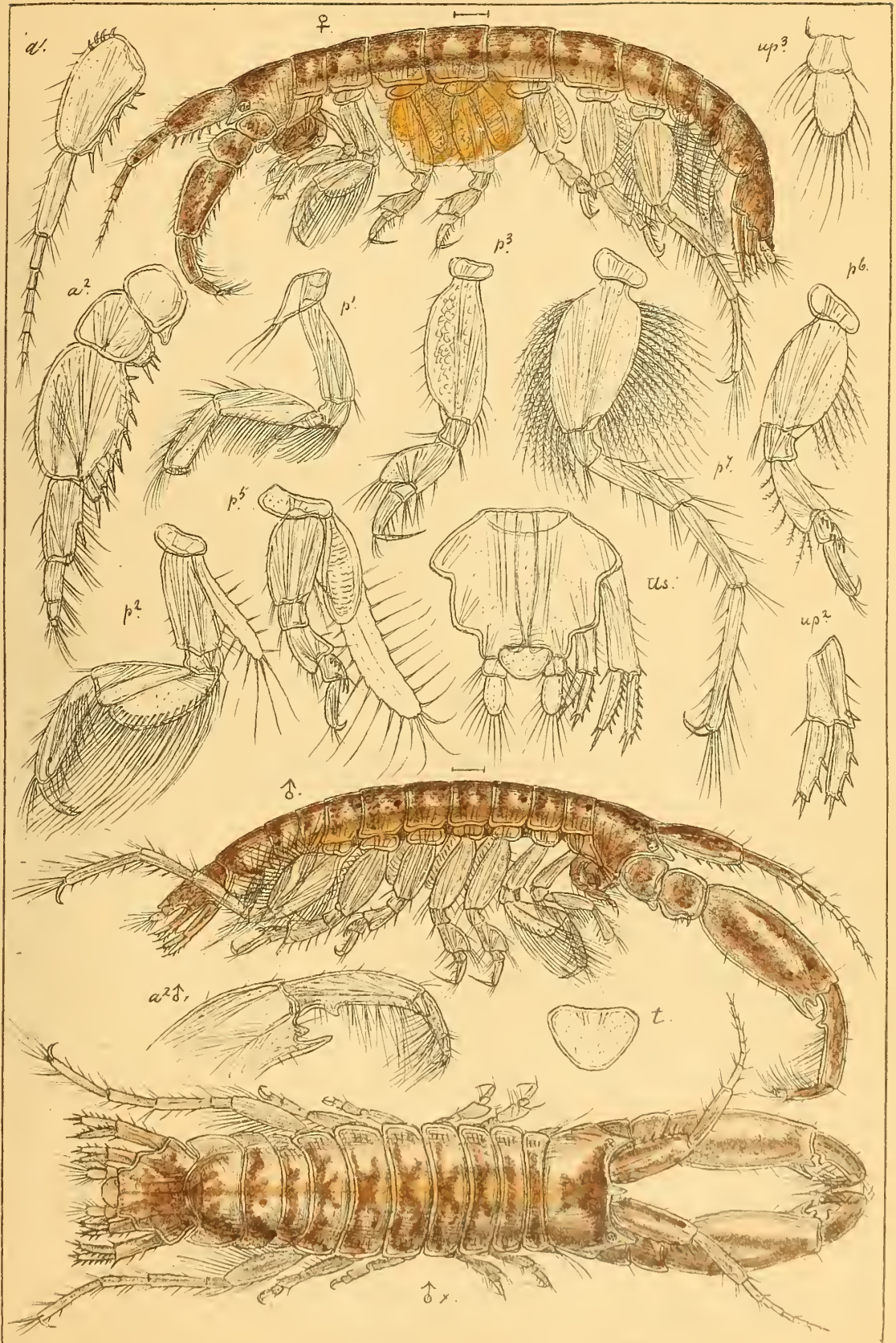
G.O.Sars autogr.

- 1. *Siphonoecetes Colletti*, Boeck.
- 2. *Siphonoecetes pallidus*, G.O.Sars.



G.O.Sars autogr.

Corophium grossipes (Linné).

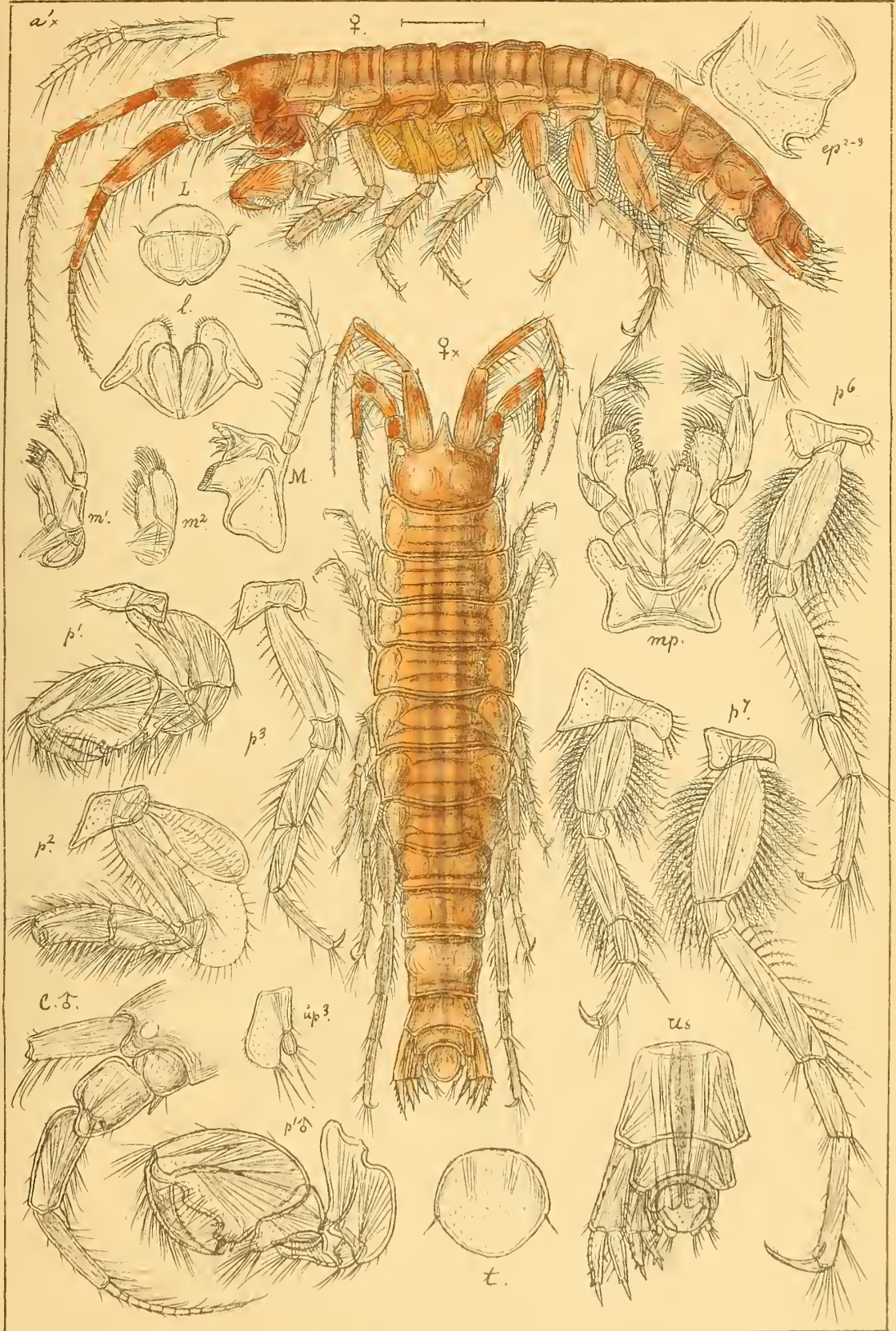


G.O.Sars autogr. *Corophium crassicorne*, Bruzel.



G.O Sars autogr.

1. Corophium Bonelli, M.-Edw.
2. Corophium affine, Bruzel.

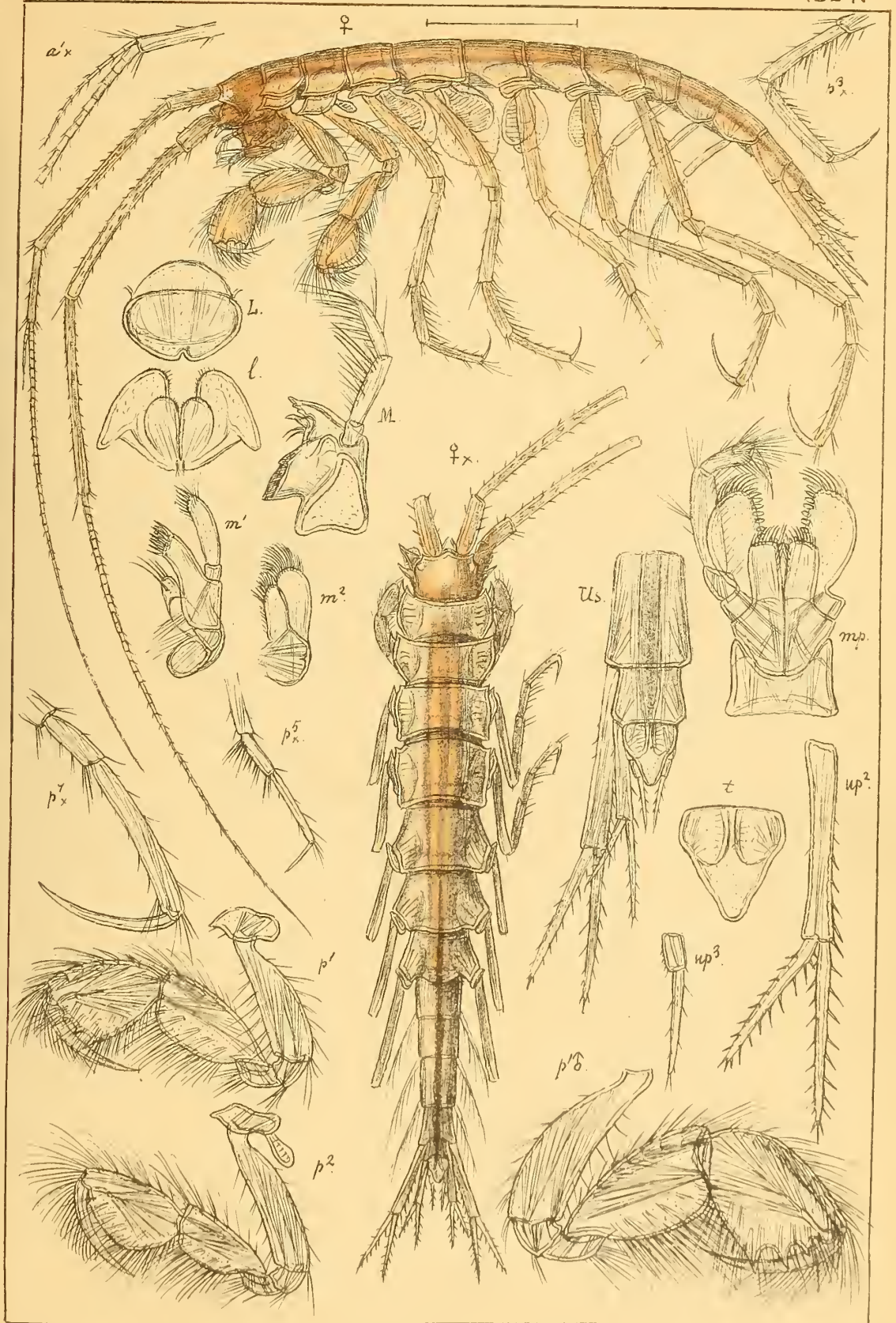


G.O.Sars autogr.

Unciola leucopis, (Kröyer.)

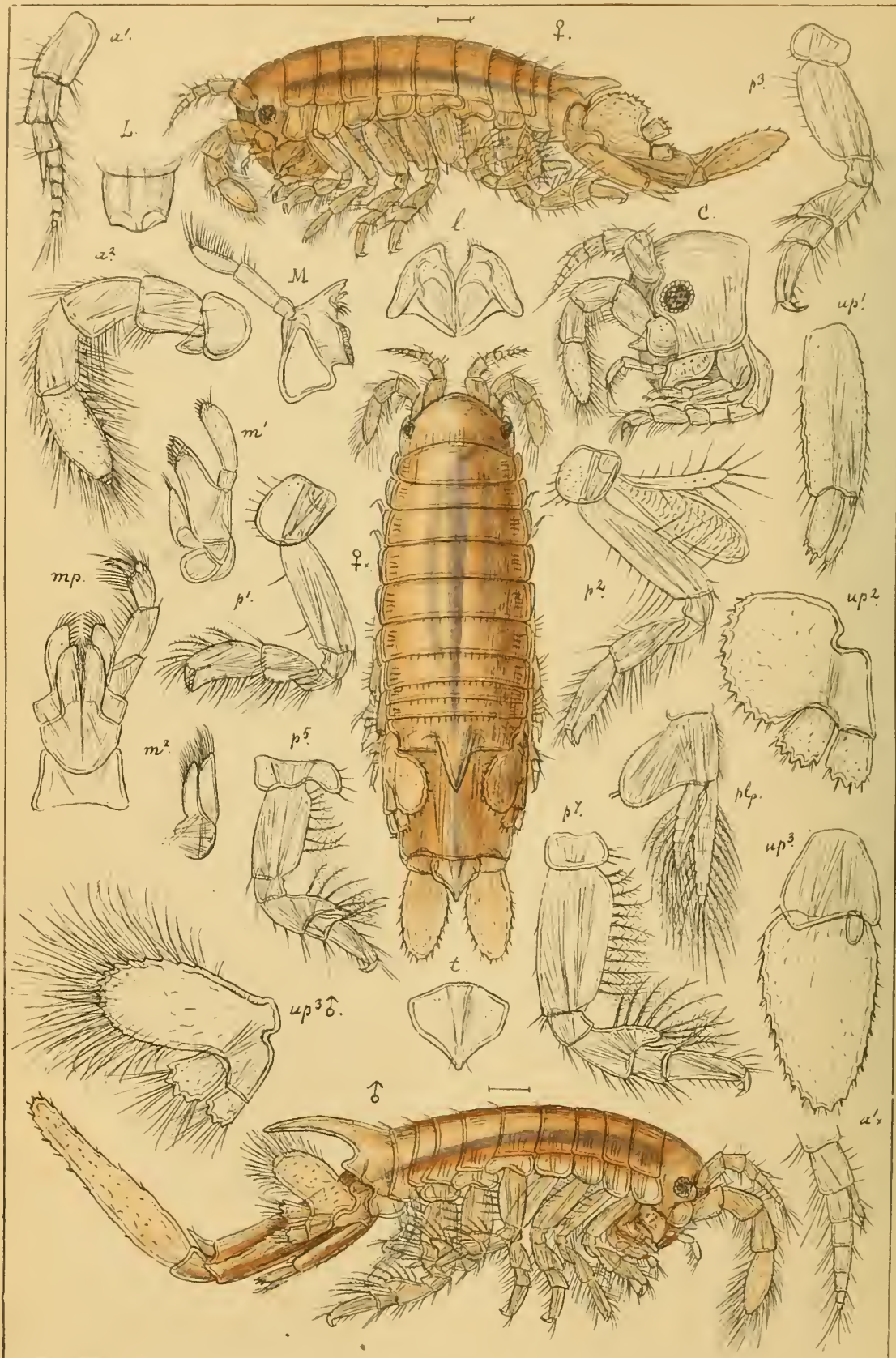


G.O. Sars autogr. *Unciola planipes*, Norm.



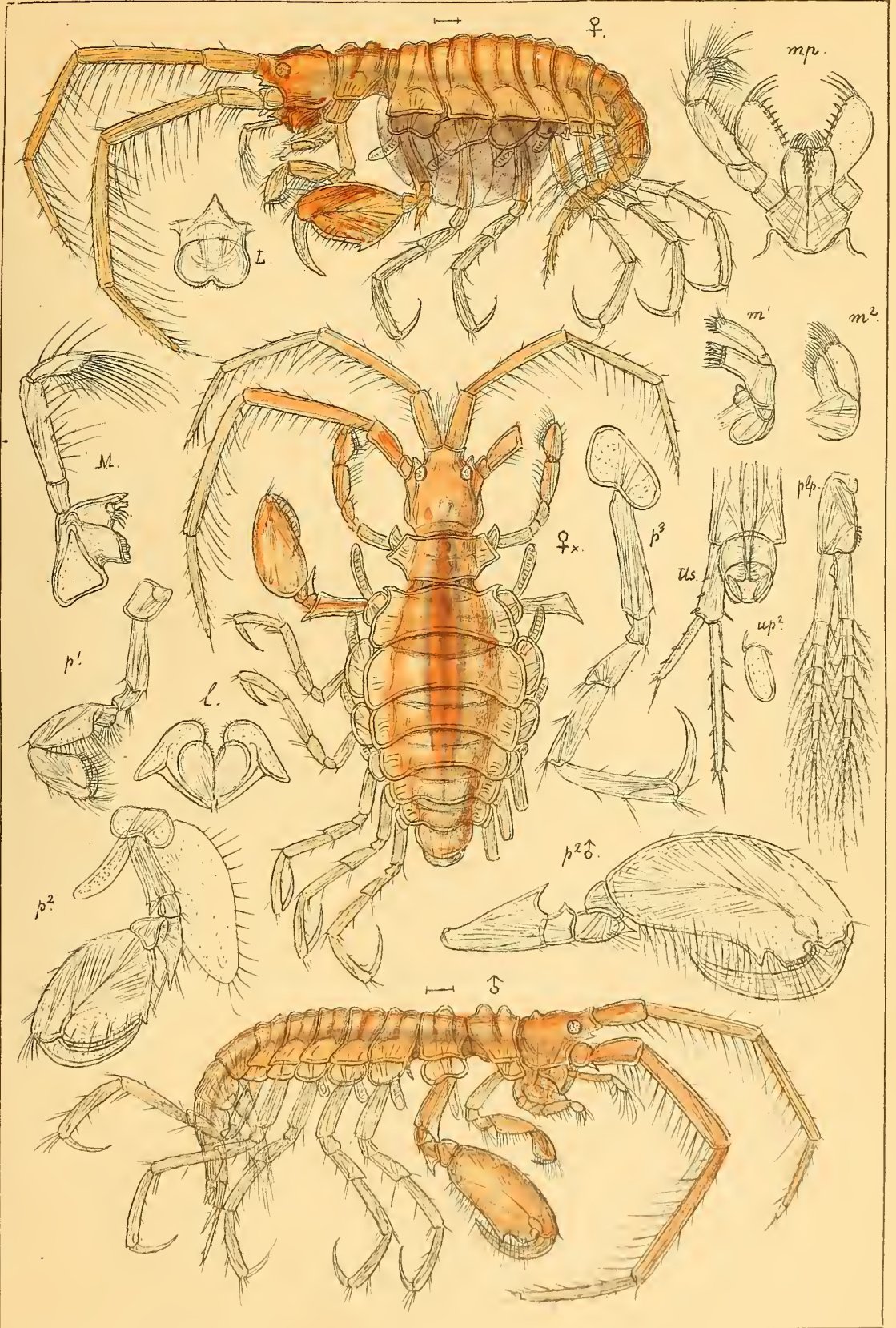
G.O.Sars autogr.

Neohela monstrosa, (Boeck).



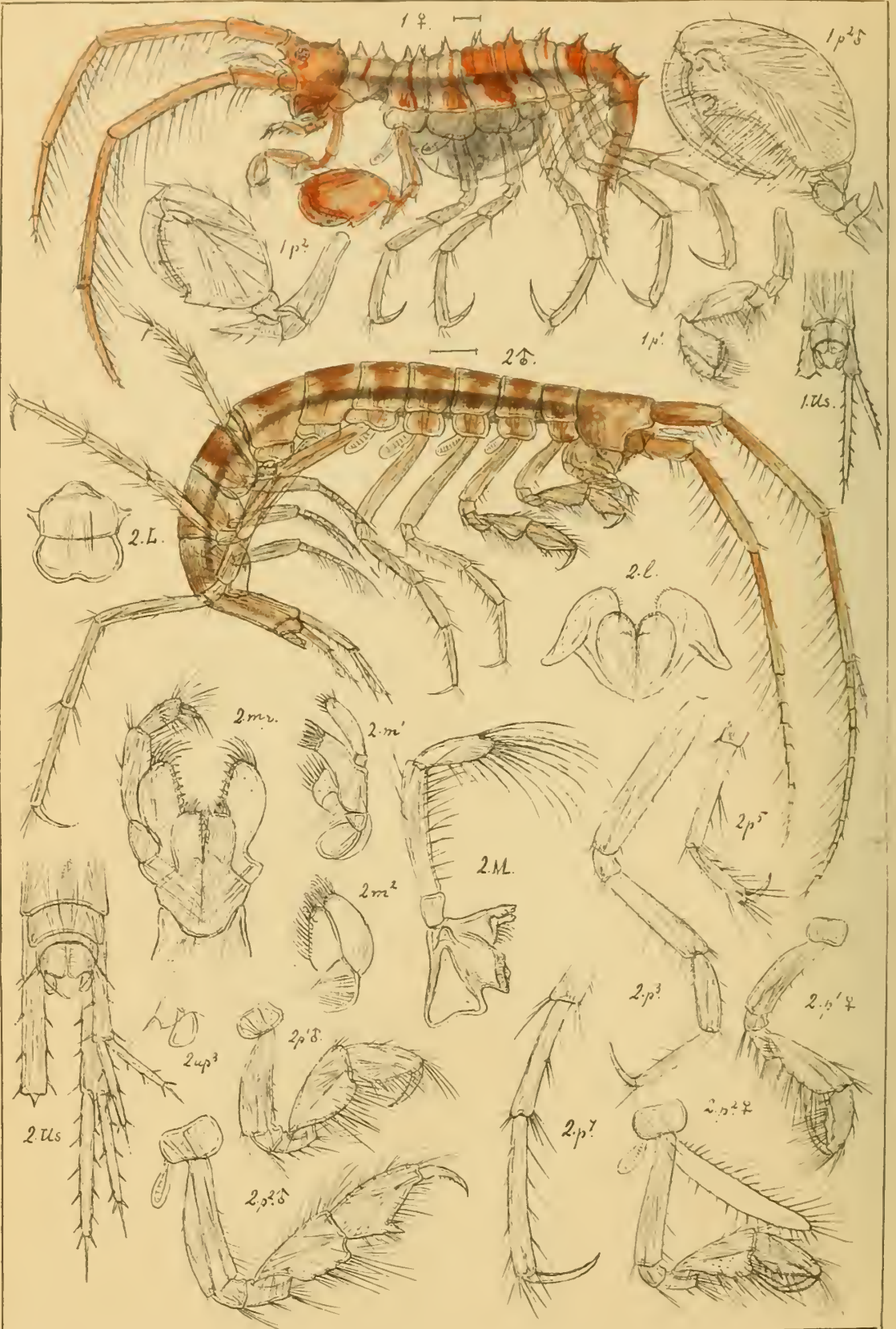
G.O.Sars autogr.

Chelura terebrans, Phil.



G.O.Sars autogr.

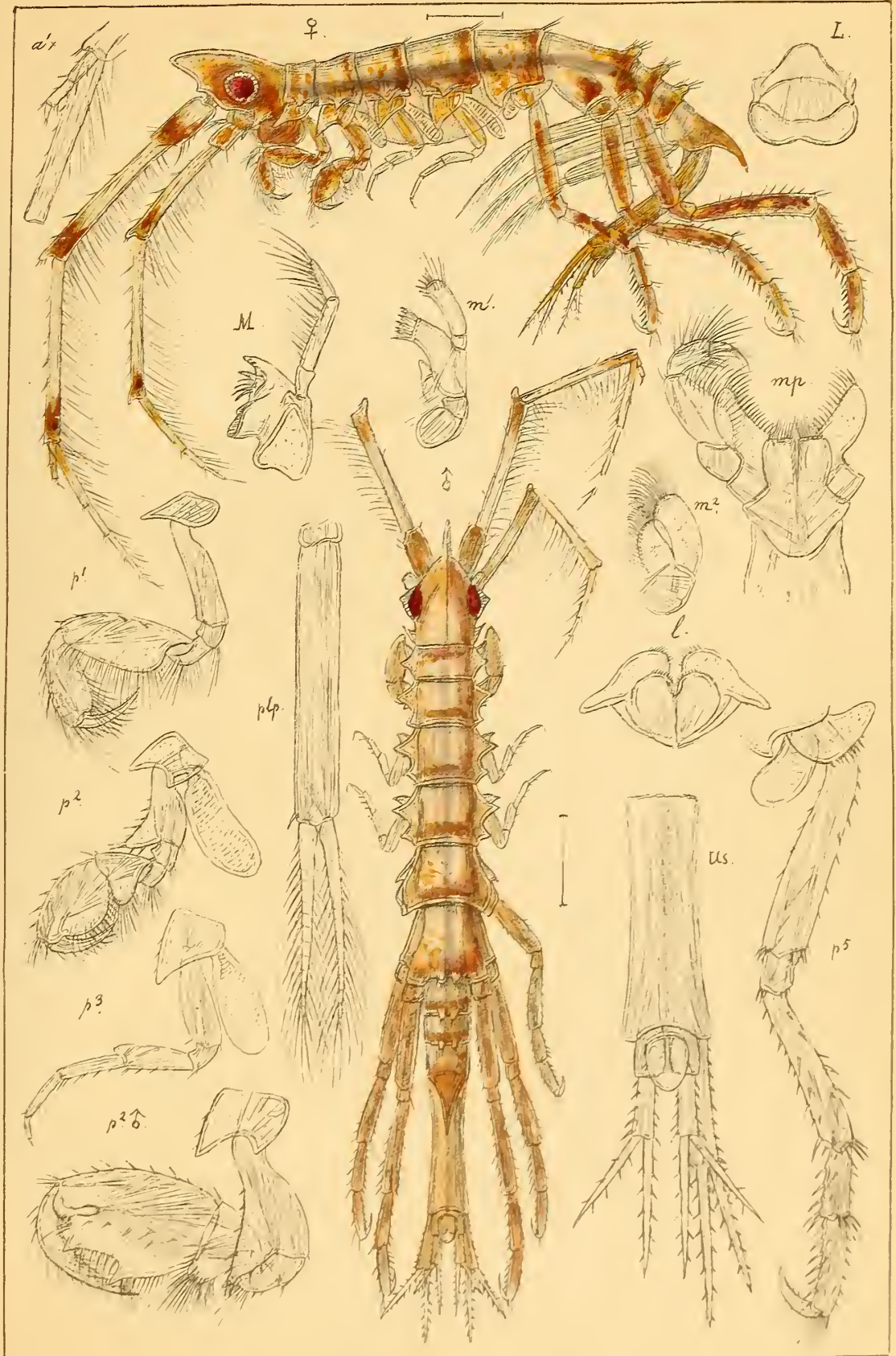
Lætmatophilus tuberculatus, Bruz.



G.O.Sars autogr.

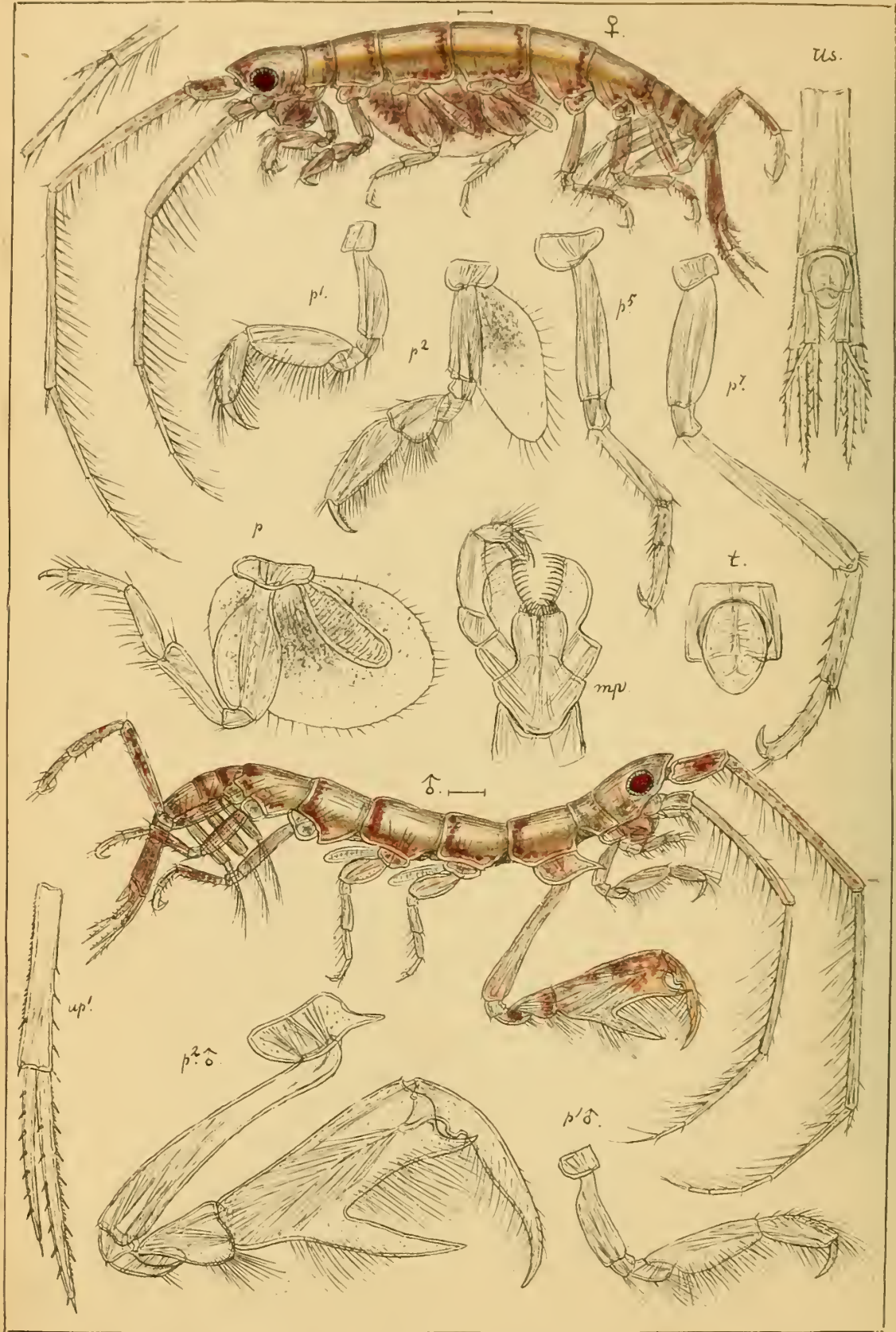
1. *Lætmatophilus armatus*, (Norm.).

2. *Xenodice Frauenfeldti*, Boeck.



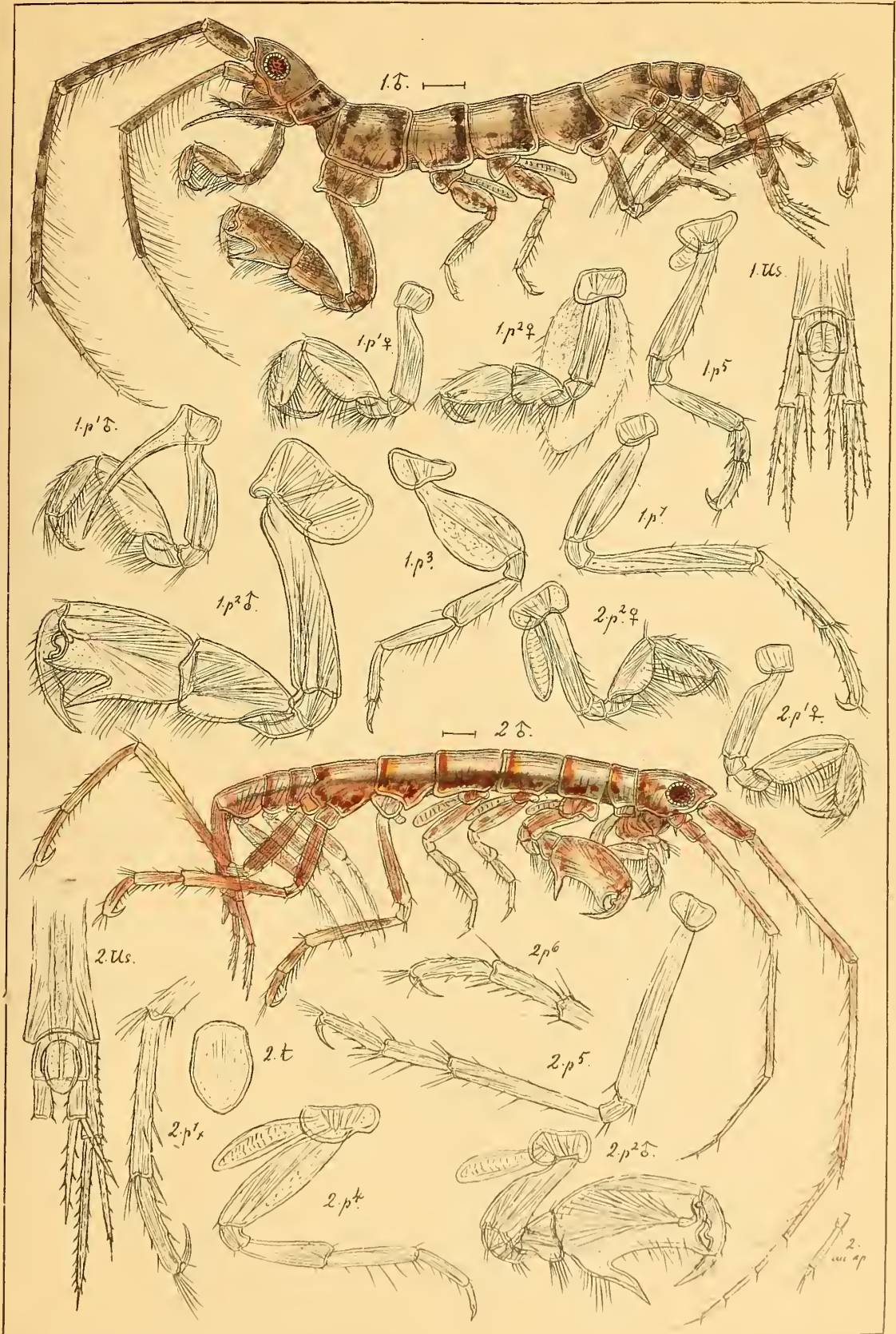
G.O Sars autogr

Dulichia spinosissima, Kröyer.



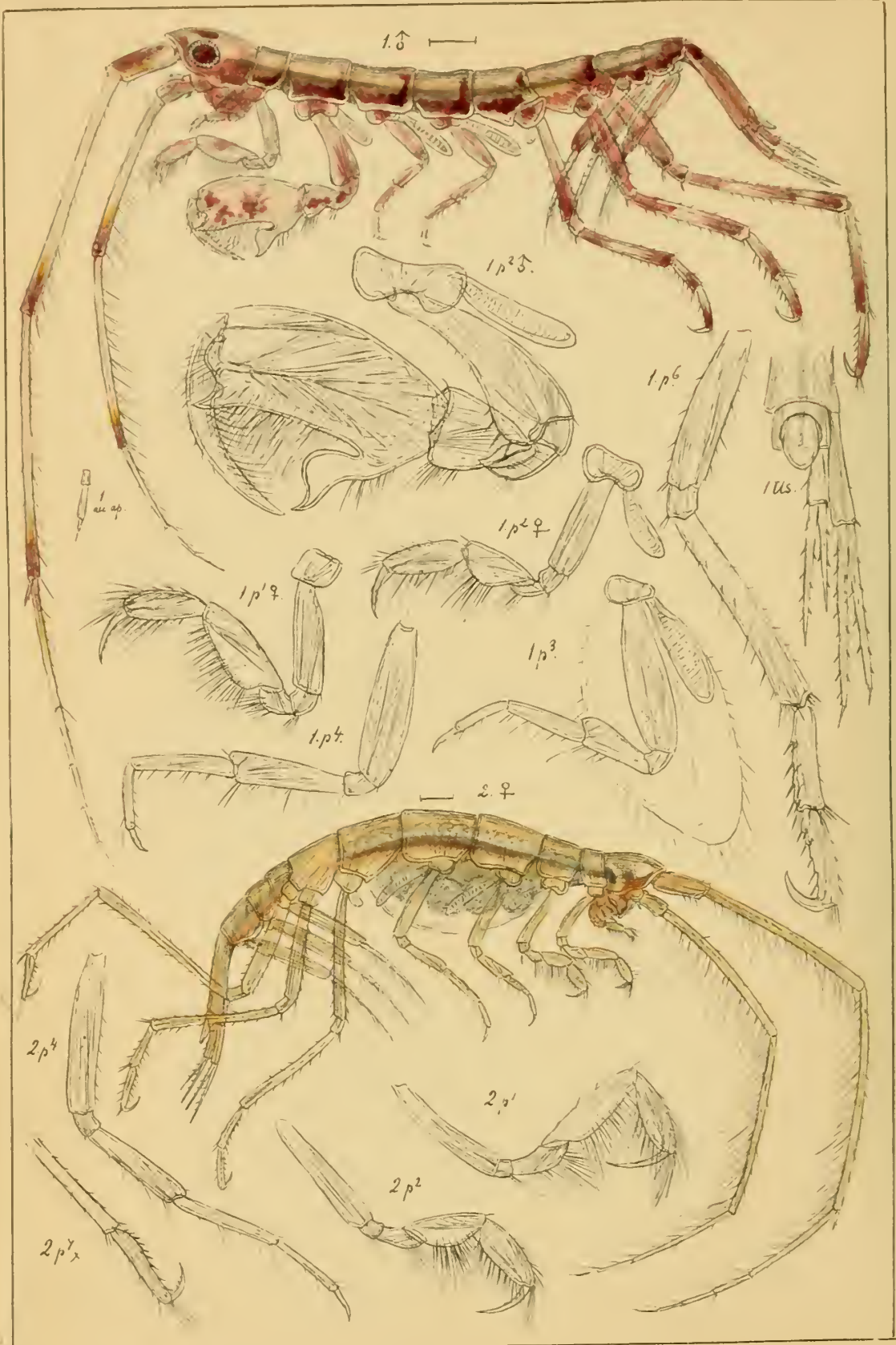
G.O.Sars autogr.

Dulichia porrecta, Sp. Bate.



G.O.Sars autogr.

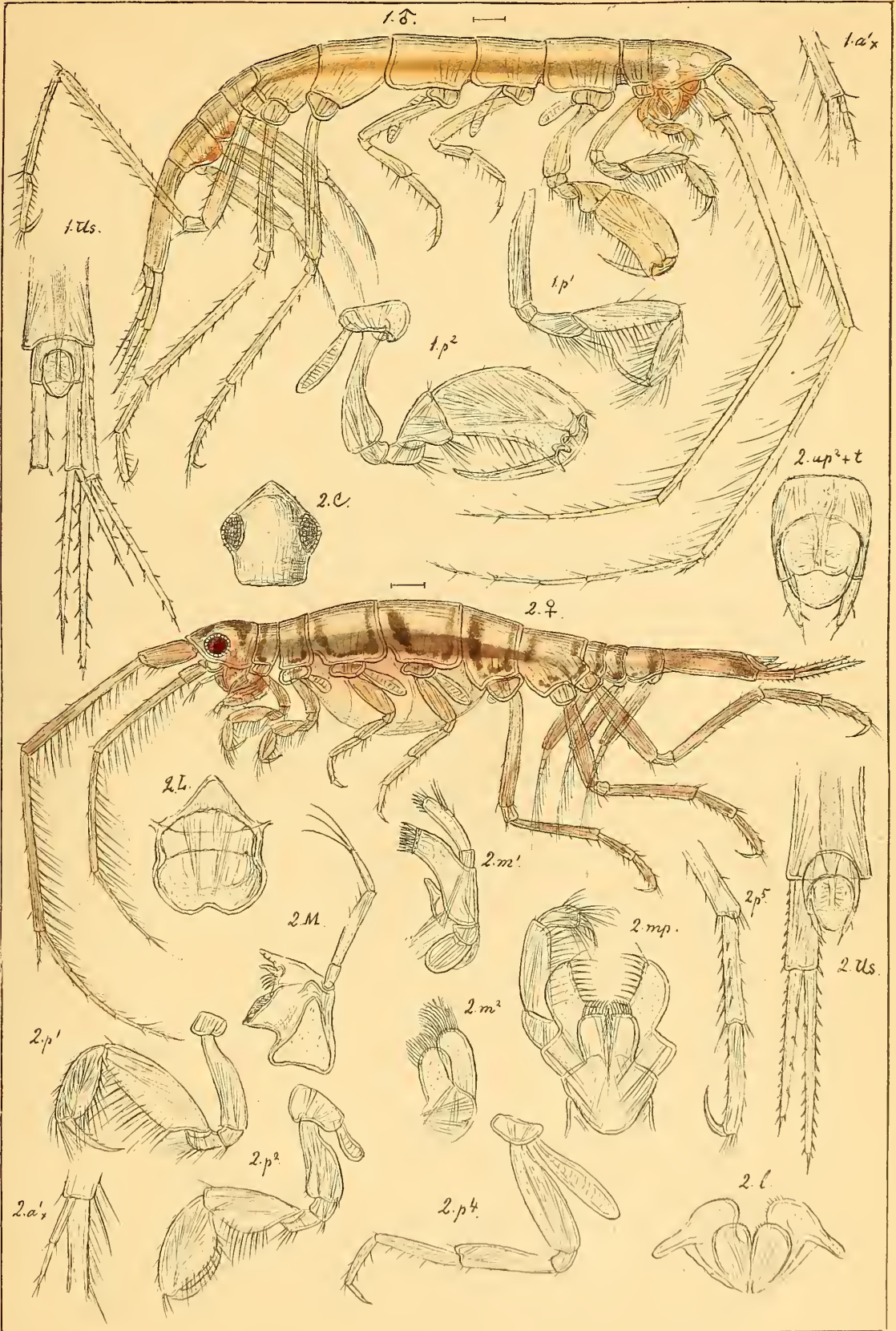
1. *Dulichia monacantha*, Metzger.
 2. *Dulichia curticauda*, Boeck.



GO Sars autogr.

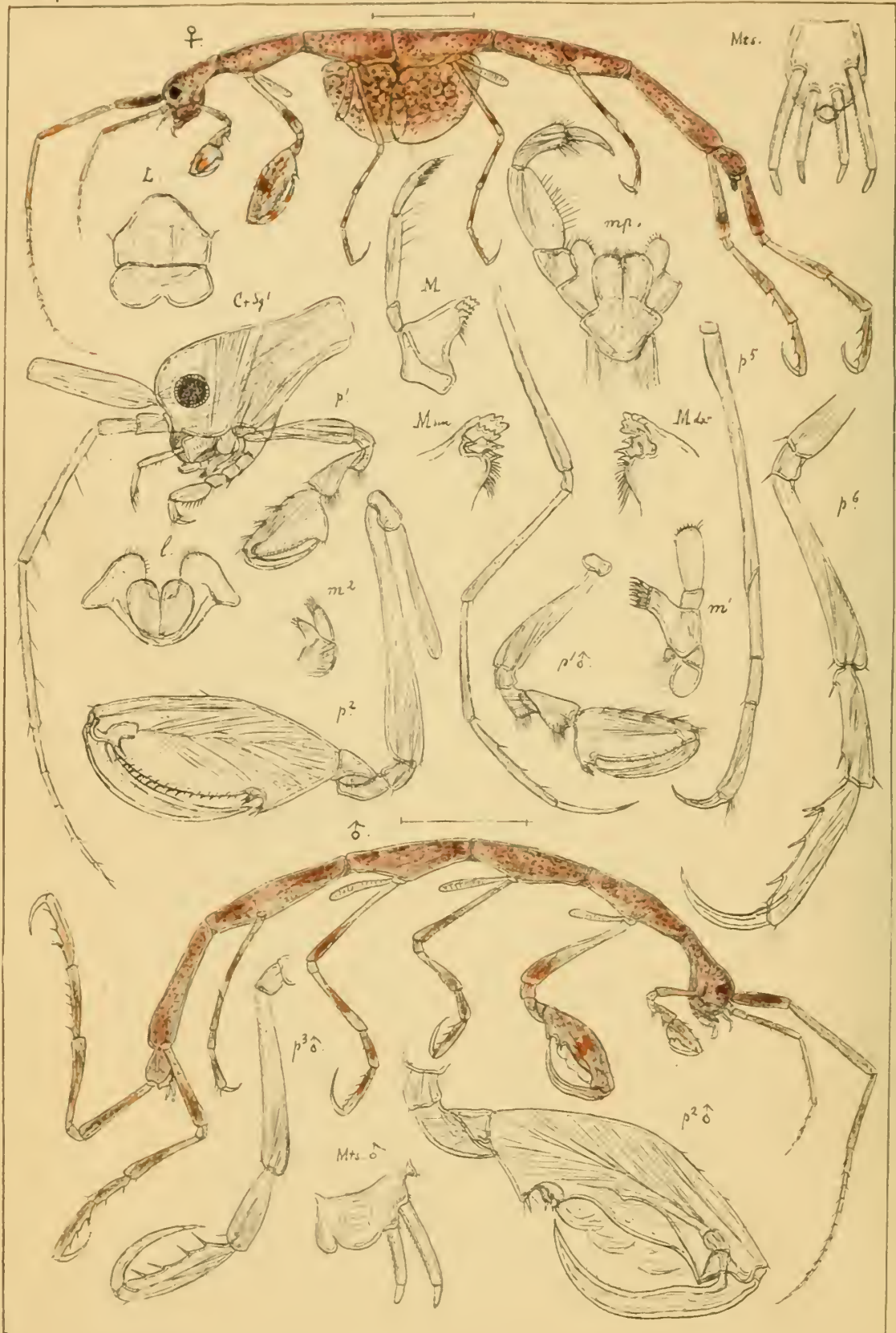
1. *Dulichia falcata*, Sp. Bate.

2. *Dulichia nordlandica*, Boeck. ♀.



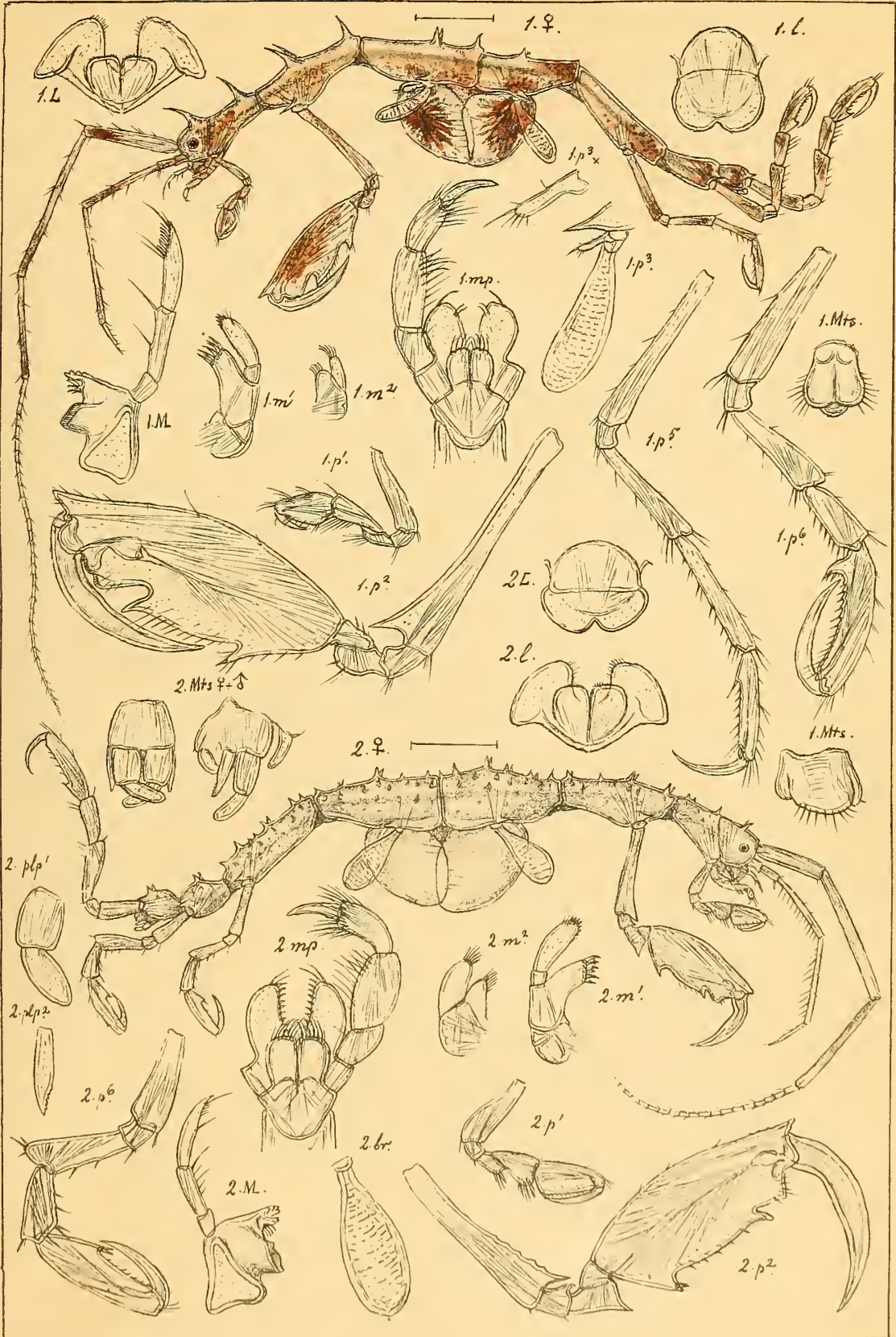
G.O.Sars autogr.

1. *Dulichia nordlandica*, Boeck ♂
 2. *Paradulichia typica*, Boeck.



G.O. Sars autogr.

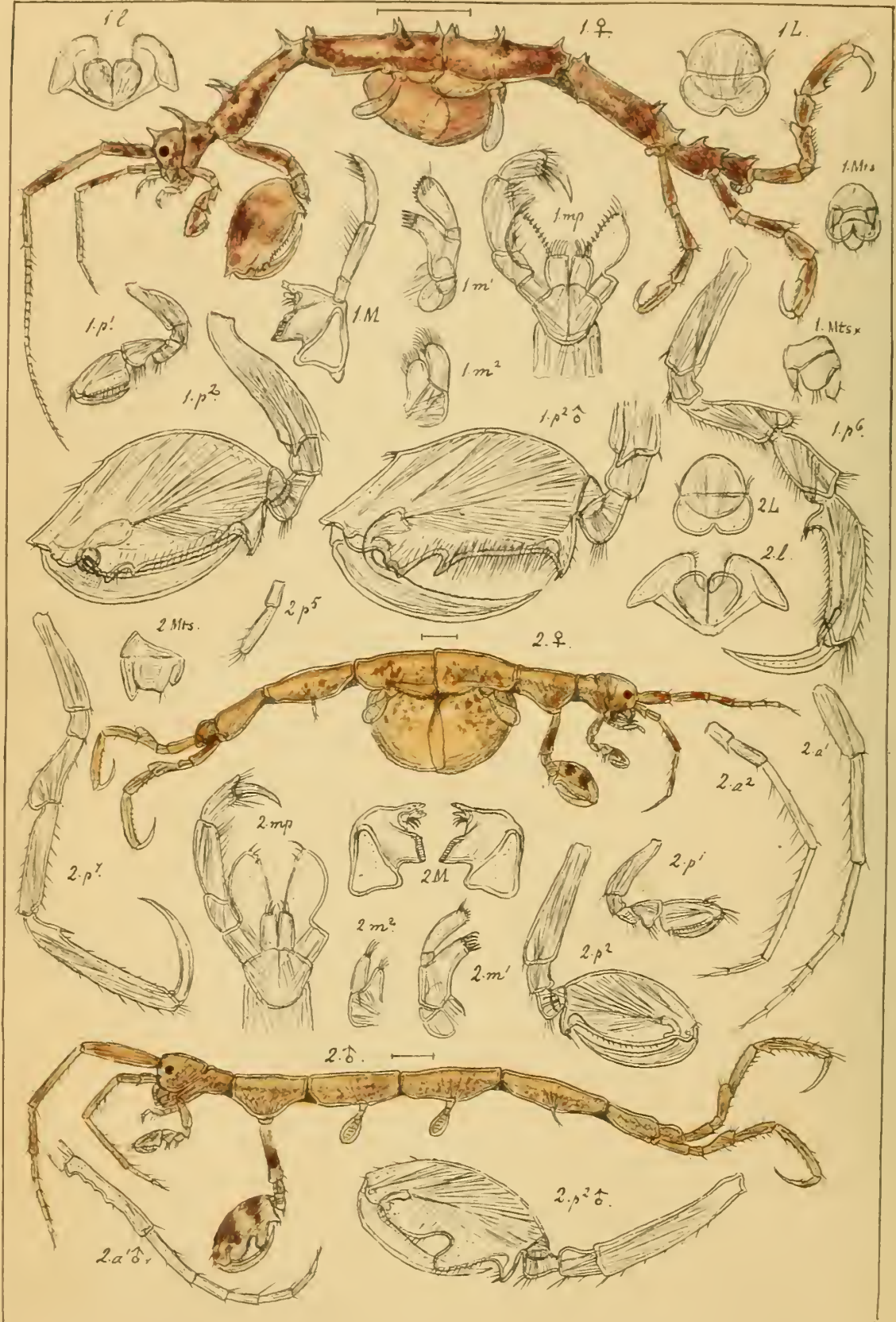
Proto pedata, (Müll.)



G.O Sars autogr.

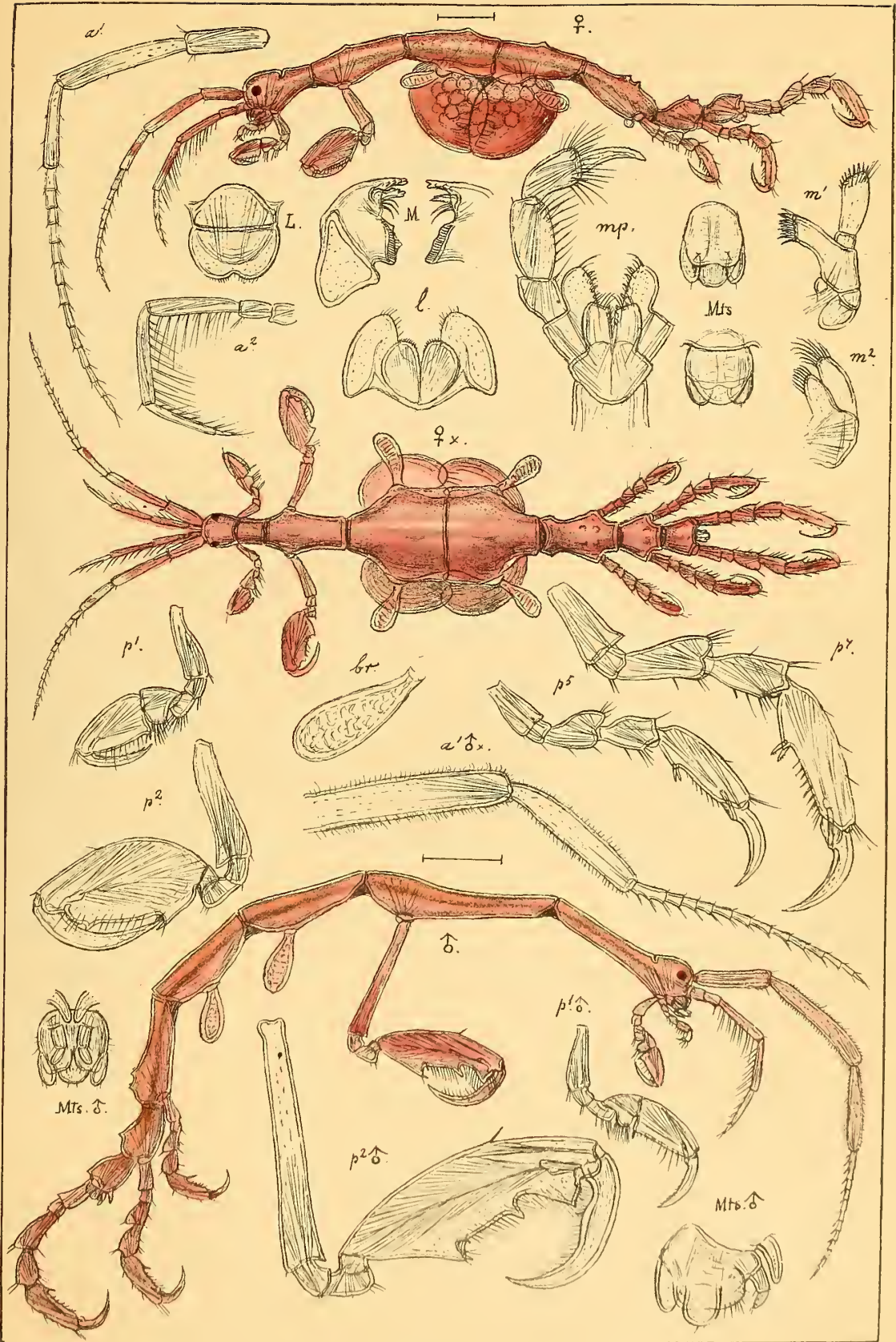
1. *Protella phasma*, (Mont.)
2. *Ægina echinata*, Boeck.

Ægina



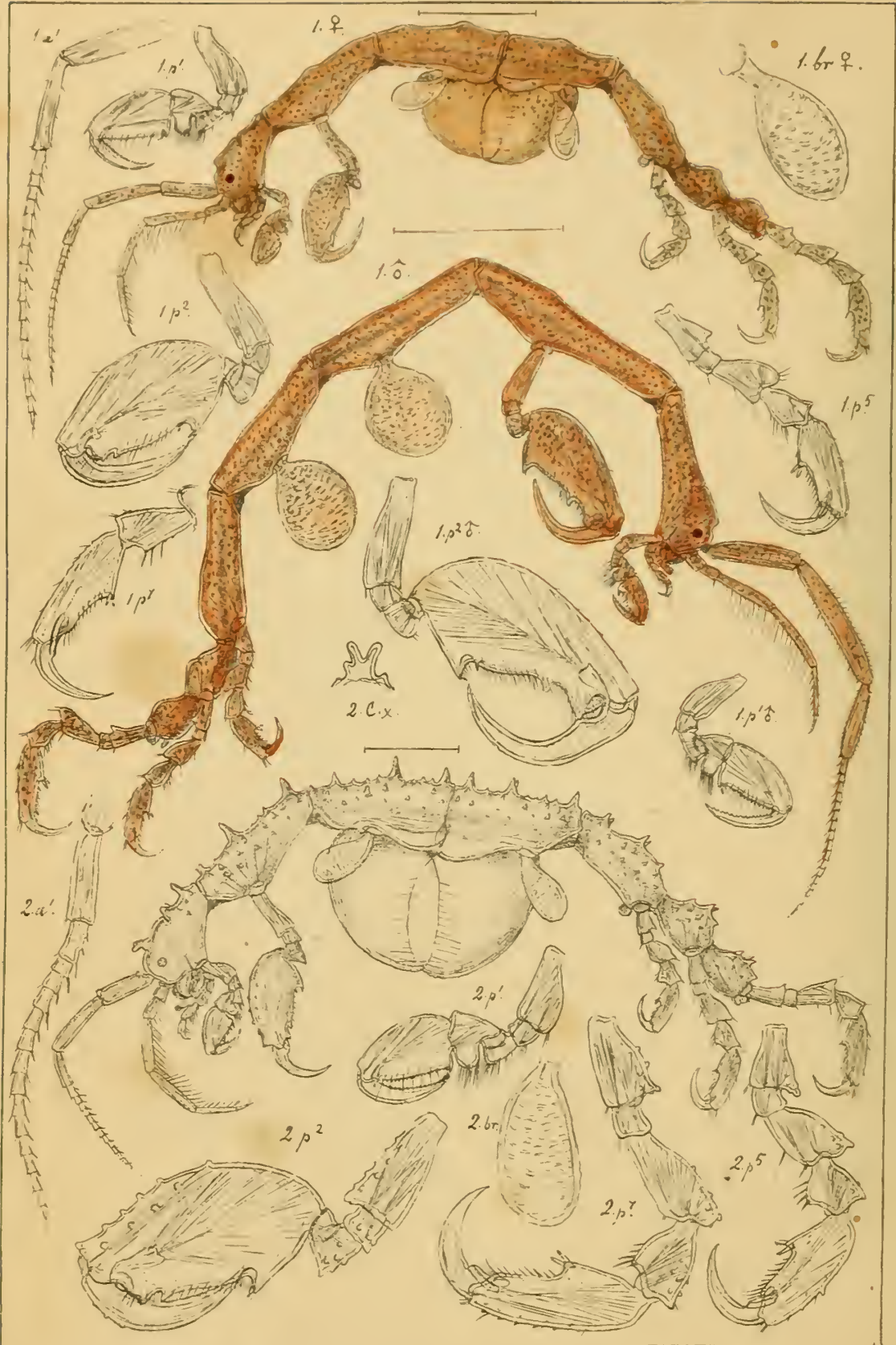
G.O.Sars autogr.

1. Æginella spinosa, Boeck.
 2. Podalirius typicus, Kröyer.



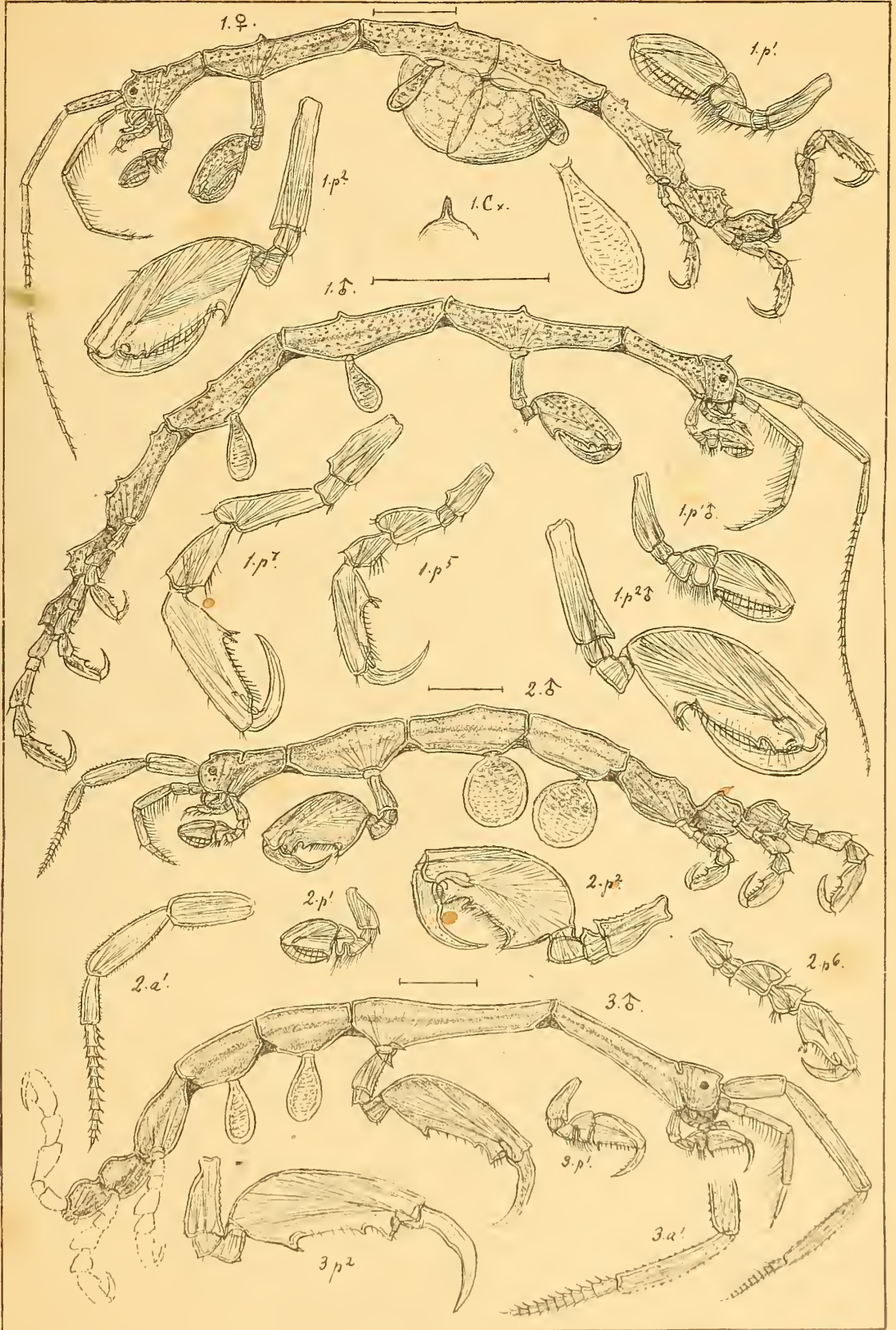
G.O.Sars autogr.

Caprella linearis, (Lin.)



G.O Sars autogr.

- 1. *Caprella septentrionalis*, Kröyer.
- 2. *Caprella punctata*, Boeck.

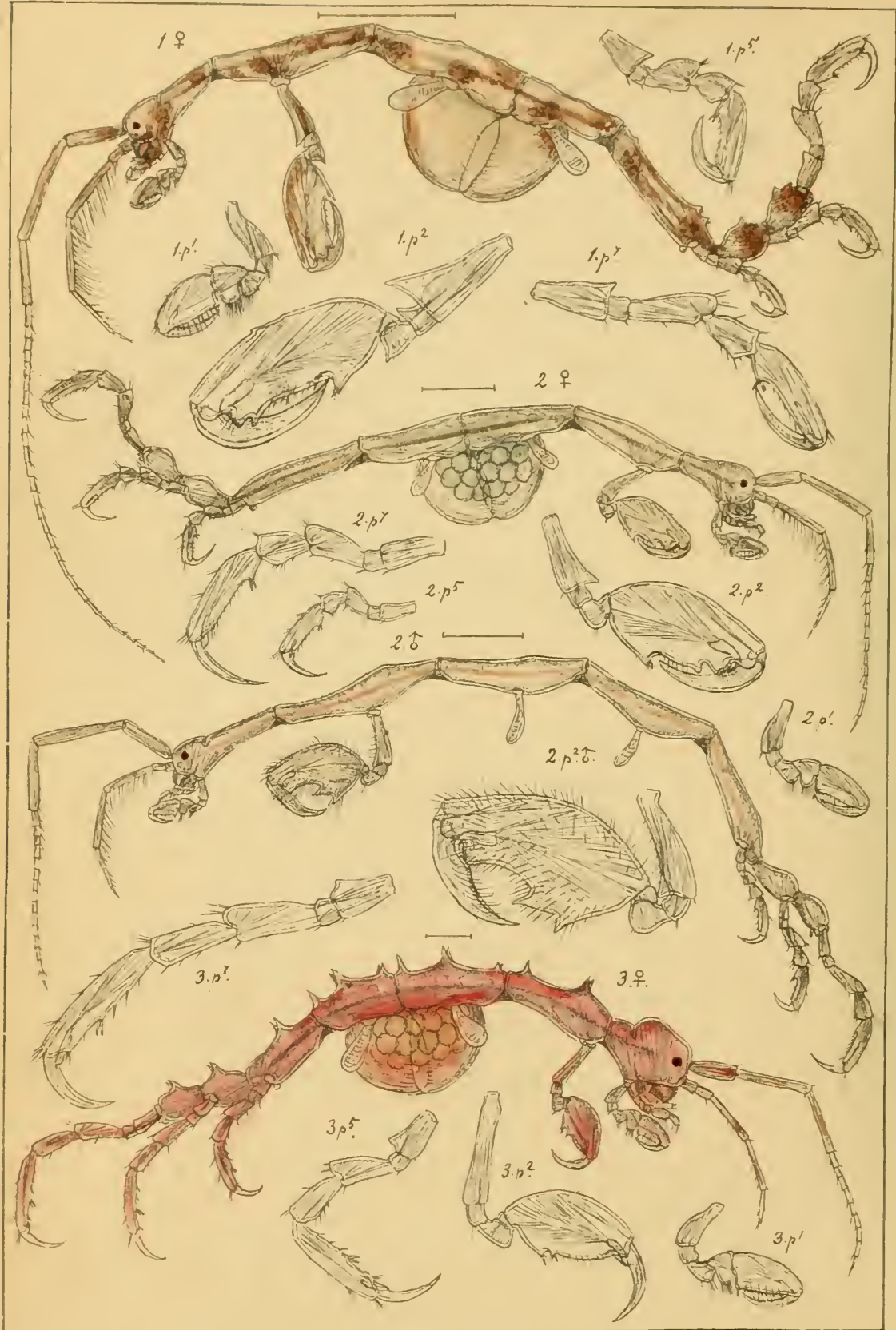


G.O.Sars autogr.

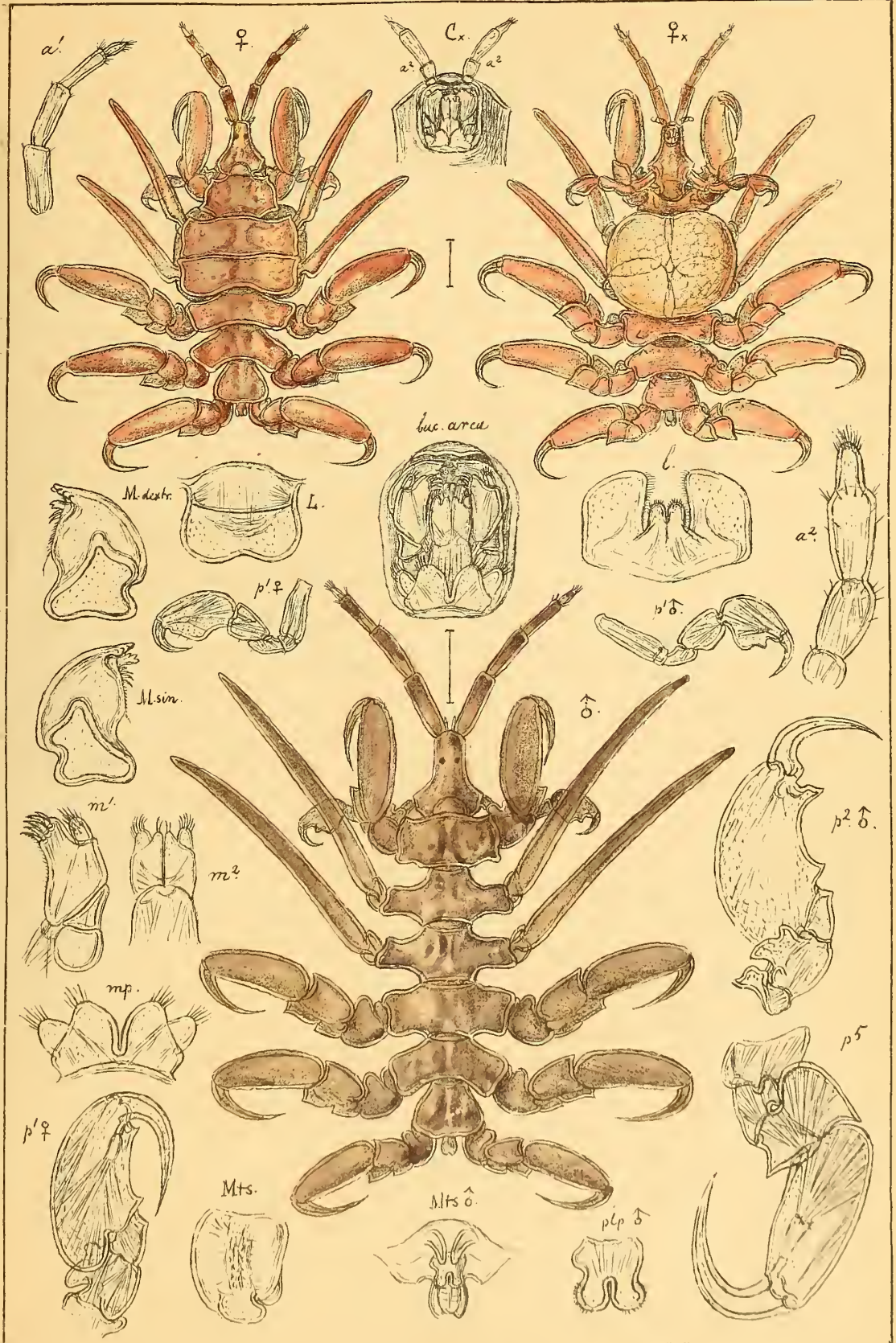
1. *Caprella monocera*, n.sp.

2. *Caprella Lovéni*, Boeck.

3. *Caprella æquilibra*, Say.

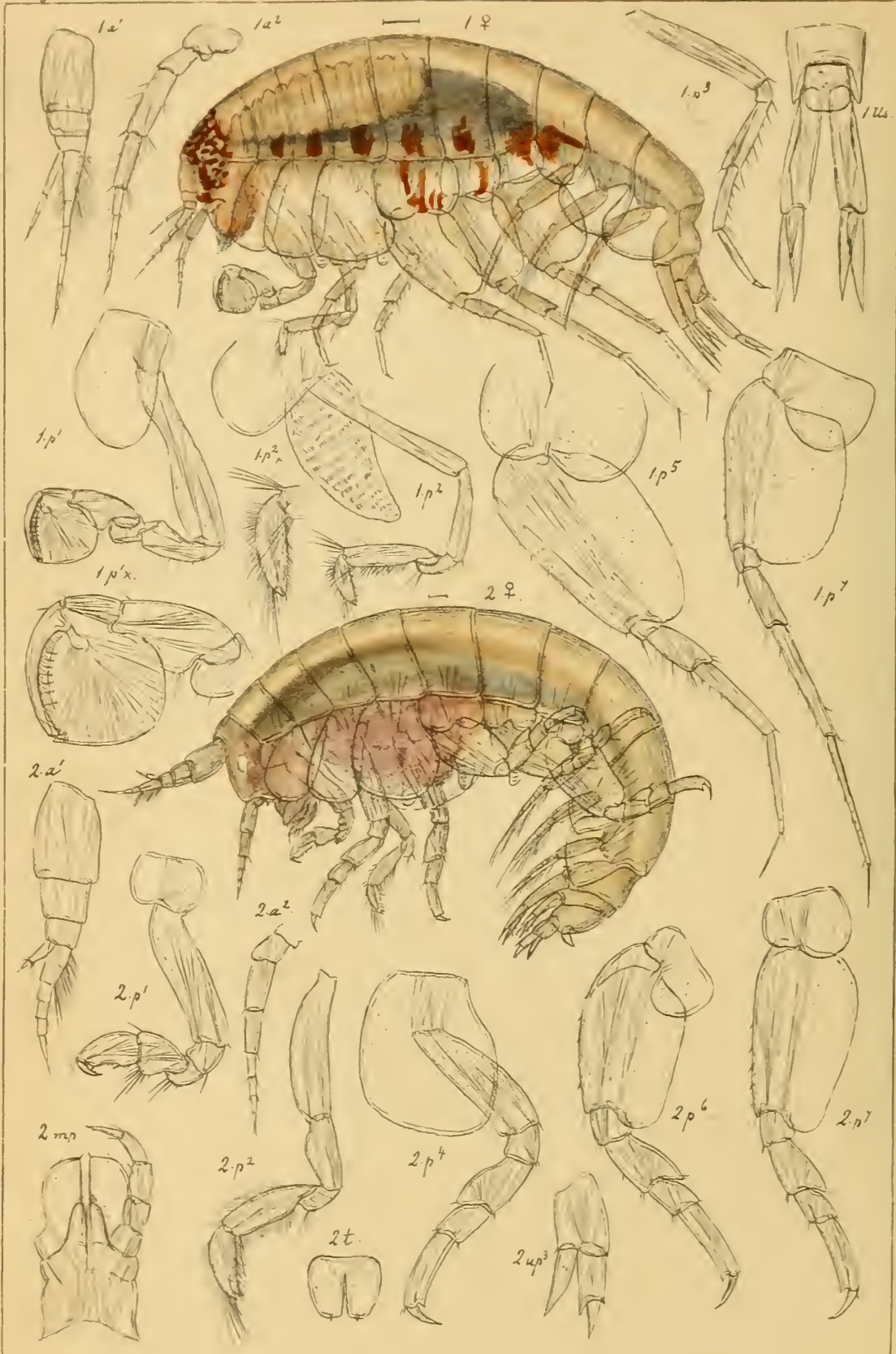


G.O.Sars autogr. 1. *Caprella microtuberculata*, G.O.Sars.
 2. *Caprella ciliata*, G.O.Sars.
 3. *Caprella acanthifera*, Leach.



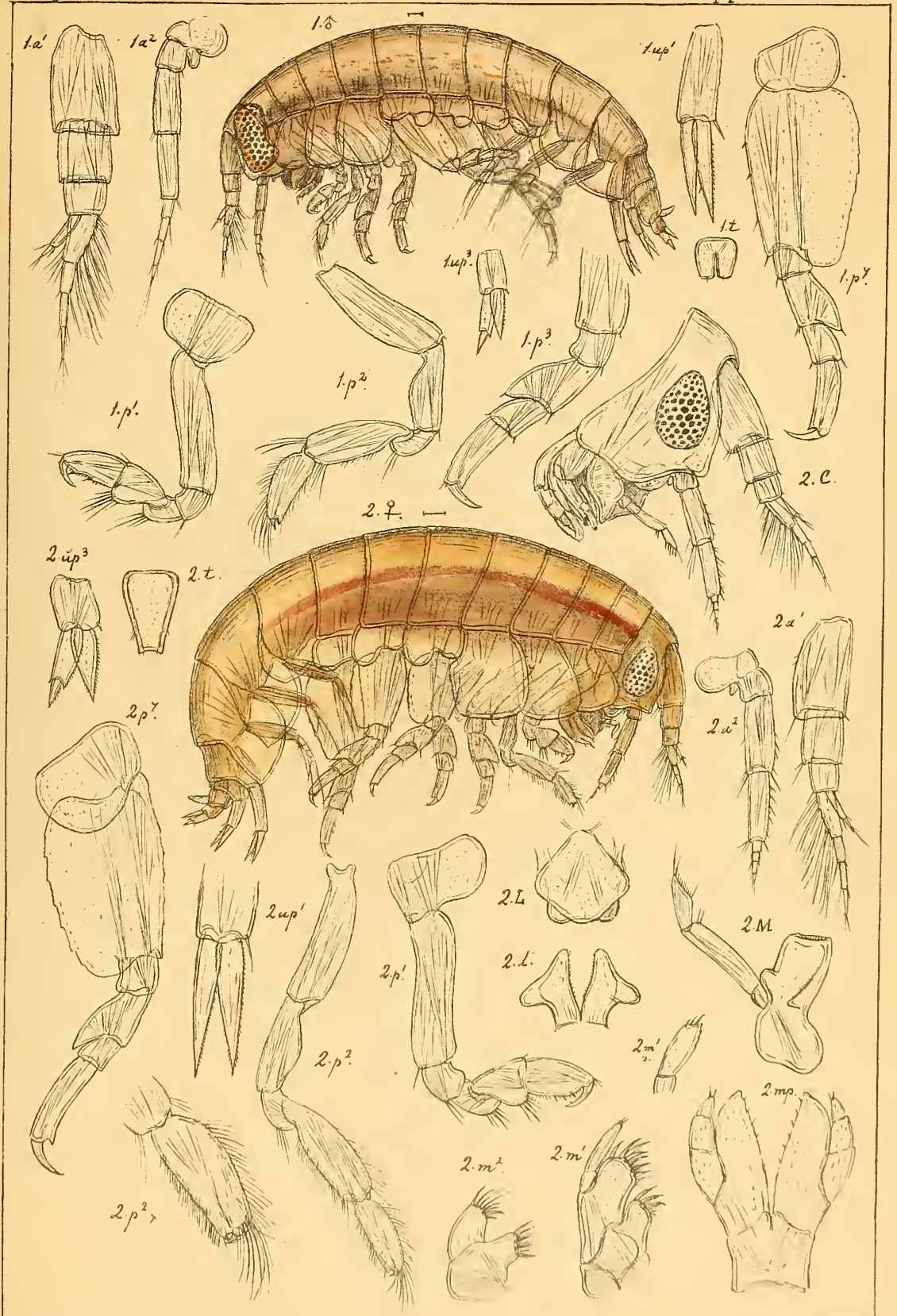
G.O.Sars autogr.

Cyamus boopis, Lütken.



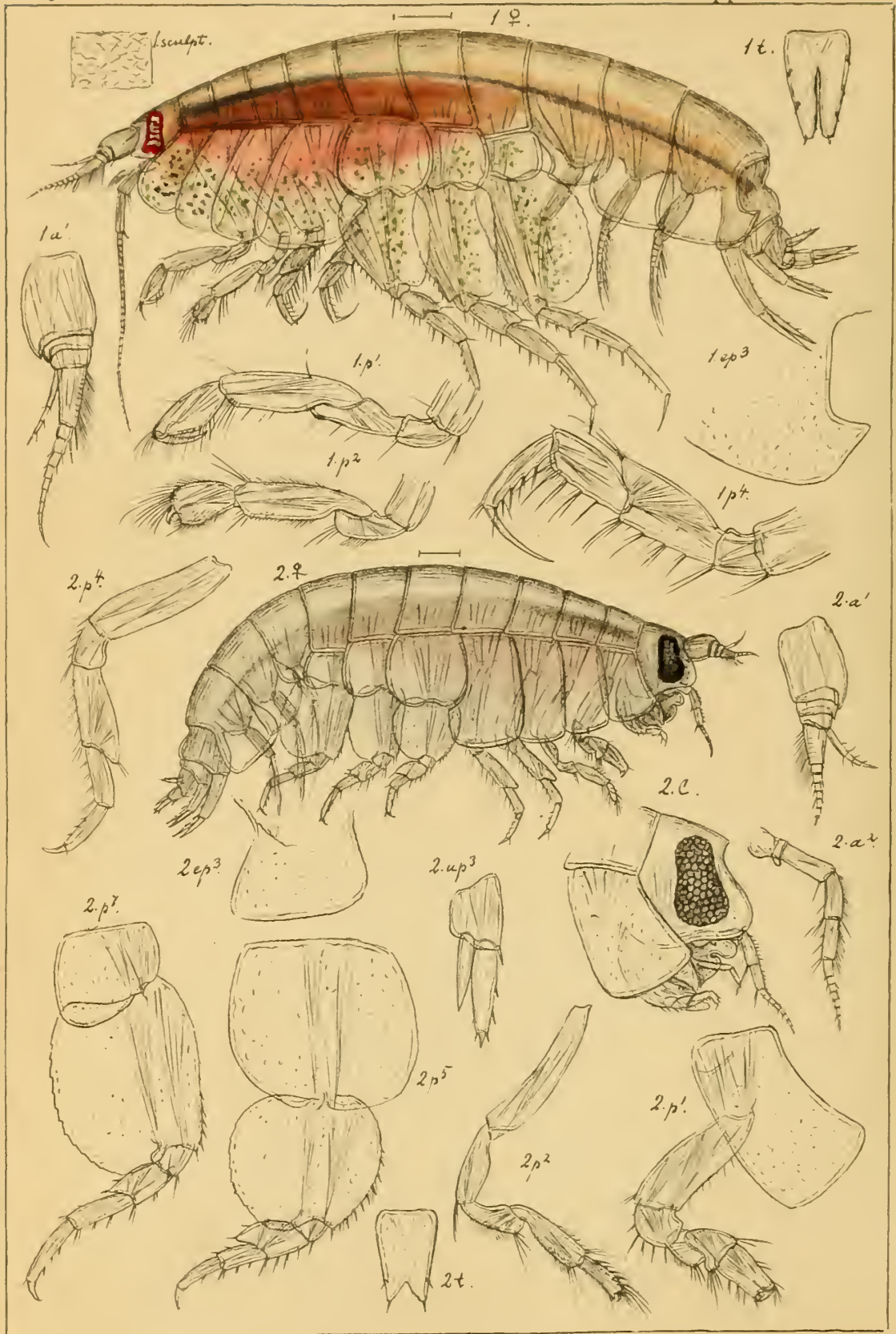
G.O. Sars autogr.

- 1. Normanion amblyops, n. sp.
- 2. Aristias microps, n. sp.

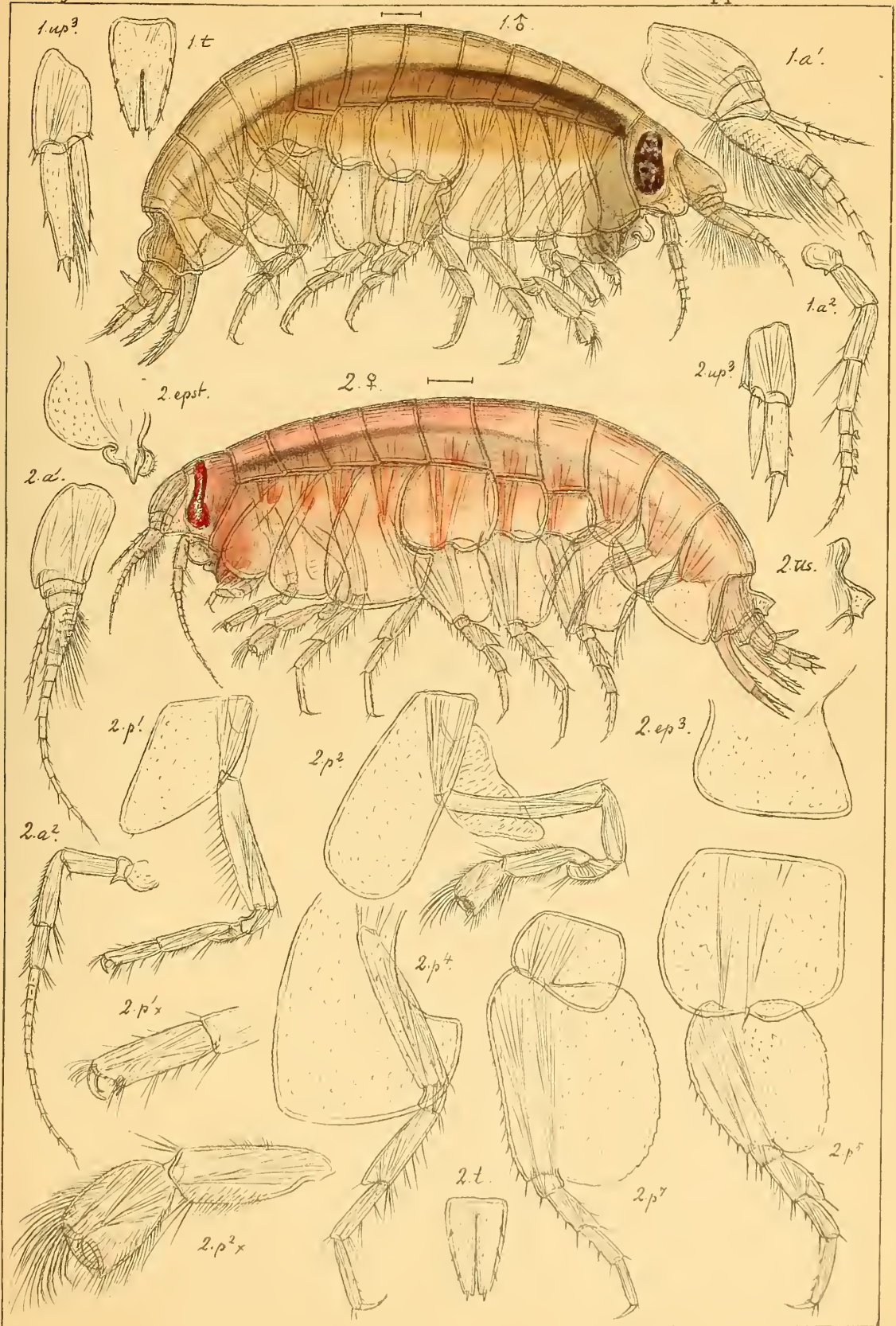


G.O.Sars autogr.

- 1. *Aristias megalops*, n, sp.
- 2. *Perrierella audouiniana*, (Sp.Bate.)



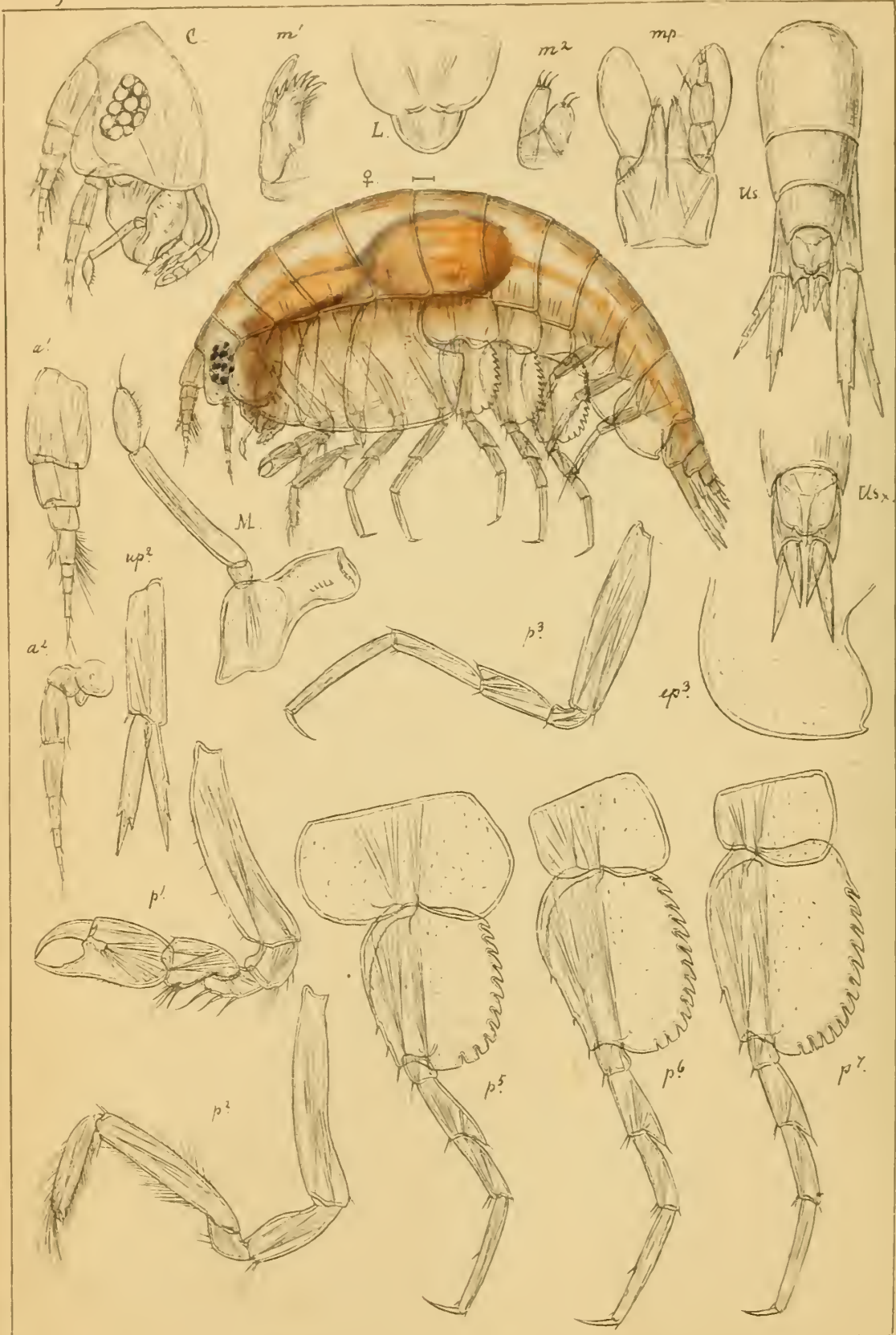
G.O Sars autogr. 1. *Hippomedon robustus*, n. sp.
 2. *Orchomene Hanseni*, Meinert.



G.O Sars autogr.

1. *Orchomene serratus*, Boeck. ♂

2. *Tryphosa compressa*, G.O Sars.



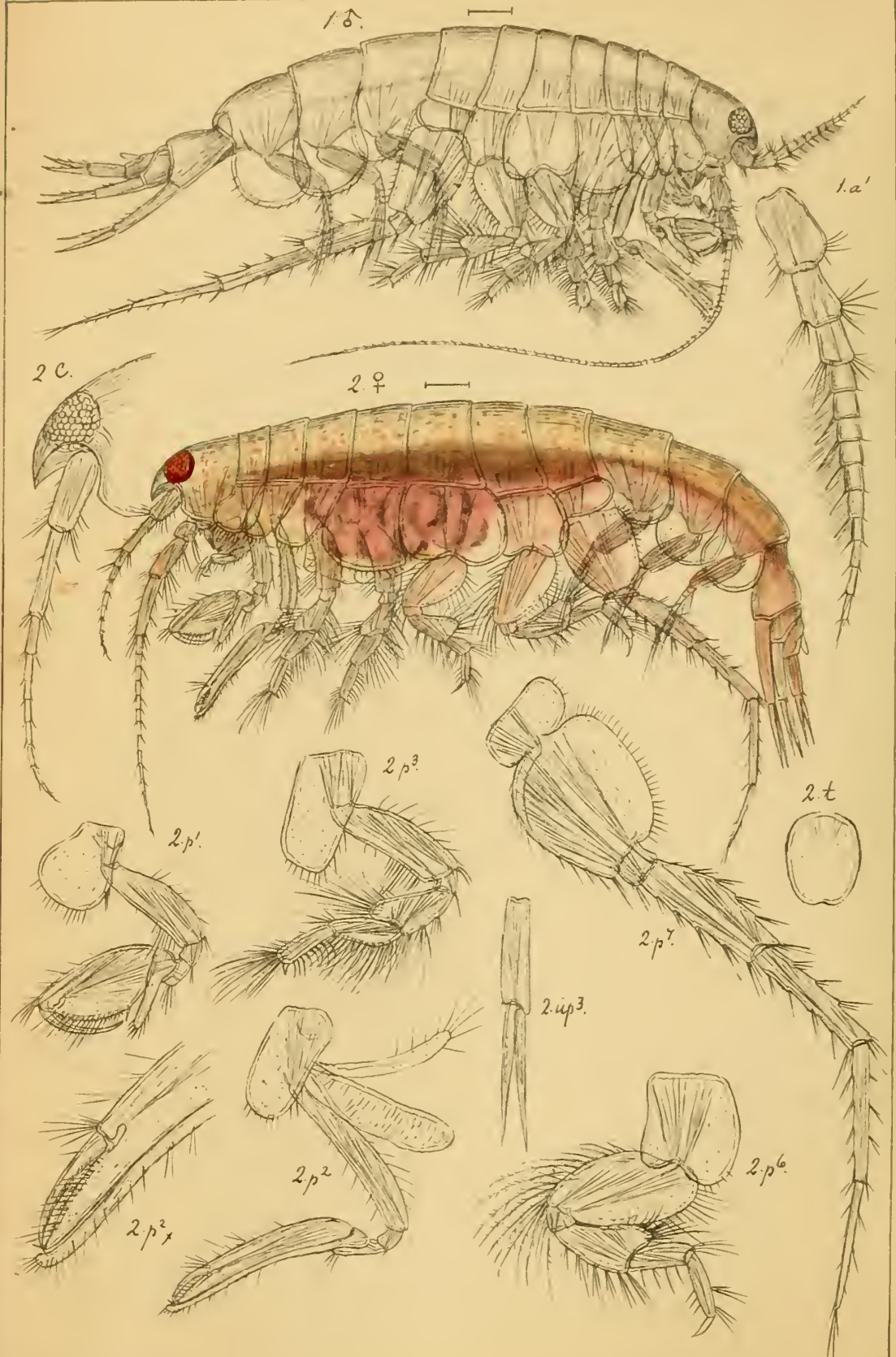
G.O. Sars autogr.

Podoprionella norvegica, n. gen. & sp.



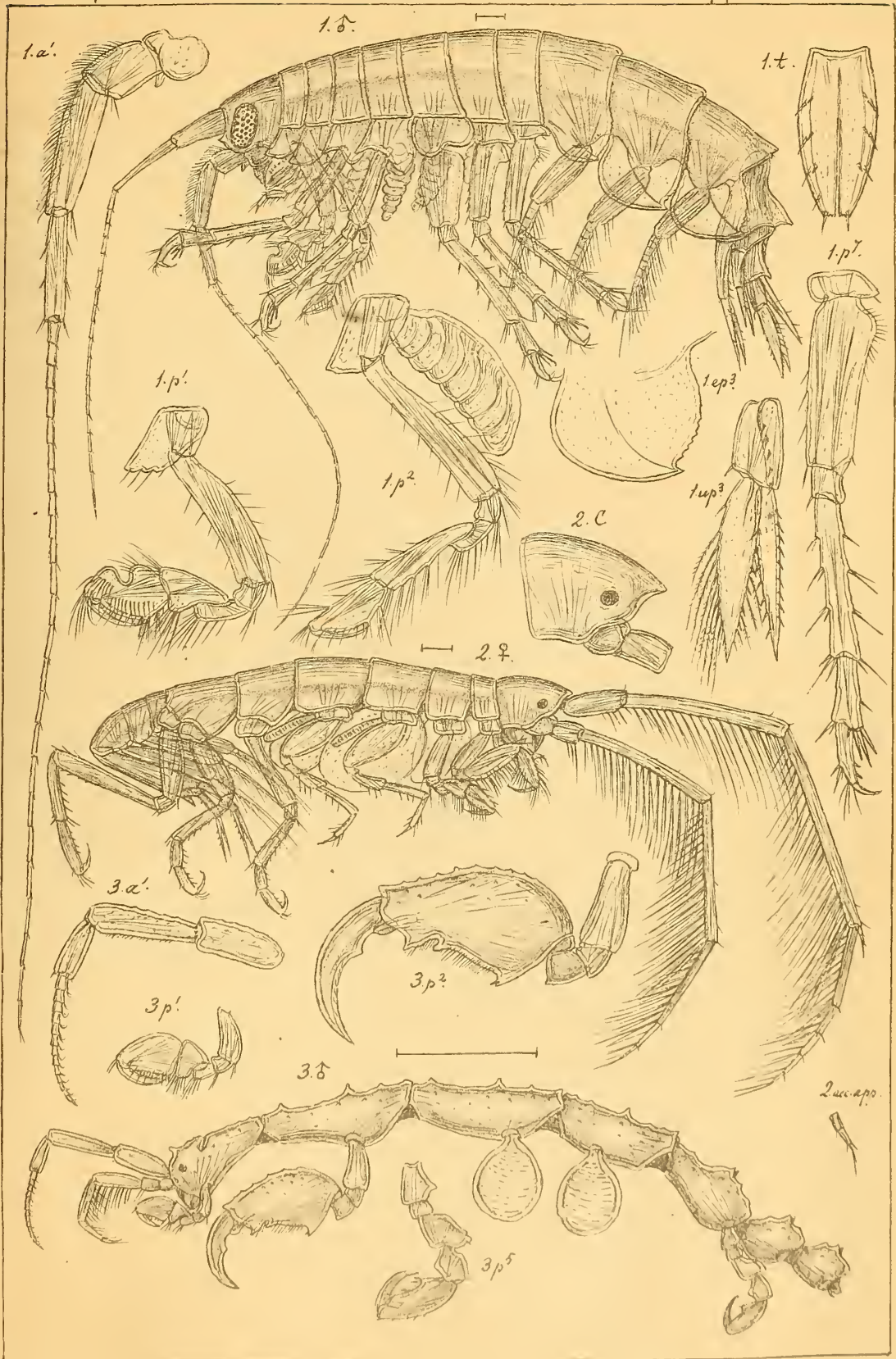
G.O.Sars autogr.

1. *Monoculodes Schneideri*, n.sp.
2. *Pontocrates arenarius*, (Sp Bate) ♀



G.O.Sars autogr.

- 1. *Pontocrates arenarius*, (Sp. Bate) ♂.
- 2. *Pontocrates altamarinus*, (Sp. Bate)



G.O. Sars autogr.

1. *Tritata gibbosa*, (Sp. Bate) ♂.
2. *Dulichia Normani*, n. sp.
3. *Caprella punctata*, Boeck. ♂.



Prospectus.

The undersigned, who for many years has been especially engaged in the study of the various groups of Crustacea, and who, on his many journeys of research, has been enabled to make himself especially familiar with the species represented in the northern fauna, hereby begs to invite Norwegian and foreign zoologists to subscribe to a complete work on the Crustacea of Norway. In this work, the author will characterise, as concisely as possible, all the Norwegian species hitherto known and, what is of great importance, the descriptions will be accompanied by carefully drawn figures of all the forms. The lack of good plates has hitherto made the study of this interesting class of animals very difficult, and, in many cases, has caused sad confusion in the synonymy. It is now the author's intention to try to make the species belonging to the fauna of Norway easily recognisable and definable, which, much better than by the most elaborate descriptions, may undoubtedly be brought about by habitus figures, true to nature, and of sufficient size and clearness. All the plates will be prepared by the author himself, by the autographic method applied by him very successfully during a series of years; and as by this means the expense of lithographing will be avoided, the work can be delivered, richly illustrated, at a comparatively low price. As the state of affairs at our University, for the time, is not such as to allow one to suppose that a work of this extent can be expected to be published by the University within a reasonable time, the author is obliged to adopt the mode of publication suggested here, and does not doubt but that the undertaking will meet with a favourable reception by foreign zoologists, and that no difficulties will arise to prevent its being completed at a comparatively early date. To obtain as large a distribution as possible it will be written entirely in the English language. — As stated, the letterpress descriptions will be as concise as possible, and will be chiefly confined to short diagnoses of the families, genera and species, critical remarks as to the synonyms, and information as to occurrence and distribution of the species. — The utmost

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100

care will be taken in preparing the plates, and as far as the illustrations are concerned the author objects to refer to the many special legends published by him, if such the above mentioned method has been used.

The first volume will comprise the order Amphipoda, which, as far as cost is concerned, is that in which the determination of species has been connected with the greatest difficulties, and which therefore requires to be thoroughly revised. The numbers will appear as short intervals as possible. As all the plates are prepared in autography, and the expenses are thus quite reduced, as the explanation of number of the figures, all space will be used to the best advantage. The habitus figures, which in nearly every case are of living specimens, will thus be fully drawn, showing the mode of ornamentation characteristic for each species, not as is usually the case only a few in outline, and there will also be given, on a greatly enlarged scale, detail views of the most characteristic parts. The author has especially thought it of the greatest importance to give correct representations of the complicated structure of the oral part in the different genera, as the classification of the Amphipoda ought chiefly to be based upon this character. In a smaller number of copies, the plates will be coloured from the original drawings by the author.

G. O. Sars,

Professor at the University of Christiania, Norway.

The above mentioned work will be published by the under-mentioned. The price for each number, 8 plates with corresponding 2 to 7 pages of descriptive description in *Sars' Dehåndbog*, will for subscribers be 20-12s. 20s. 4 postage 3s. One pr. number. The subscription for the 1st volume (Amphipoda)

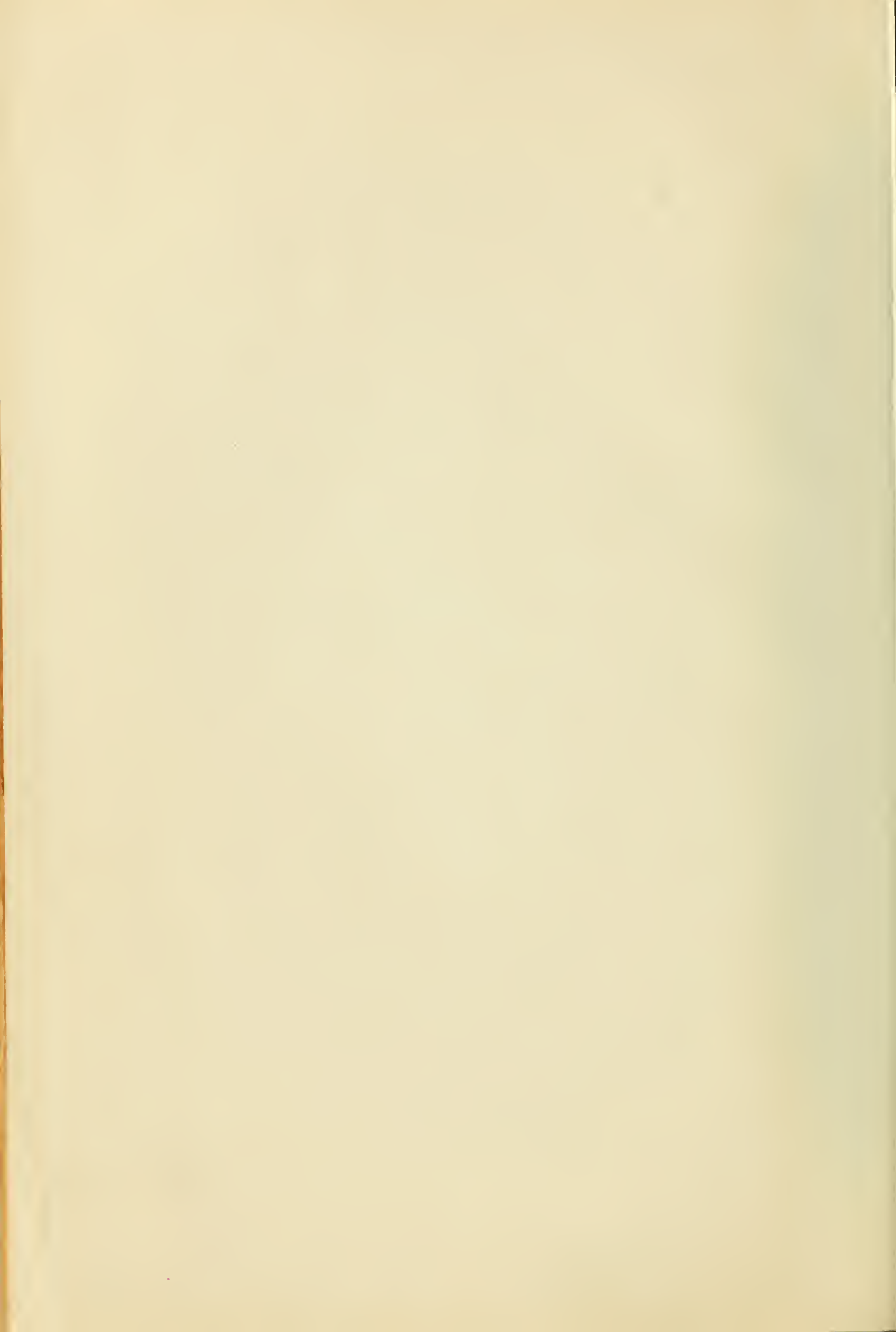
This volume will contain about 30 numbers, and it will probably be completed in the course of one or two years. A few copies with some coloured plates may be obtained, but the price of such will be considerably greater.

The work can be ordered through any bookseller, or direct from the publisher.

Christiania, June 1879.

Alb. Cammermeyer,
Søstingssgade 4

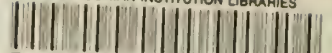








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