



1 a. o.	Stenothoe	validus.	4 a. g.	Iphimedia	fissicauda.
2 a. i.	Iphimedia	simplex.	5 a. g.	—————	capensis.
3 a. b.	—————	nodosa.	6 a. g.	—————	pugettensis.

Drawn by J.D. Dana.

7 a. h. Edicerus novi-zealandia.

W.H. Dougal Sc.



1 a. d. Amphithoe rubella.
 2 a. f. ——— orientalis.
 3 a. c. ——— tongensis.

4 a. b. Amphithoe peregrina.
 5 a. u. ——— brevipes.
 6 a. n. ——— brasiliensis.



1 a..g. Amphithoe filicornis.
 2 a..e. Gammarus asper.
 5 a..f. ————— suluensis.

4 a..d. Gammarus albidus.
 5 a..c. ————— tenuis.
 6 a..b. ————— furcicornis.
 7 a..e. ————— tenuis.

8 a..h. Gammarus fuegiensis.
 9 a..g. ————— quadrimanus.
 10 a..e. ————— brasiliensis.

Drawn by H. Dana.

W.H. Dougal Sc.

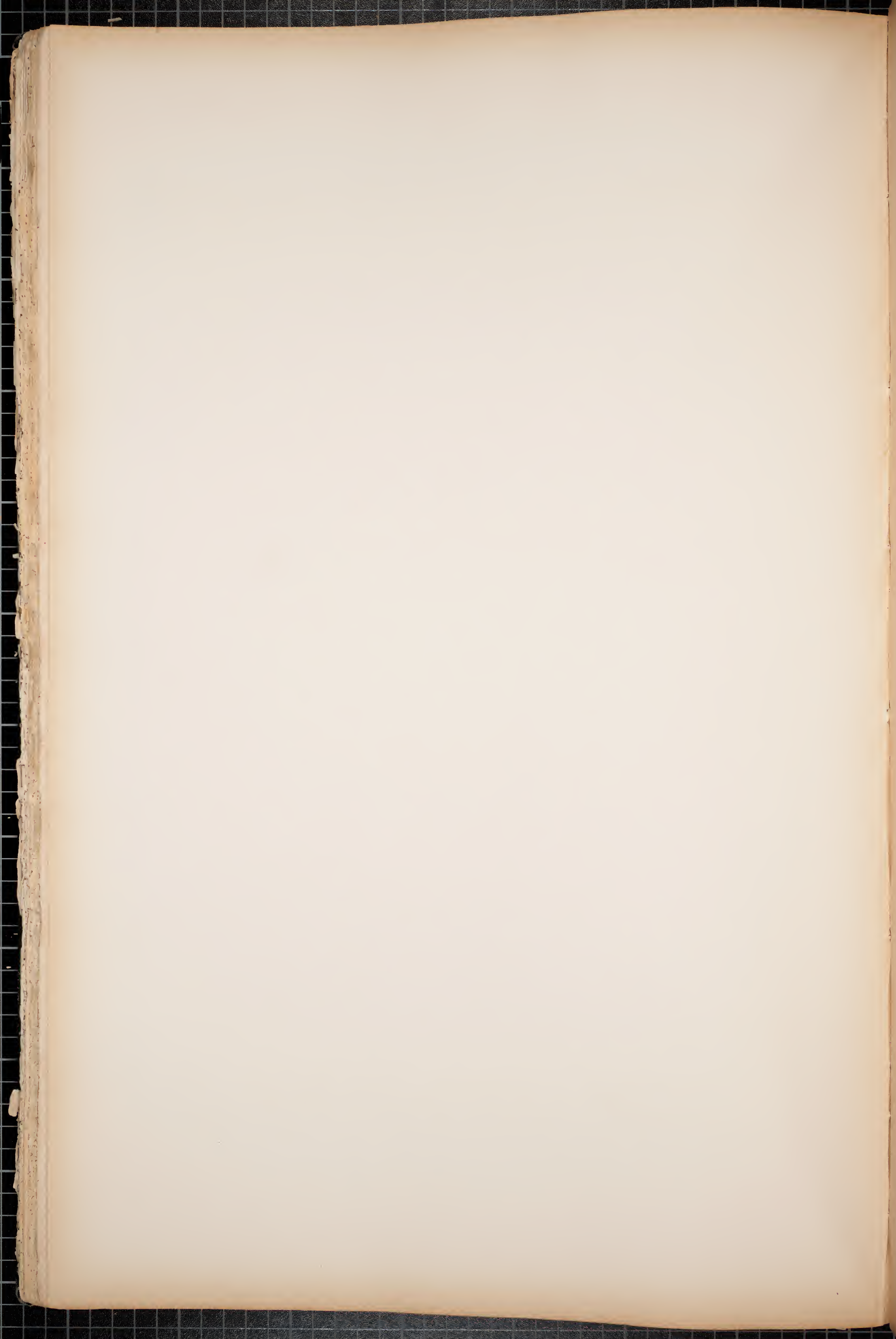


- 1 a. g. *Gammarus pugettensis*
- 2 a. e. _____ ? *peruvianus*
- 3 a. g. _____ ? *pubescens*
- 4 a. d. _____ ? *indicus*
- 5 a. m. *Melita tenuicornis*

- 6 a. c. *Mera valida*
- 7 a. b. _____ *setipes*
- 8 a. d. _____ *anisochir*
- 9 a. e. *Dereothoe emissitina*
- 10 a. e. _____ ? *fem.*

Drawn by J. D. Dana.

W. H. Dougal. Sc.





1 a. h. *Derothoe speculans*
 2 _____ *hisuticornis*
 3 a. c. *Pyctilus macrodactylus*
 4 a. d. _____ *pugnax*

5 a. h. *Pyctilus brasiliensis*
 6 a. d. *Lestrigonus ferus*
 7 _____ ? juv
 8 a. c. _____ *fuscus*

9 a. b. *Lestrigonus rubescens*
 10 a. d. _____ *Fabreii?*
 11 a. d. *Hyperia agilis*
 12 a. k. _____ *trigona*

Drawn by J. D. Dana.

W. H. Dall Sc.



- 1 a. g. *Cylopus magellanicus*
- 2 a. e. *Taura macrocephala*
- 3 a. g. *Daira? debilis*
- 4 a. h. *depressa*
- 5 a. c. *inaequipes*

- 6 a. h. *Synopia ultramarina*
- 7 ? male
- 8 a. d. *angustifrons*
- 9 a. m. *Anchylonera purpurea*
- 10 thyropoda

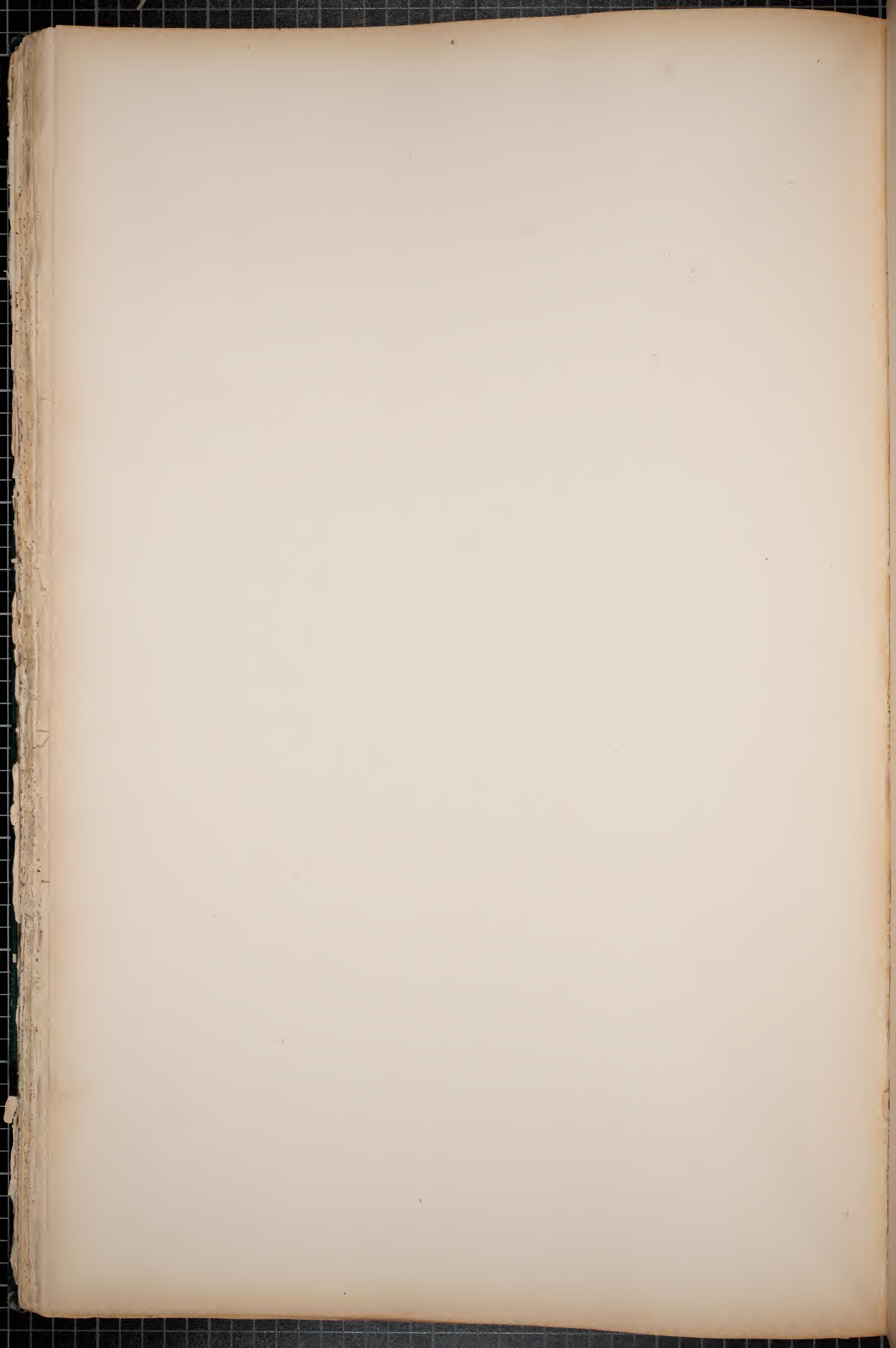
Drawn by J. D. Dana.

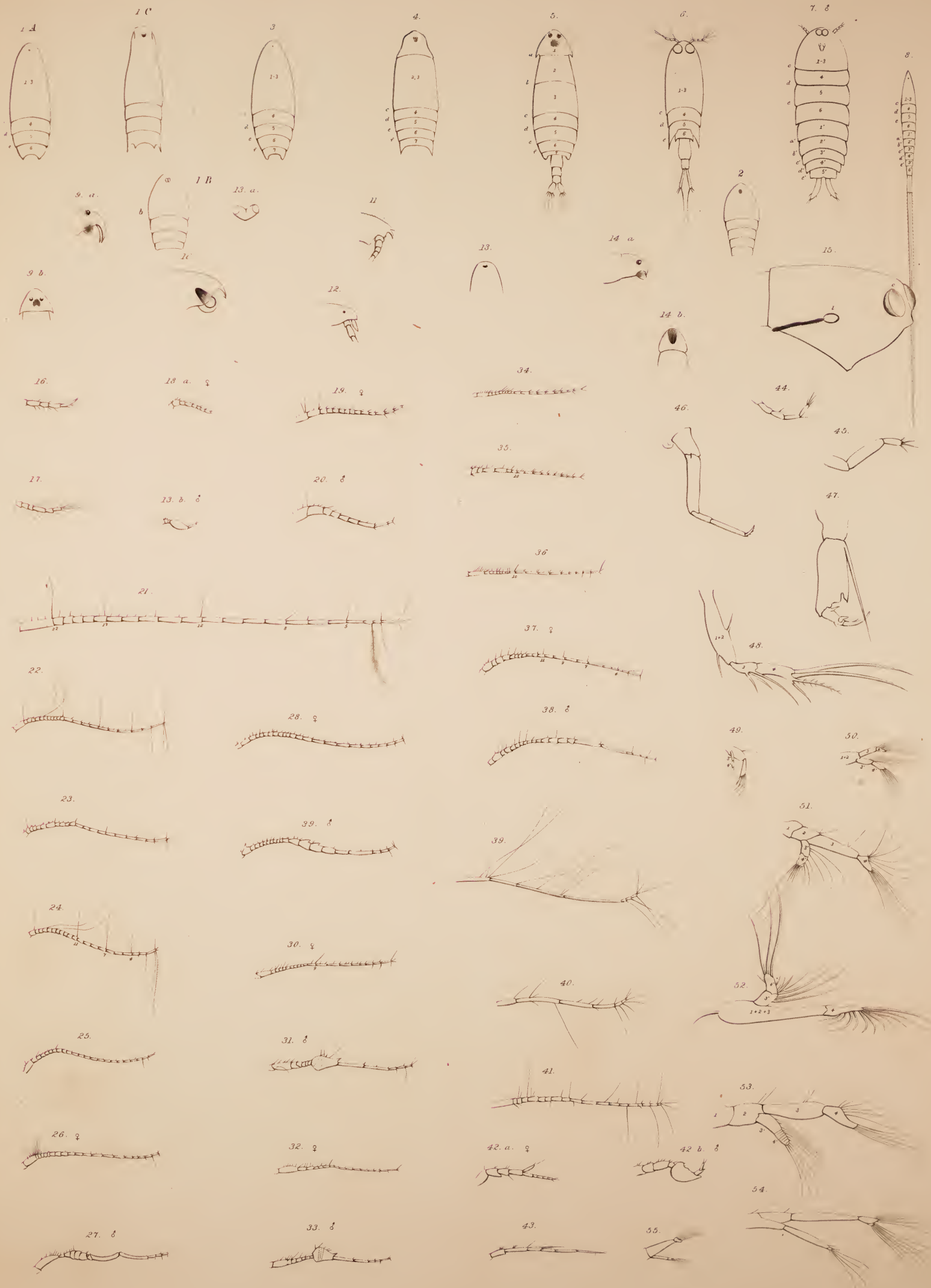
W. J. DeLong, 1878.



1 a . e . Themisto antarctica .
 2 a . c . Phorcus hyalocephalus .
 3 a . m . Dithyrus faba .

4 a . g . Thyropus diaphanus .
 5 a . k . Pronoe brunnea .
 6 a . h . Lycaea ochracea .

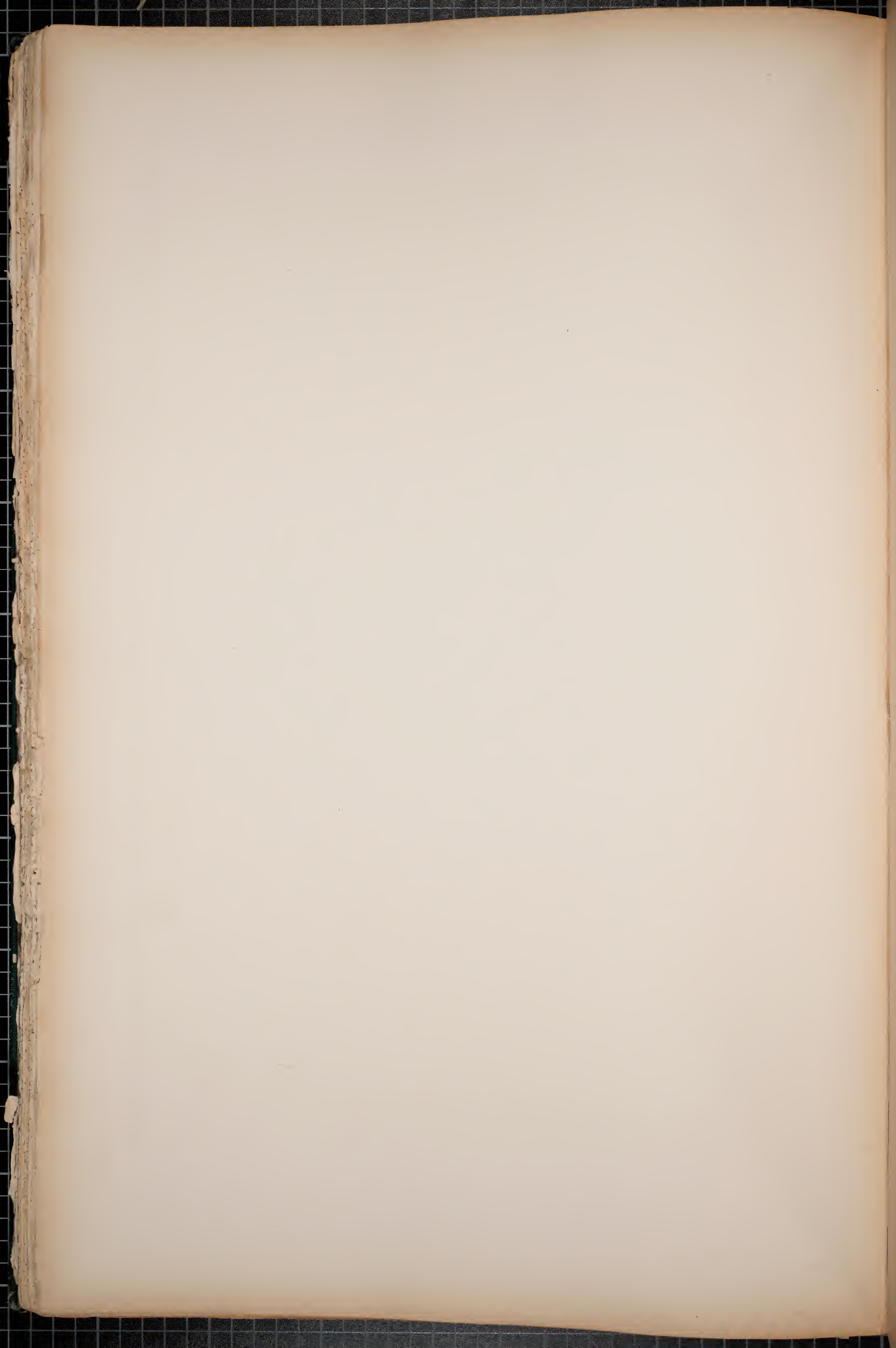


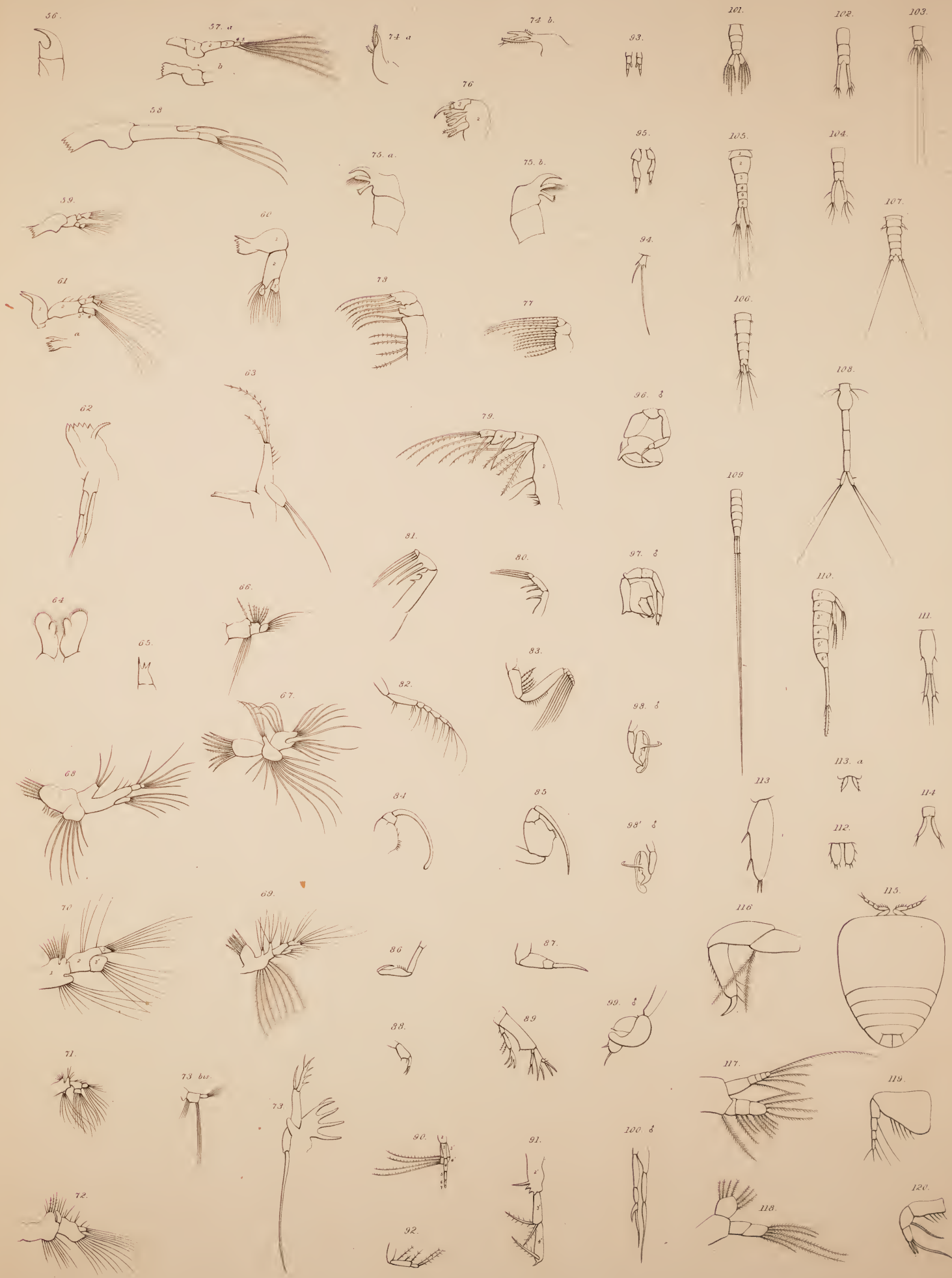


STRUCTURE OF CYCLOPOIDEA: 1-8, body; 9-15, head and eyes; 16-43, anterior antennæ; 44-45, posterior antennæ.

Drawn by J.D. Dana.

W.H. Dall, Sc.

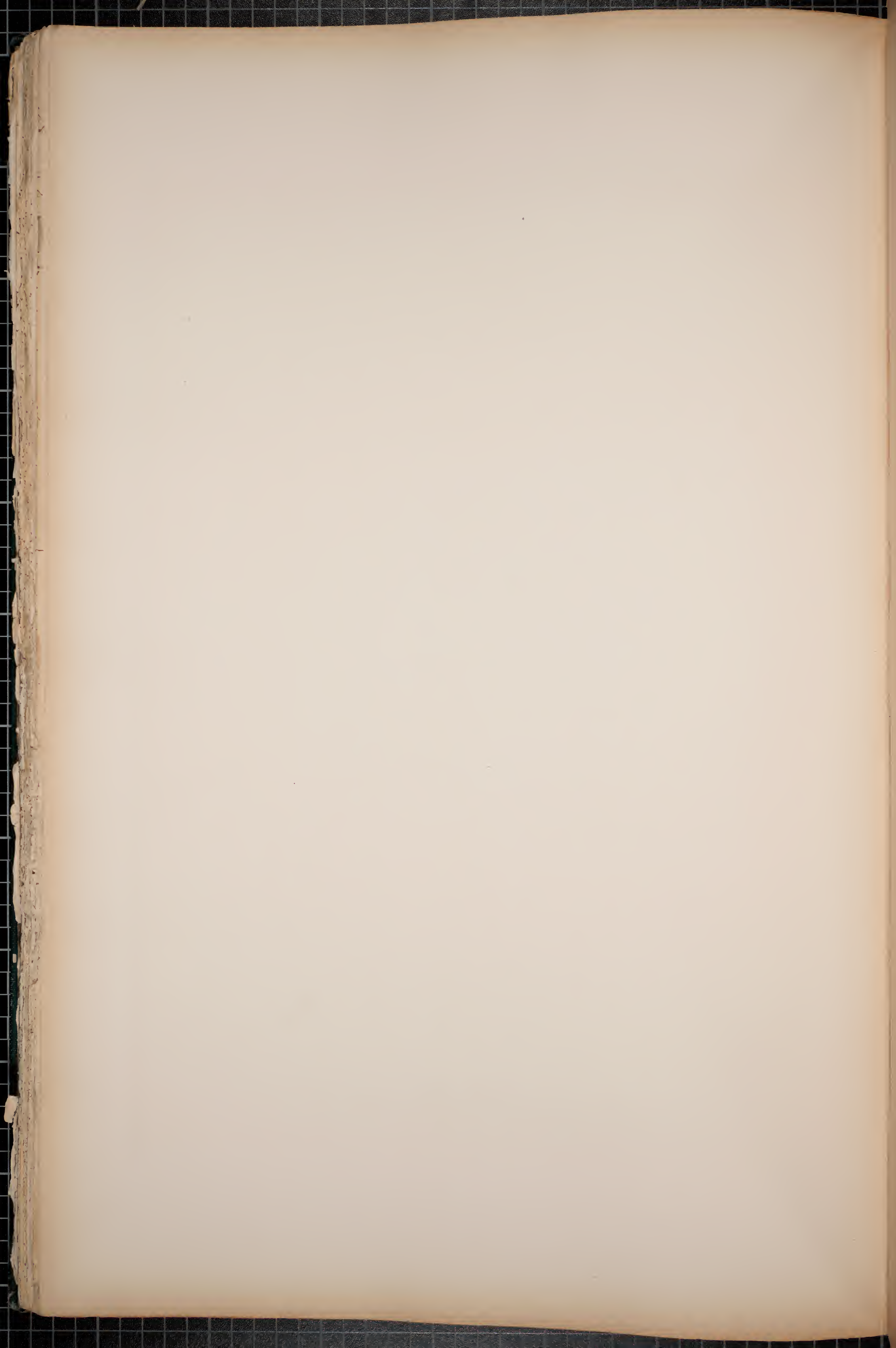


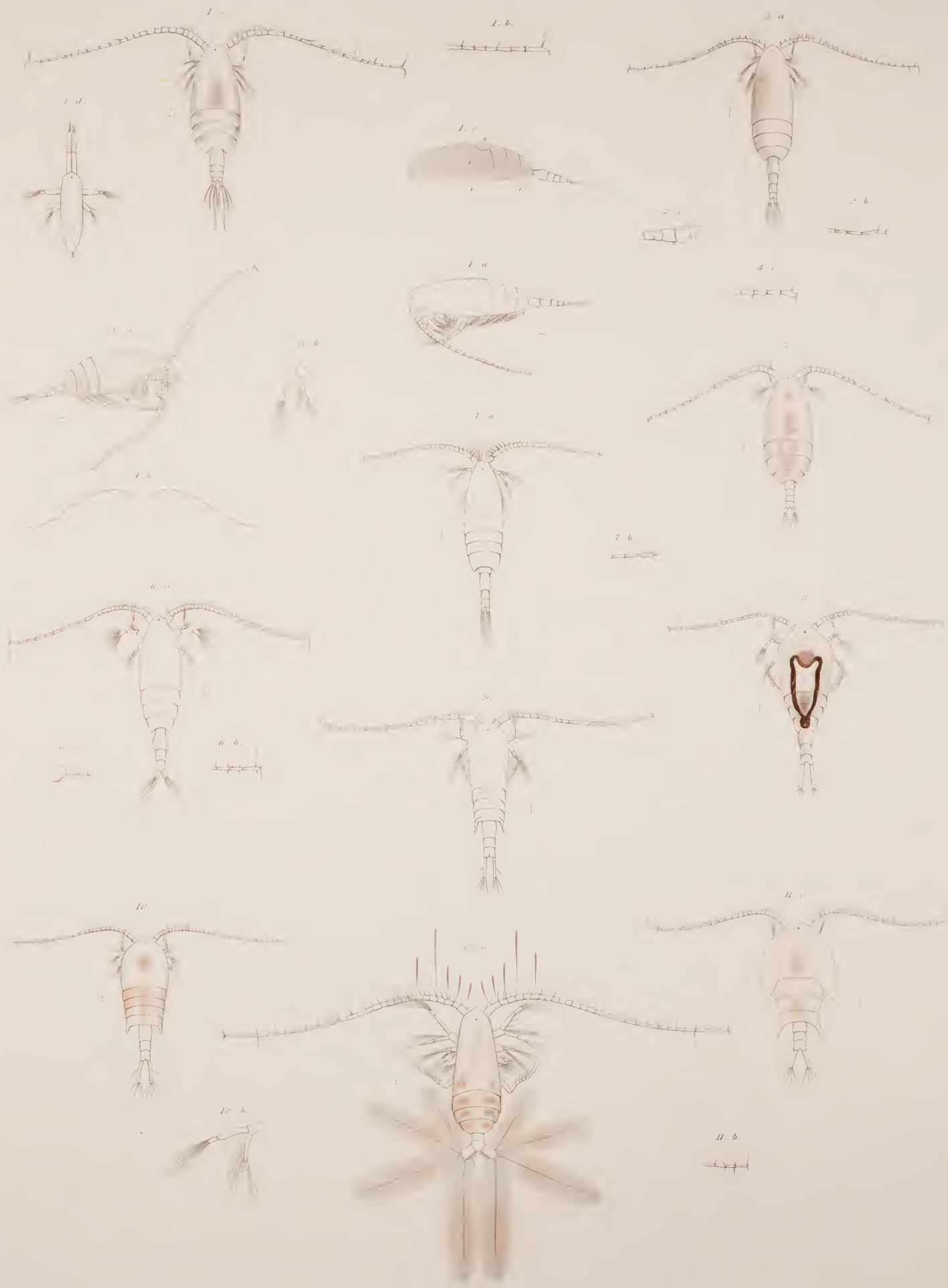


STRUCTURE OF CYCLOPOIDEA: 56-65, mandibles; 64-73, maxillae, one pair; 74-81, maxillipeds, one pair; 82-92, 1st pair of legs; 93-100, posterior legs; 101-114, abdomen, and caudal lamellae; 115, Thyone; 117-120, Notodelphys of Allman.

Drawn by J.D. Dana.

Purdonson Sc.





1 a, b, d Calanus rotundatus.
 2 a, c. — comptus.
 3 a, b. — nudus.
 4 a, c. — magellanicus.

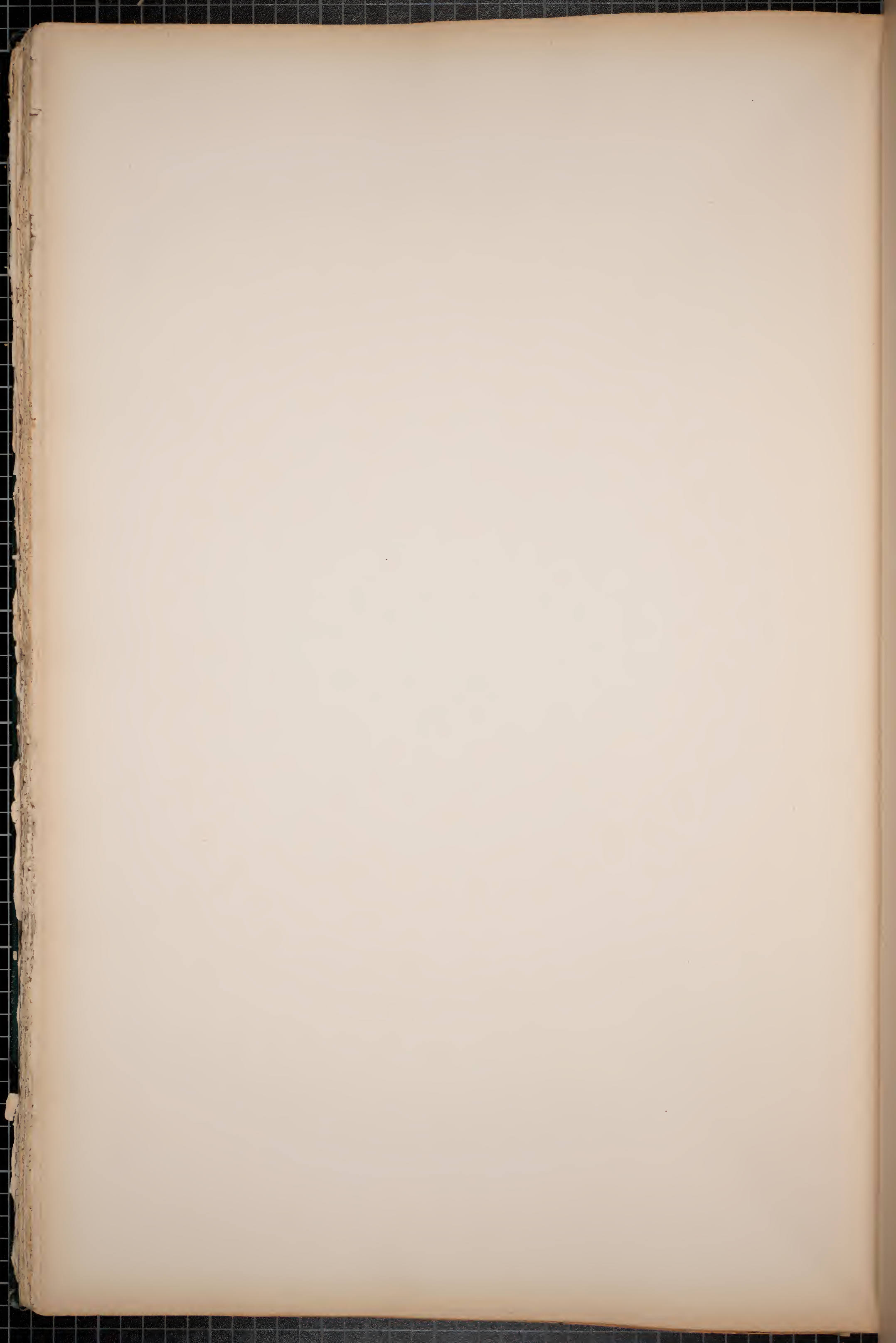
5 Calanus crassus.
 6 a, c. — furcicaudus.
 7 a, b. — arenicornis.
 8 — turbinatus.

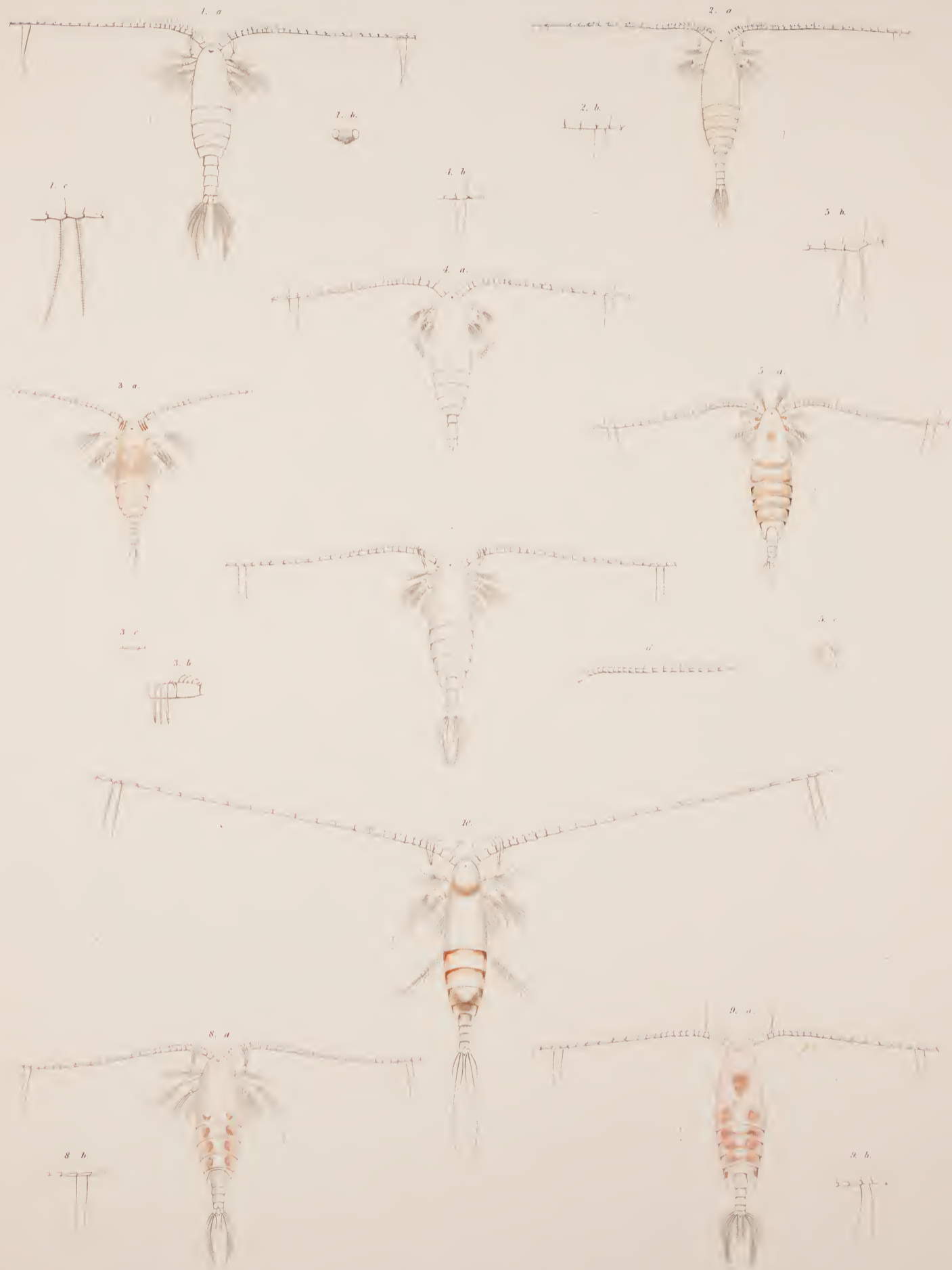
9 Calanus stylifer.
 10 — curtus.
 11 a, b. — scutellatus.
 12 a, b. — pavo.



1 a. b.	2 a. b.	Calanus	levis.	5 a. b.	Calanus	recticornis.	9 a. b.	Calanus	longes.
3 a. b.			medius.	6 a. d.		setuligerus.	10 a. b.		temporatus.
4.			placidus.	7.		pellucidus.	11 a. b.	12 a. b.	sanguineus.
				8 a. c.		affinis.			

Thomson's Calanus





- | | | | |
|----------|---------------------|-------------|--------------------|
| 1. a. c. | Calanus sanguineus. | 5. a. c. b. | Calanus appressus. |
| 2. a. b. | — mundus. | 7. | — communis. |
| 3. a. c. | — mauritus. | 8. a. b. | — amenus. |
| 4. a. b. | — simplicicaudus. | 9. a. b. | — bellus. |

10. Calanus gracilis.

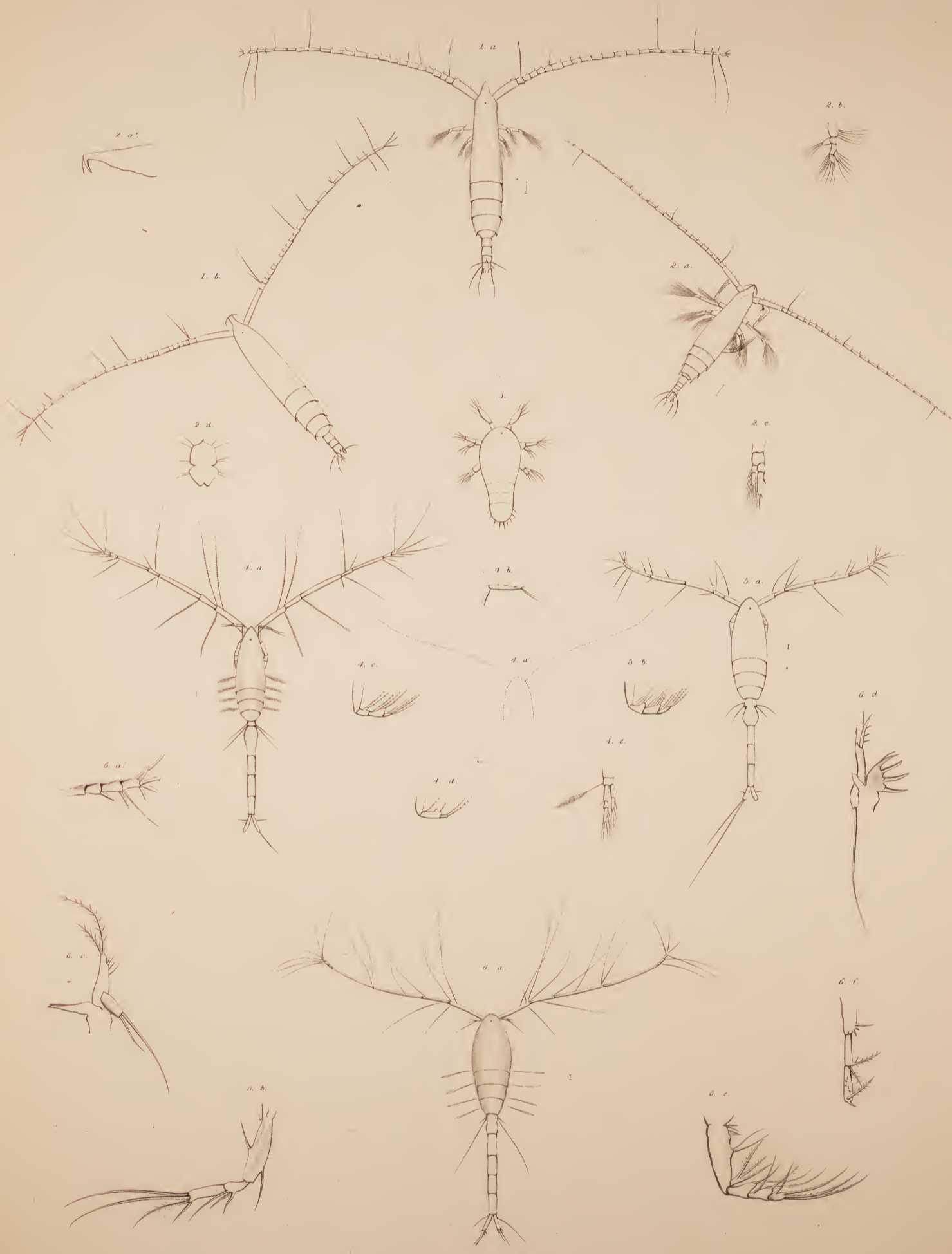


1. a - b. *Calanus elongatus*.

2. a - d. *Calanus attenuatus*.

Drawn by J. D. Dana.

W. H. Dall.

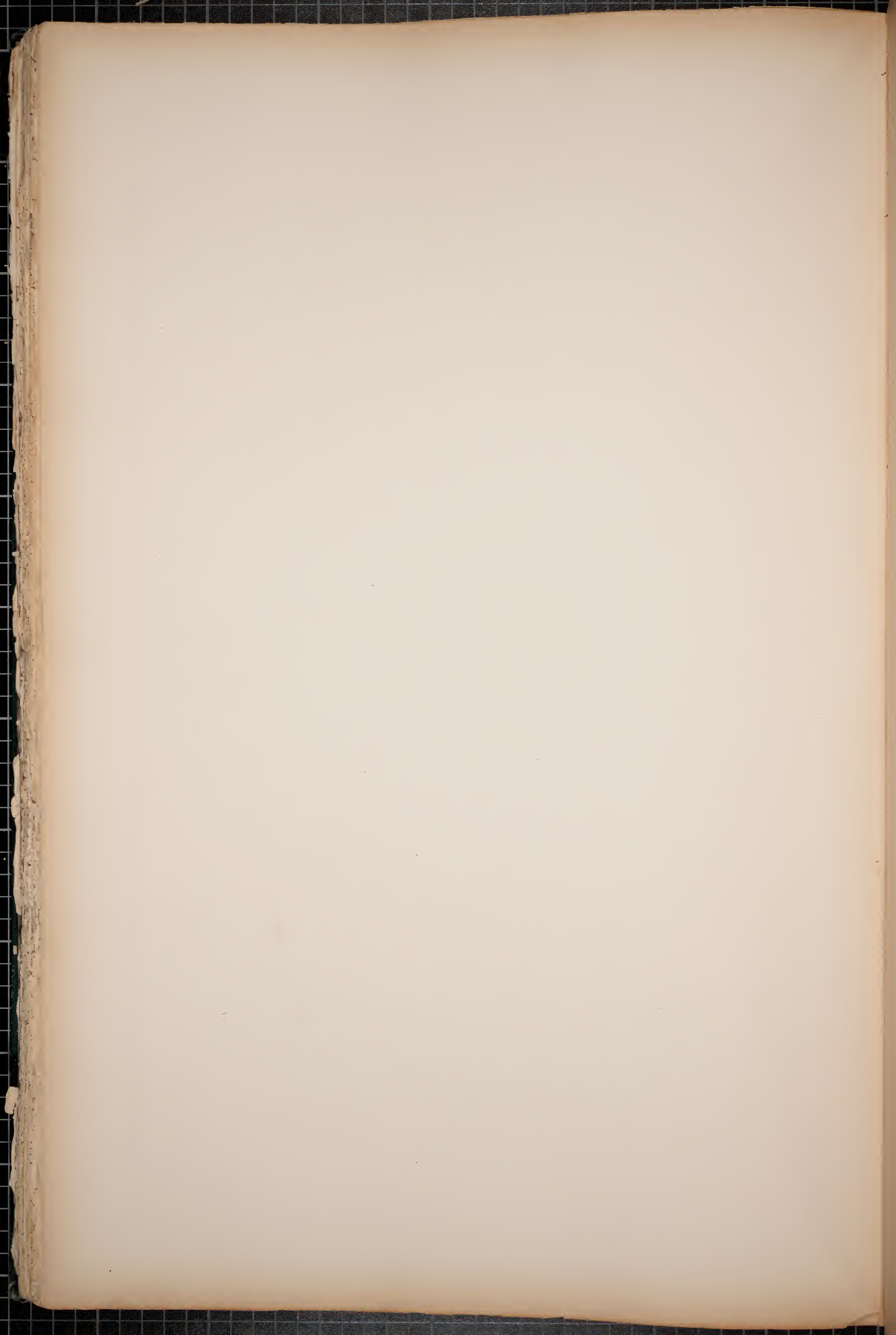


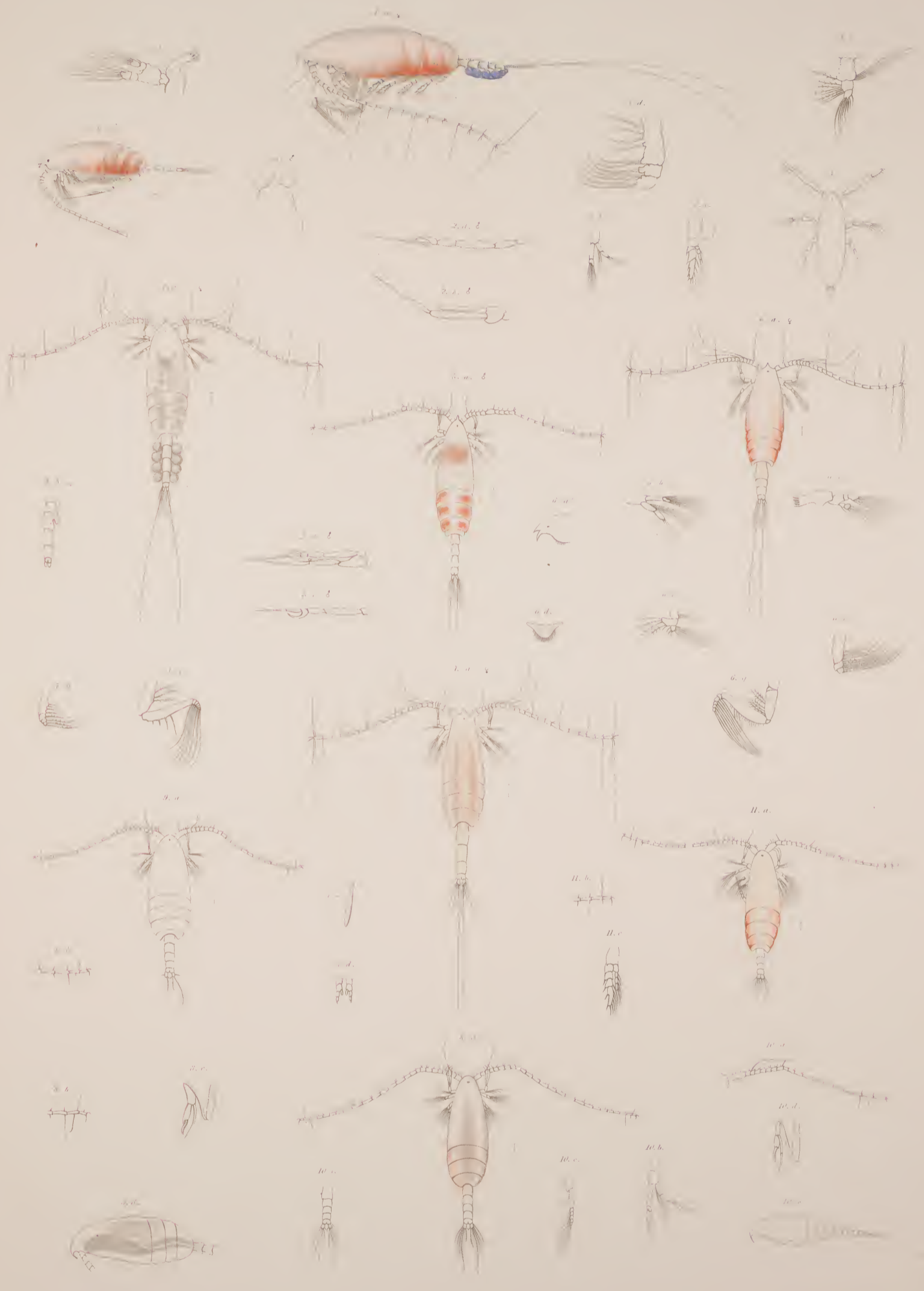
1 a. b. Rhincalanus rostrifrons.
 2 a. d. ————— cornutus
 3 Calanus jun.

4 a. e. Oithona plumifera.
 5 a. b. ————— abbreviata
 6 a. f. ————— setiger.

Drawn by J.D. Dana.

W.H. Douglas Sc.

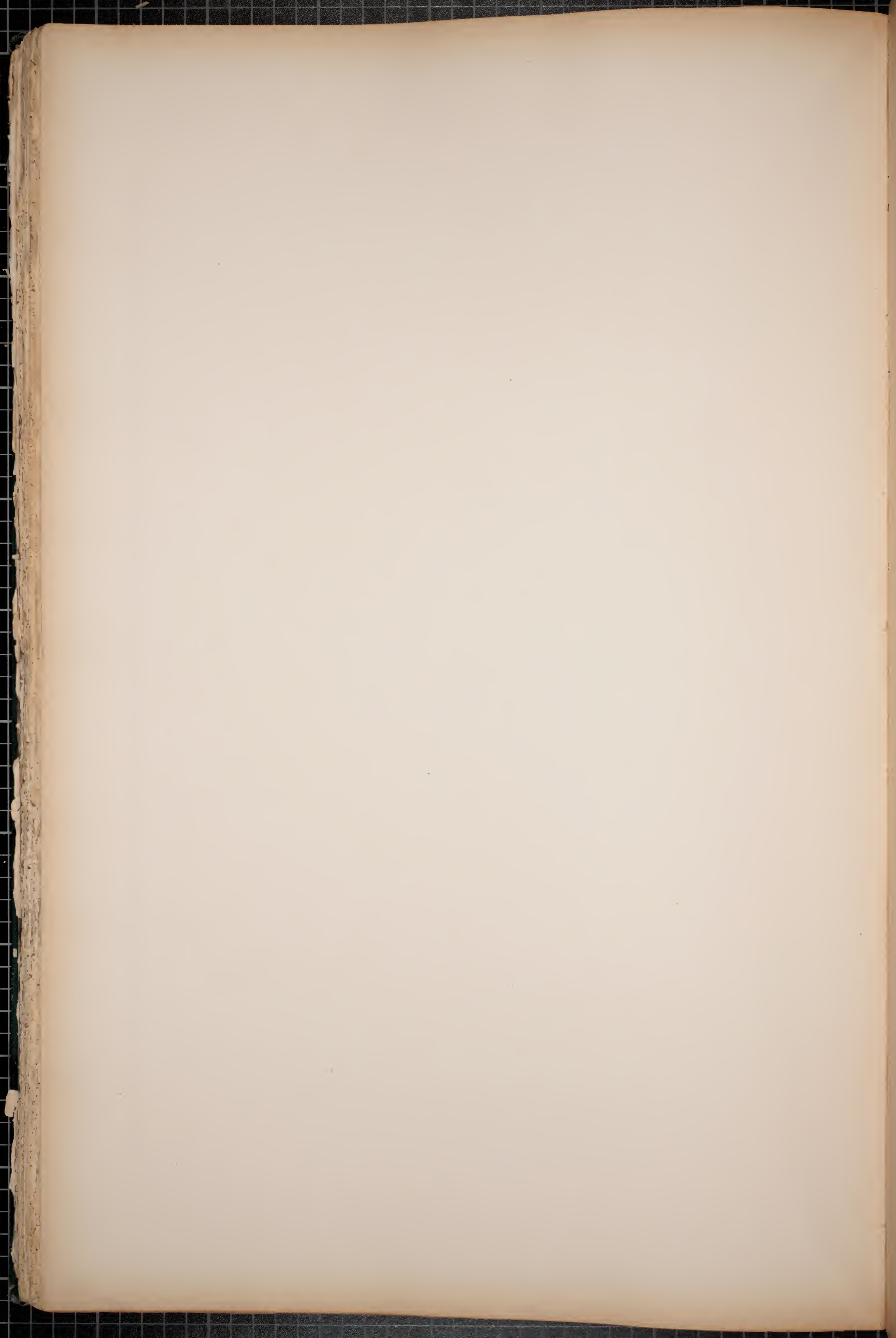


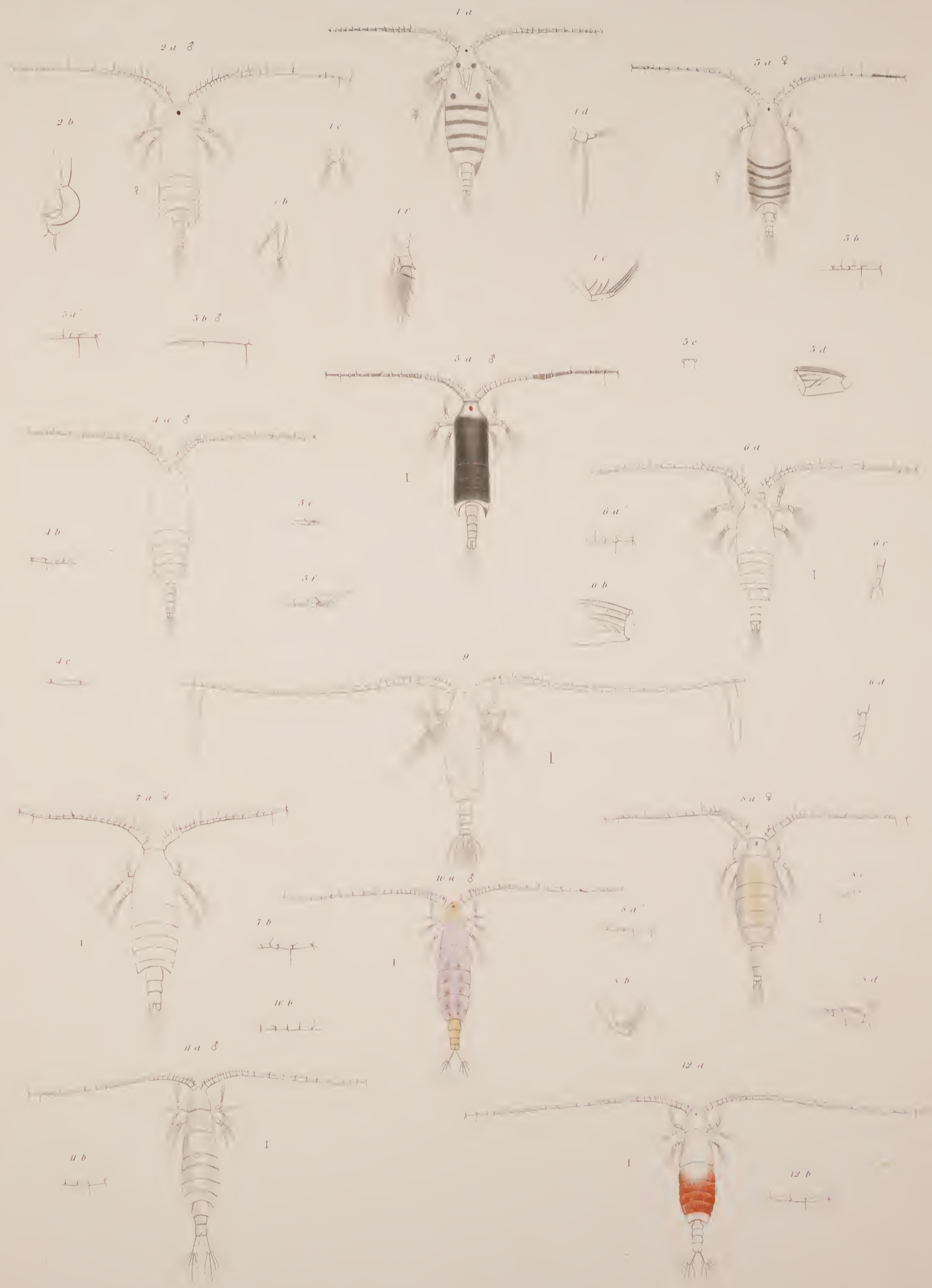


1 a. d. 2 a. e. *Euchaeta communis*
 3. *Euchaeta communis*, juv. ?
 4 a. b. 5 a. c. *conchima*.
 6 a. d. *pubescens*.

7 a. e. *Euchaeta diadema*.
 8 a. d. *Urdina vulgaris*.
 9 a. b. *simplex*.
 10 a. f. ?

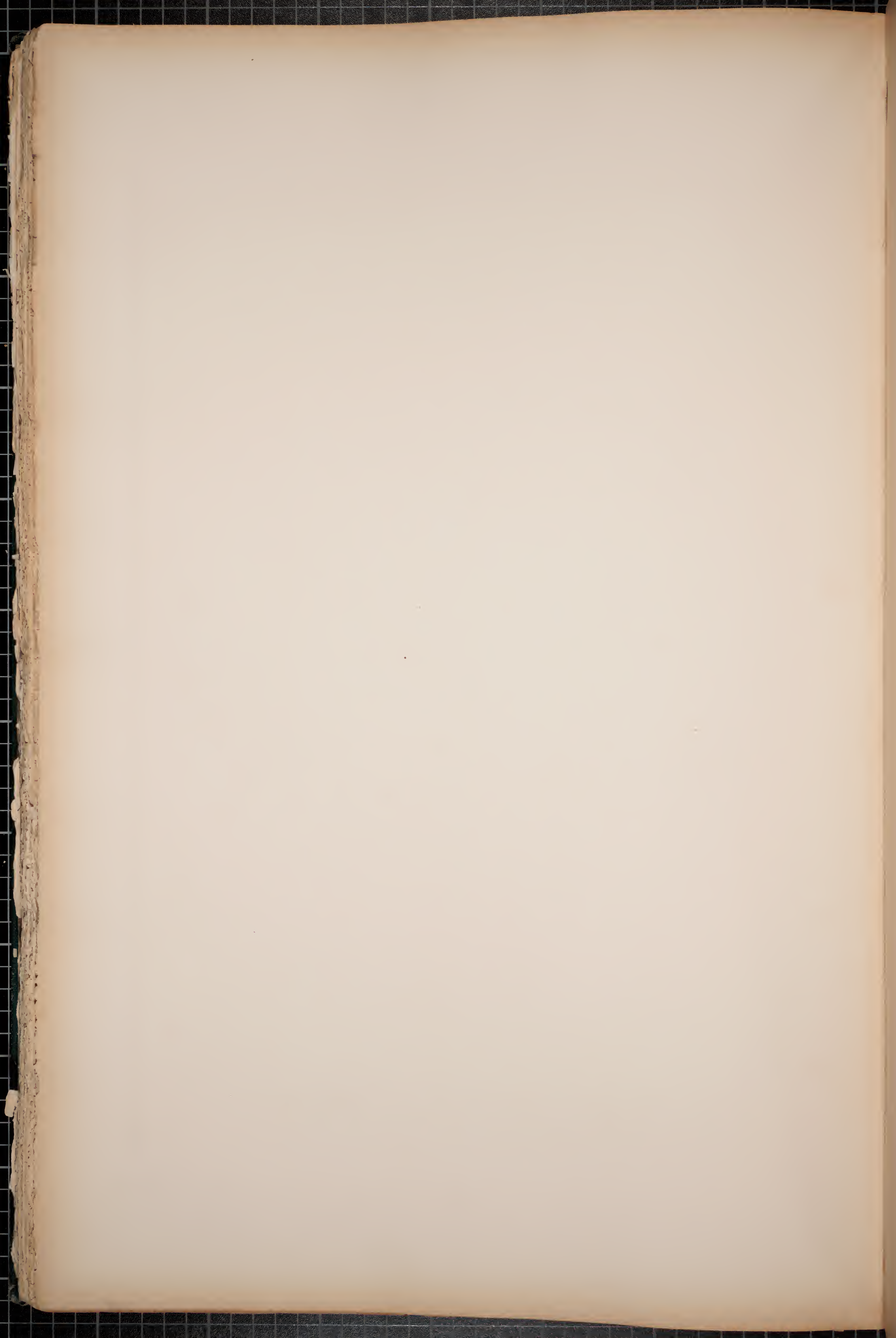
11 a. c. *Urdina inornata*.

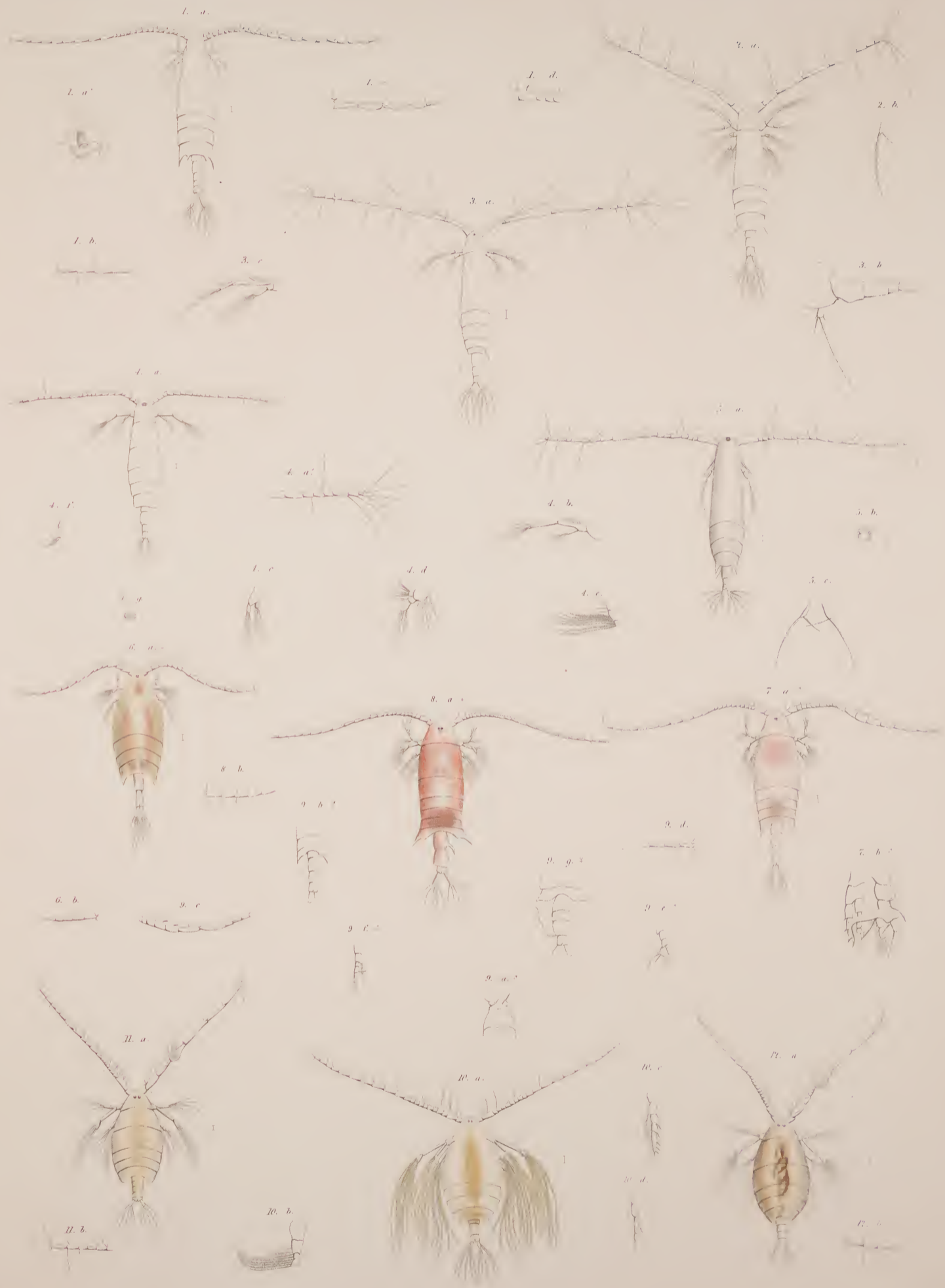




1 a . F. Candace ornata	5 a . F. Candace ethiopica	8 a . d. Candace truncata
2 a . b. 5 a . b. pachydaetyla	6 a . . d. — — — curta	9 Hemicalanus longicornis
4 a ?	7 a . b. — — — curta	10 a . b. Calaninus
11 a . b. Hemicalanus tenuicornis	12 a . b. Hemicalanus gracilis	

Drawn by A. S. Cooper





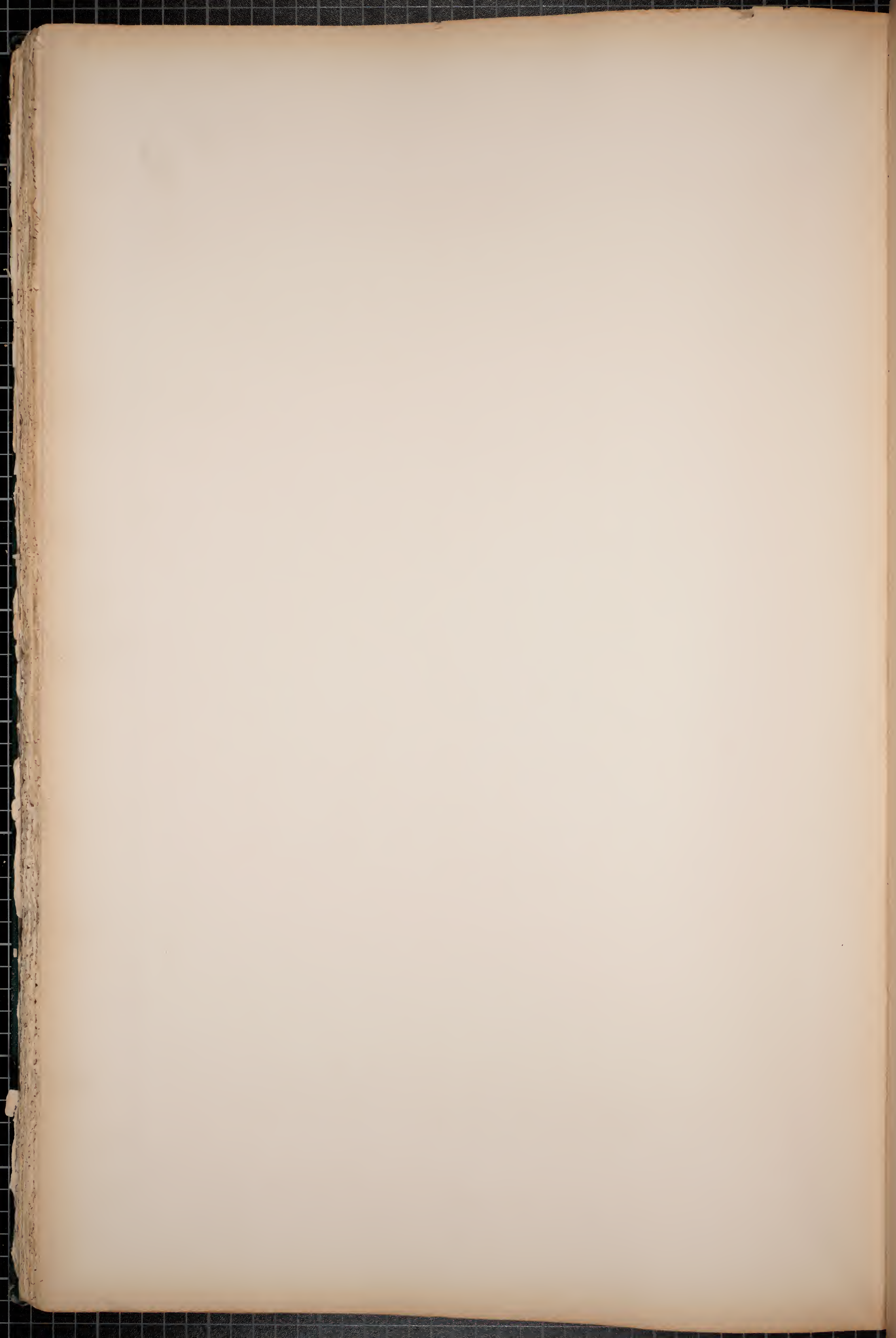
1 a. d. *Catopia fureata*.
 2 a. b. *Acartia limpida*.
 3 a. c. *negligens*.

4 a. g. *Acartia tonsa*.
 5 a. c. *laxa*.
 6 a. b. *Calanopia elliptica*.

7 a. b. 8 a. b. 9 a. g. *Calanopia brachata*.
 10 a. d. *Pontella plumata*.
 11 a. b. 12 a. b. *turgida*.

Drawn by [illegible]

72

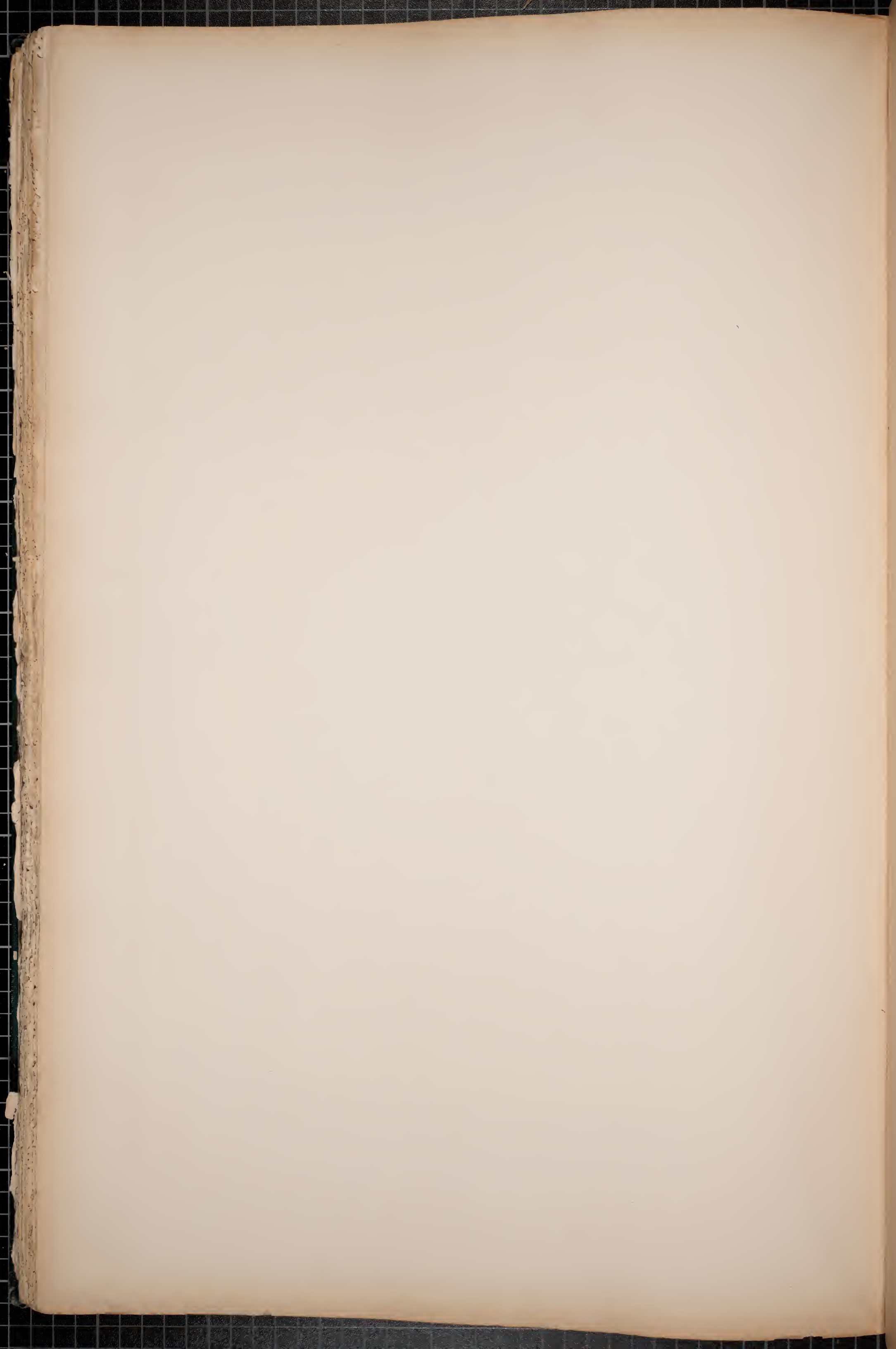


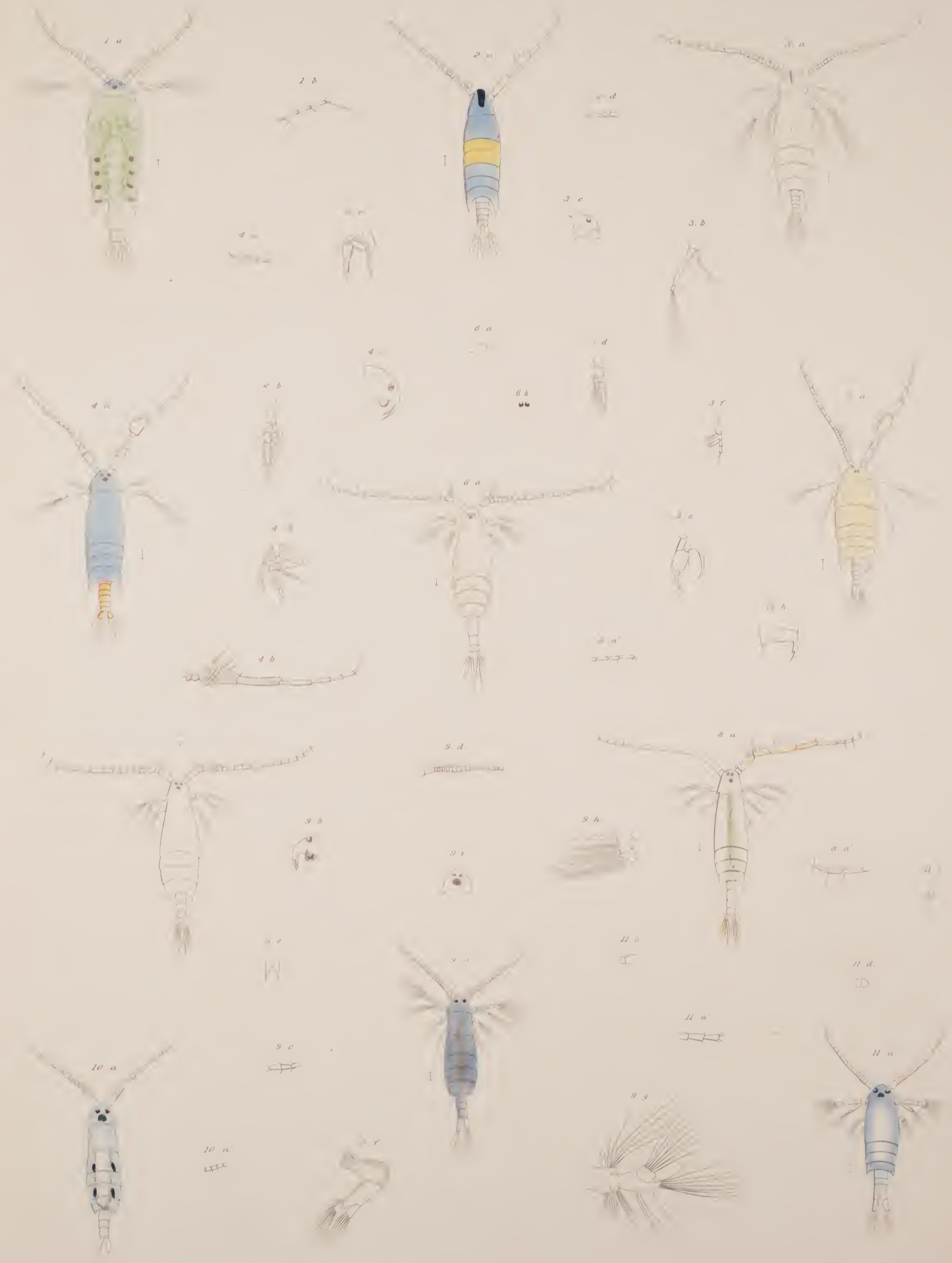


1 a b *Pontella curta*
 2 a c 3 *contracta*
 4 a b *media*

6 a b *Pontella crispata*
 7 a c *detruncata*
 8 a d *simplex*
 9 a d *exigua*
 10 a e *agilis*

11 a h *Pontella acutifrons*
 12 a c *acuta*
 13 a b *rubescens*
 14 a b *emerita*

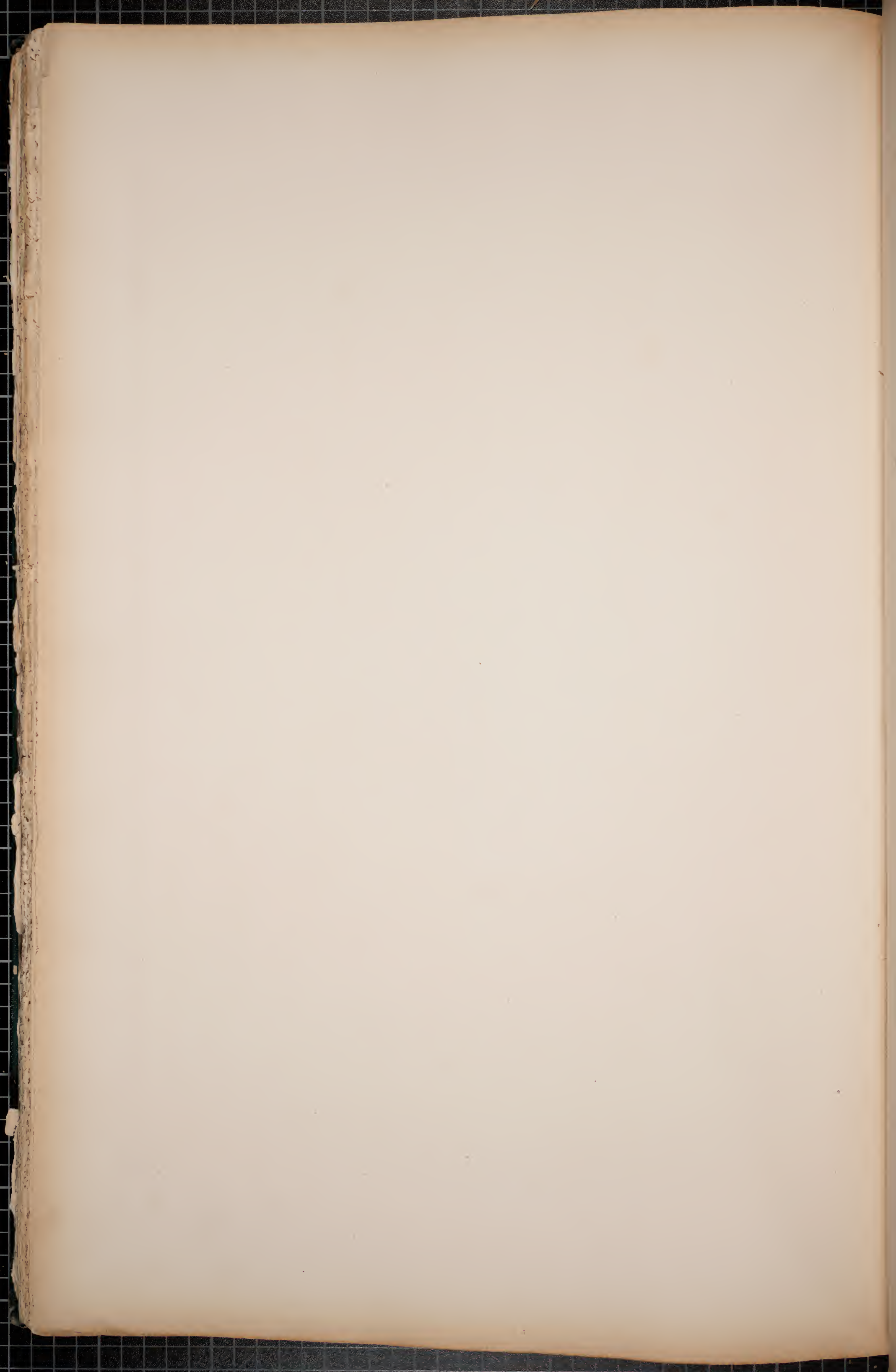


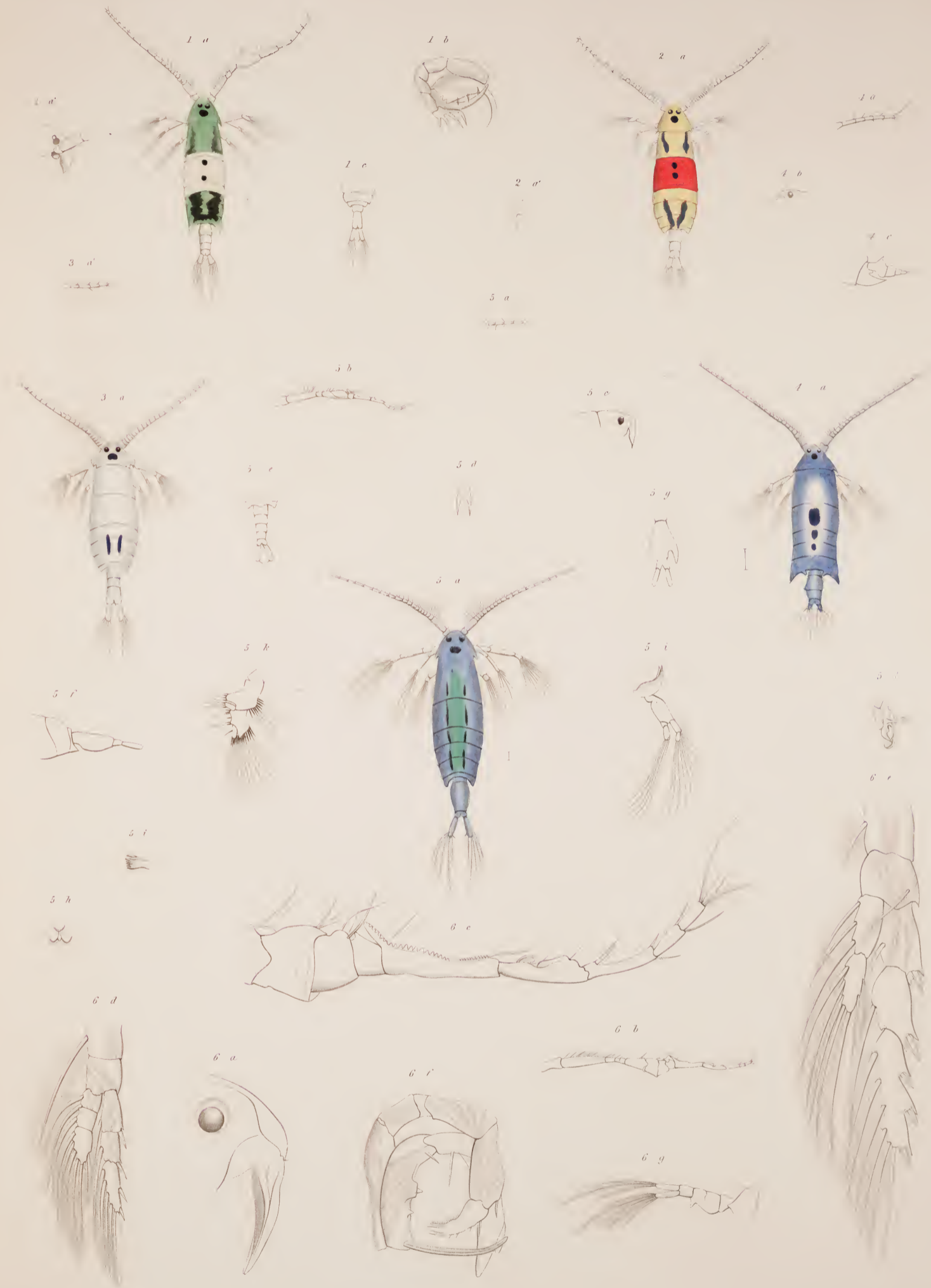


1 a. b. Pontella regalis.
 2 a. d. ——— perspicax.
 3 a. f. ——— pulchra.
 4 a. d. ——— strenua.
 5 a. b. ——— proteusa.

6 a. b. Pontella hebes.
 7 ——— rivola.
 8 a. a'. ———
 9 a. i. 10 a. ——— detonsa.
 11 a. c. ——— argentea.

W. S. Laptev

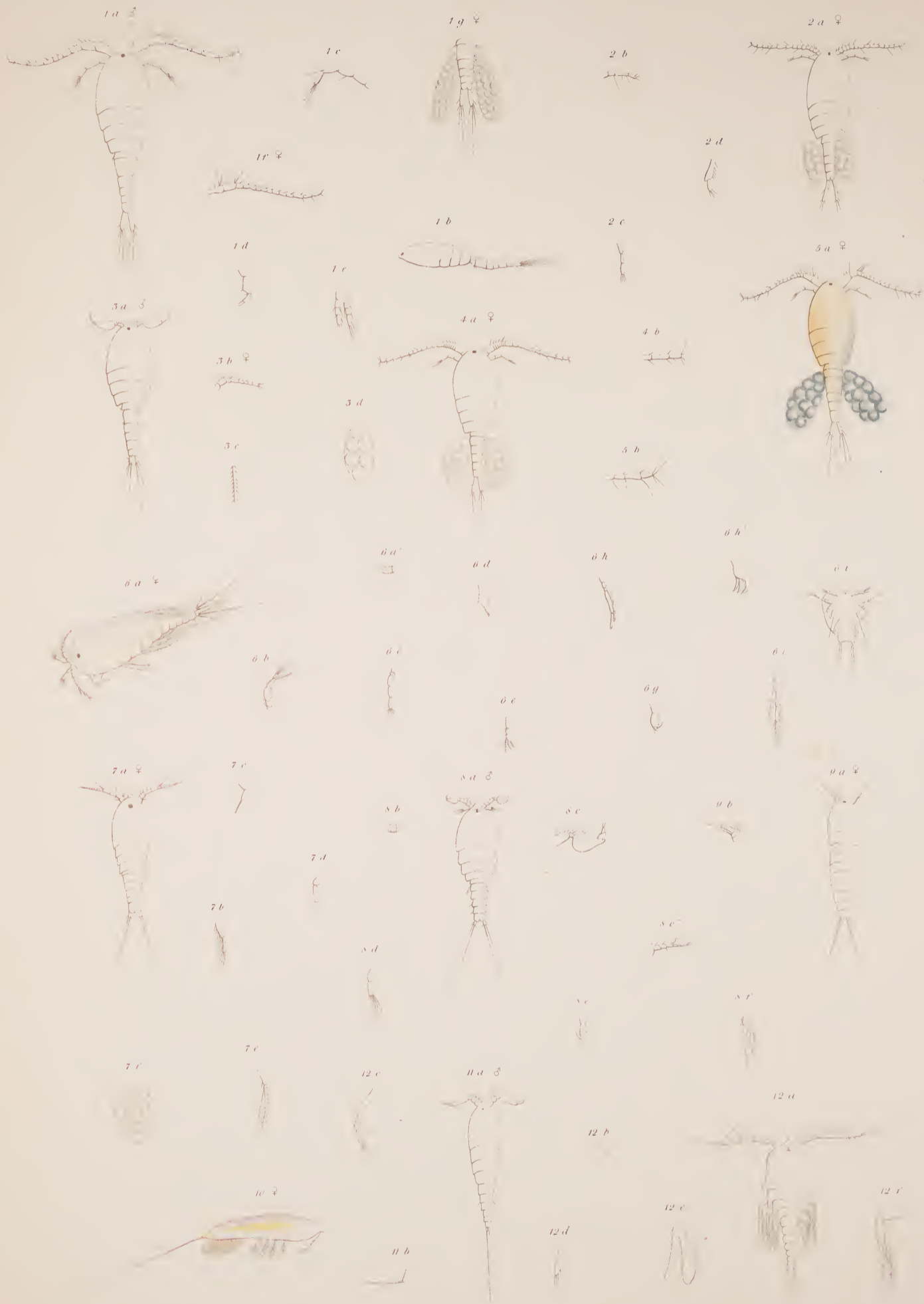




1 a. c. *Pontella speciosa*
 2 a. a. *speciosa*, var. *formosa*
 3 a. a. *detonsa*?

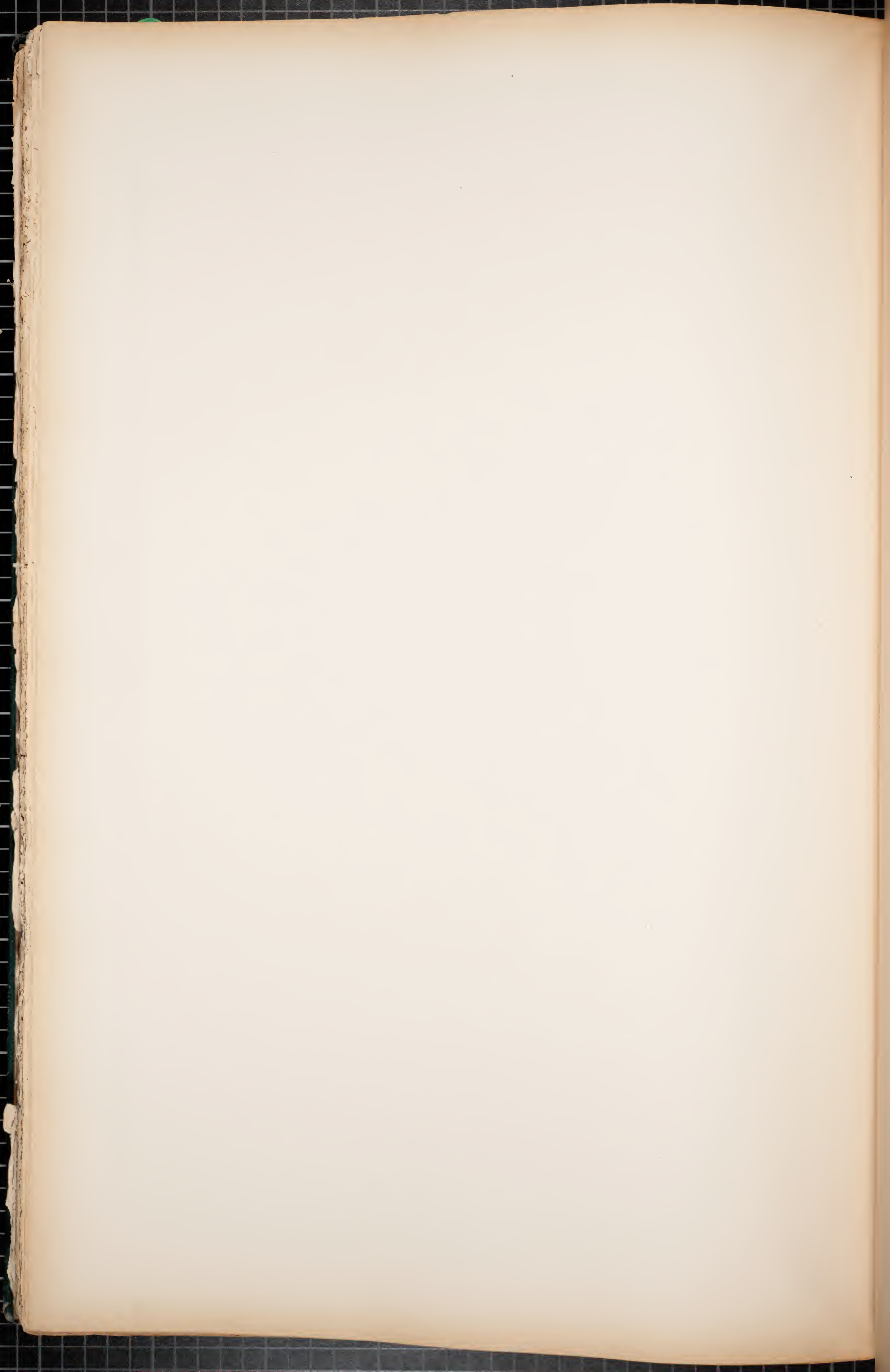
4 a. c. *Pontella princeps*
 5 a. l. *fera*
 6 a. g. *valida*

Illustrated by S. D. Hensley



1 a. q.	<i>Cyclops brasiliensis.</i>	5 a. b.	<i>Cyclops vittensis.</i>	9 a. b.	<i>Canthocamptus linearis.</i>
2 a. d.	<i>curticaudis.</i>	6 a. i.	<i>Canthocamptus virescens.</i>	10.	<i>rosens.</i>
3 a. d.	<i>pubescens.</i>	7 a. f.	<i>Harpacticus concinnus.</i>	11 a. b.	<i>Harpacticus aculeifrons.</i>
4 a. b.	<i>Mac-Leayi.</i>	8 a. f.	<i>sacer.</i>	12 a. f.	<i>Clytemnestra scutellata.</i>

Illustrations by J. B. Sars.





1 a. k. *Setella tenuicornis* Langjui.
 2 a. a. — *longicauda*.

Amphipoda

5 a. g. *Setella aciculata*.

3 a. g. *Setella gracilis*.
 4 a. c. *crassicornis*.

Amphipoda



1 a . d.	Corycaeus	gracilis.	5 a . d.	Corycaeus	longistylis.	9 a . d.	Corycaeus	vitreus.
2 a . c.	_____	decurtatus.	6	_____	obtusus.	10 a . b.	_____	agilis.
3 a . b.	_____	deplumatus.	7 a . b.	_____	crassiusculus.	11 a . c.	_____	orientalis.
4 a . i.	_____	varius.	8 a . c.	_____	laticeps.	12 a . e.	_____	lautus.

Drawn by J.D. Dana.

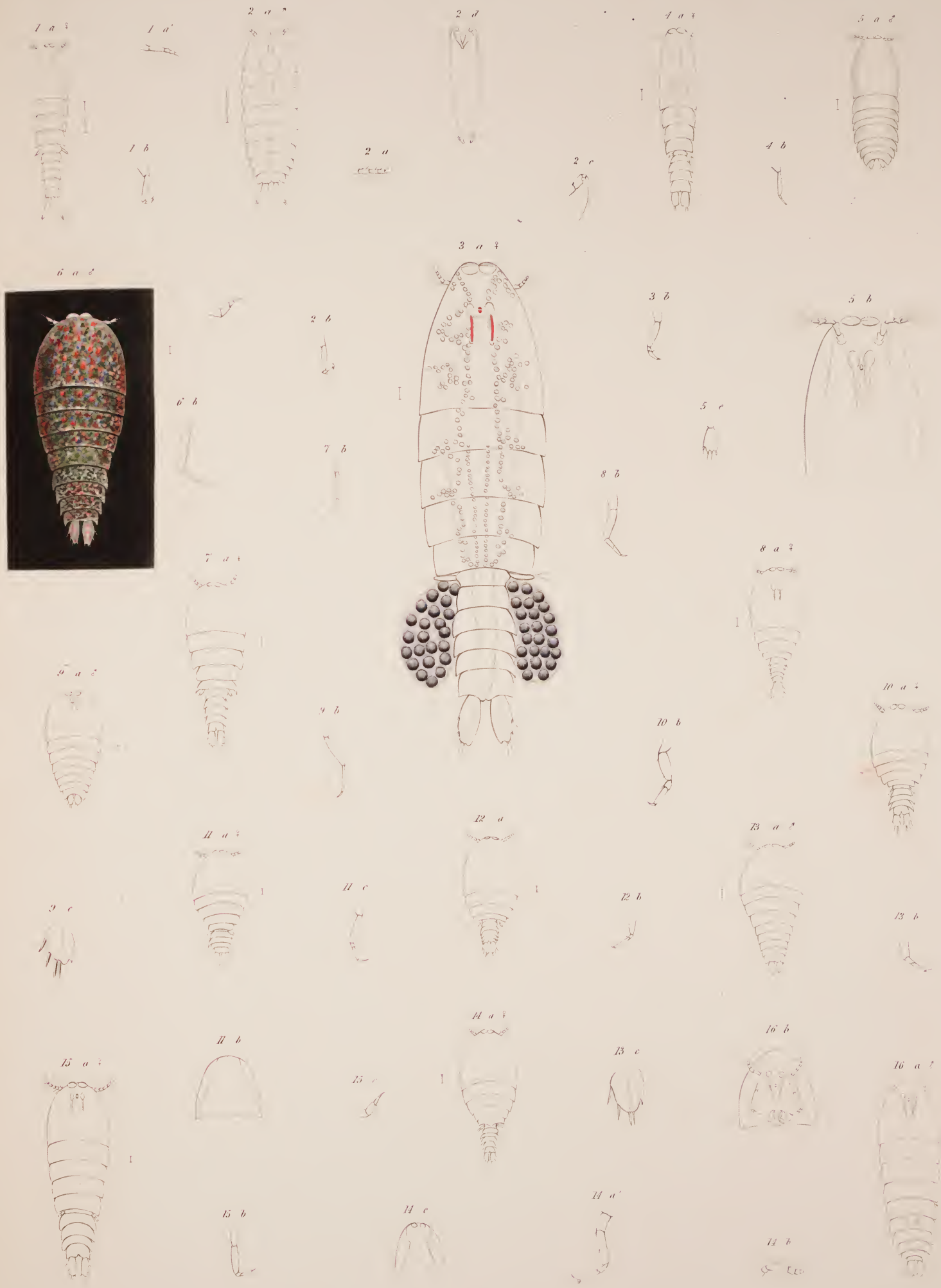
H. H. Bennett





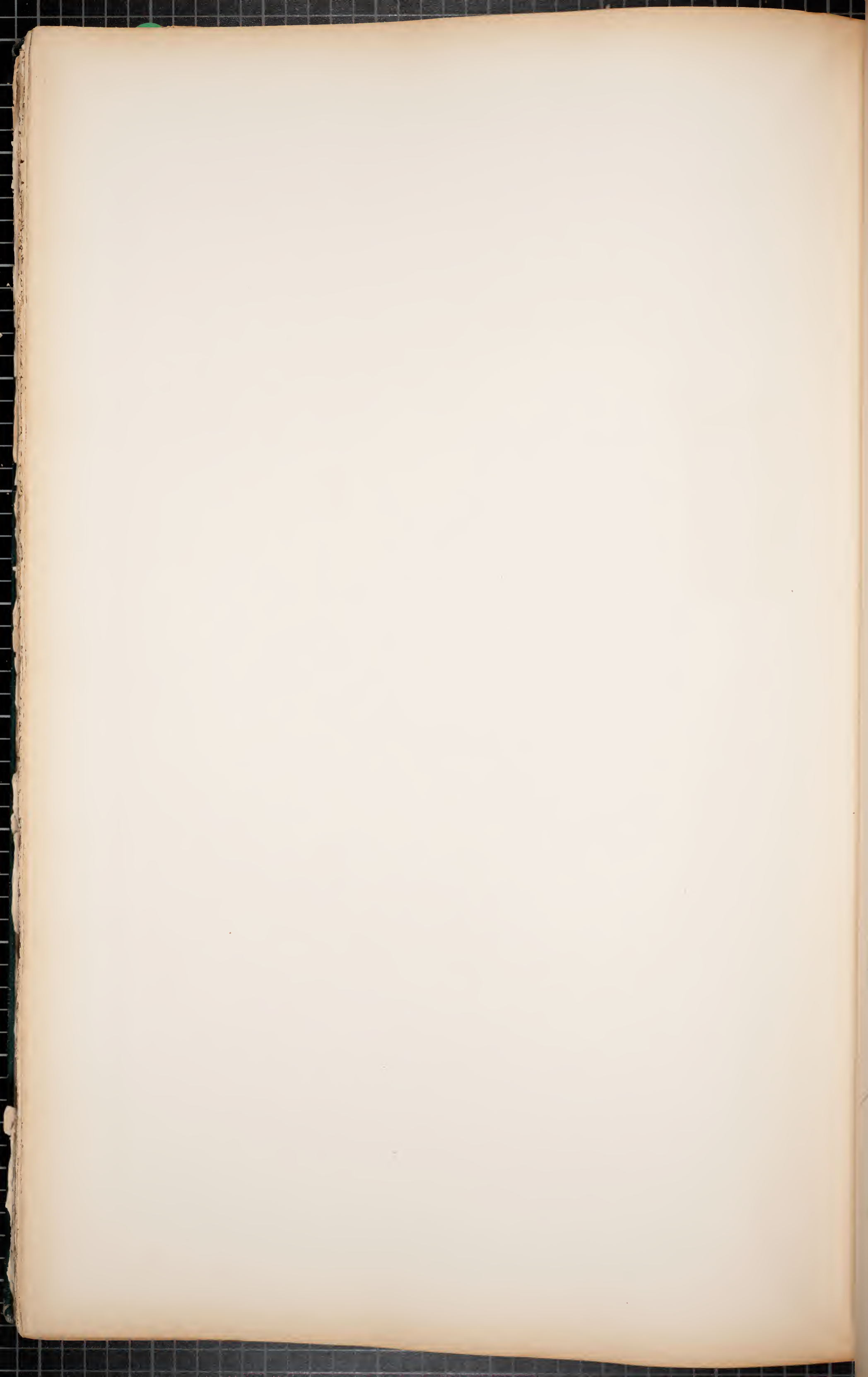
- | | | | | | | | | |
|-----------|------------------|--------------------|------------|------------------|----------------------|------------|----------------|------------------------|
| 1 a, . d. | <i>Corycaeus</i> | <i>spectosus</i> . | 6 a, . d. | <i>Corycaeus</i> | <i>pellucidus</i> . | 11 a, . d. | <i>Antaria</i> | <i>gracilis</i> . |
| 2 a, . b. | | <i>remiger</i> . | 7 a, . b. | | <i>concinus</i> . | 12 | | <i>gracilis</i> , var. |
| 3 a, . c. | | <i>latus</i> . | 8 a, . d. | | <i>productus</i> . | 15 a, . c. | | <i>obtusa</i> . |
| 4 a, . d. | | <i>venustus</i> . | 9 a, . c. | | <i>longicaudis</i> . | 14 a, . b. | <i>Cepilia</i> | <i>mirabilis</i> . |
| 5 a, . b. | | <i>inquietus</i> . | 10 a, . c. | <i>Antaria</i> | <i>crassimana</i> . | 15 a, . d. | | <i>quadrata</i> . |

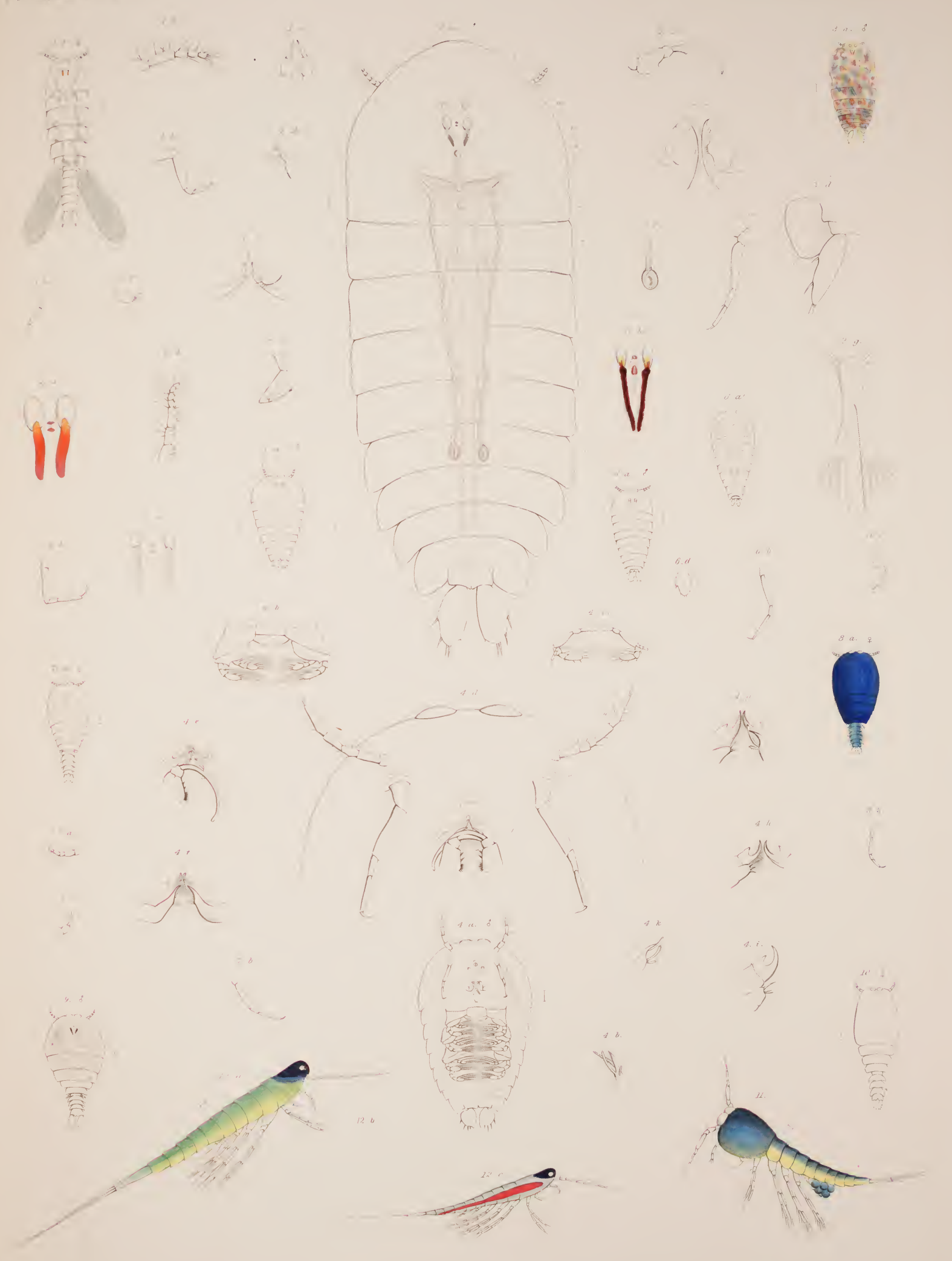
Drawn by J. D. Dana



1 a, c., 2 d.,	<i>Sapphirina iris</i>	6 a, b.,	<i>Sapphirina coruscans</i>	11 a, c.,	<i>Sapphirina detonsa</i>
3 a, b.,	<i>angusta</i>	7 a, b.,	<i>inæqualis</i>	12 a, b.,	<i>indiotica</i>
4 a, b.,	<i>elongata</i>	8 a, b.,	<i>ovata</i>	15 a, c., 14 a, c.,	<i>orientalis</i>
5 a, c.,	<i>metallina</i>	9 a, c.,	<i>splendens</i>	15 a, c., 16 a, b.,	<i>ovato-lanceolata</i>
		10 a, b.,	<i>ovalis</i>		

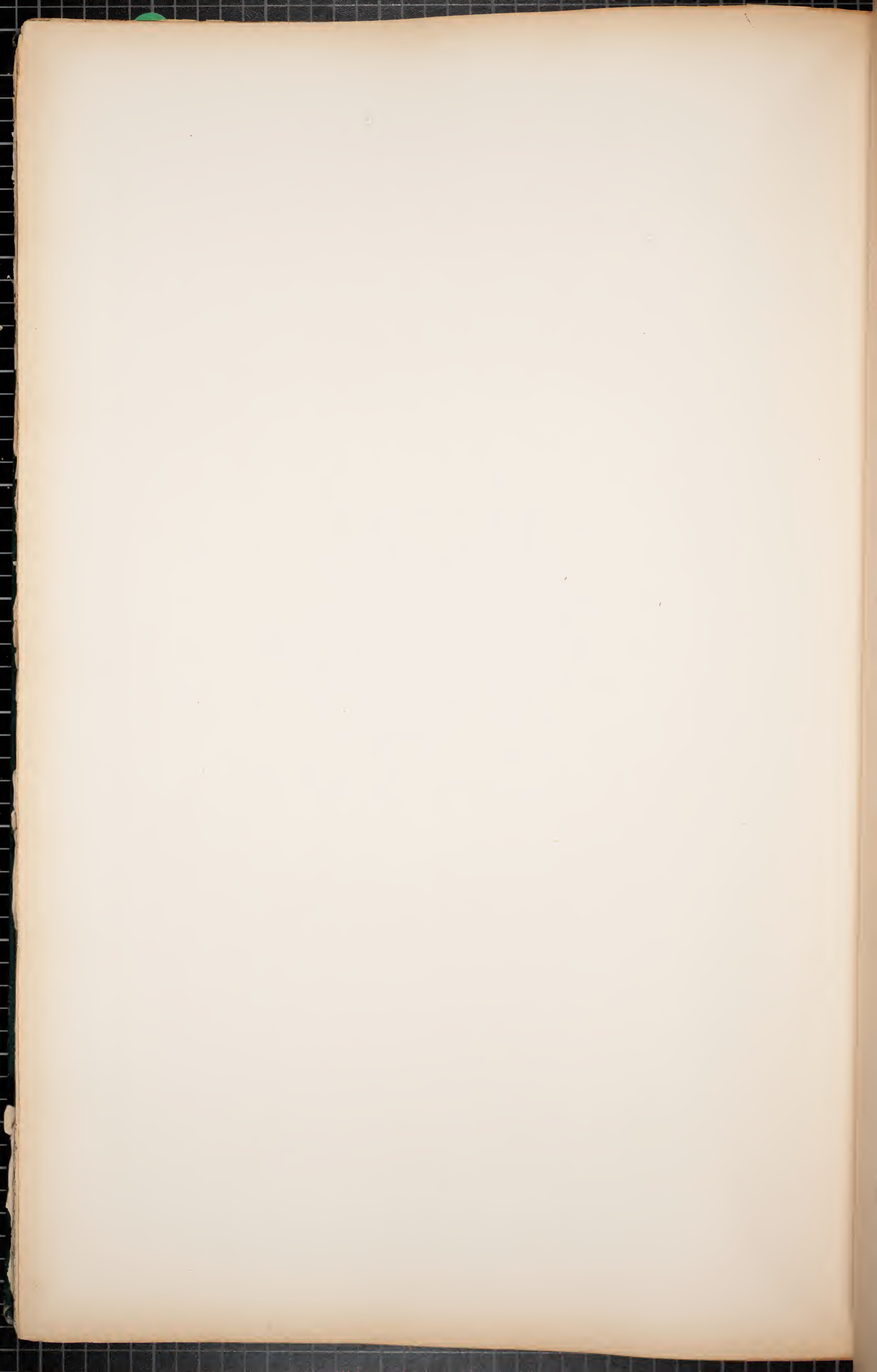
Drawn by J. D. Dana.





1 a. r. 2 a. g. Sapphirina gemma
 3 a. d. ————— bella
 4 a. l. ————— opalina
 5 a. c. ————— versicolor
 6 a. e. 7 a. a. ————— tonella

8 a. b. Sapphirina —————
 9. ————— obesa
 10. ————— obtusa
 11. Miracia efferata
 12 a. c. ————— gracilis





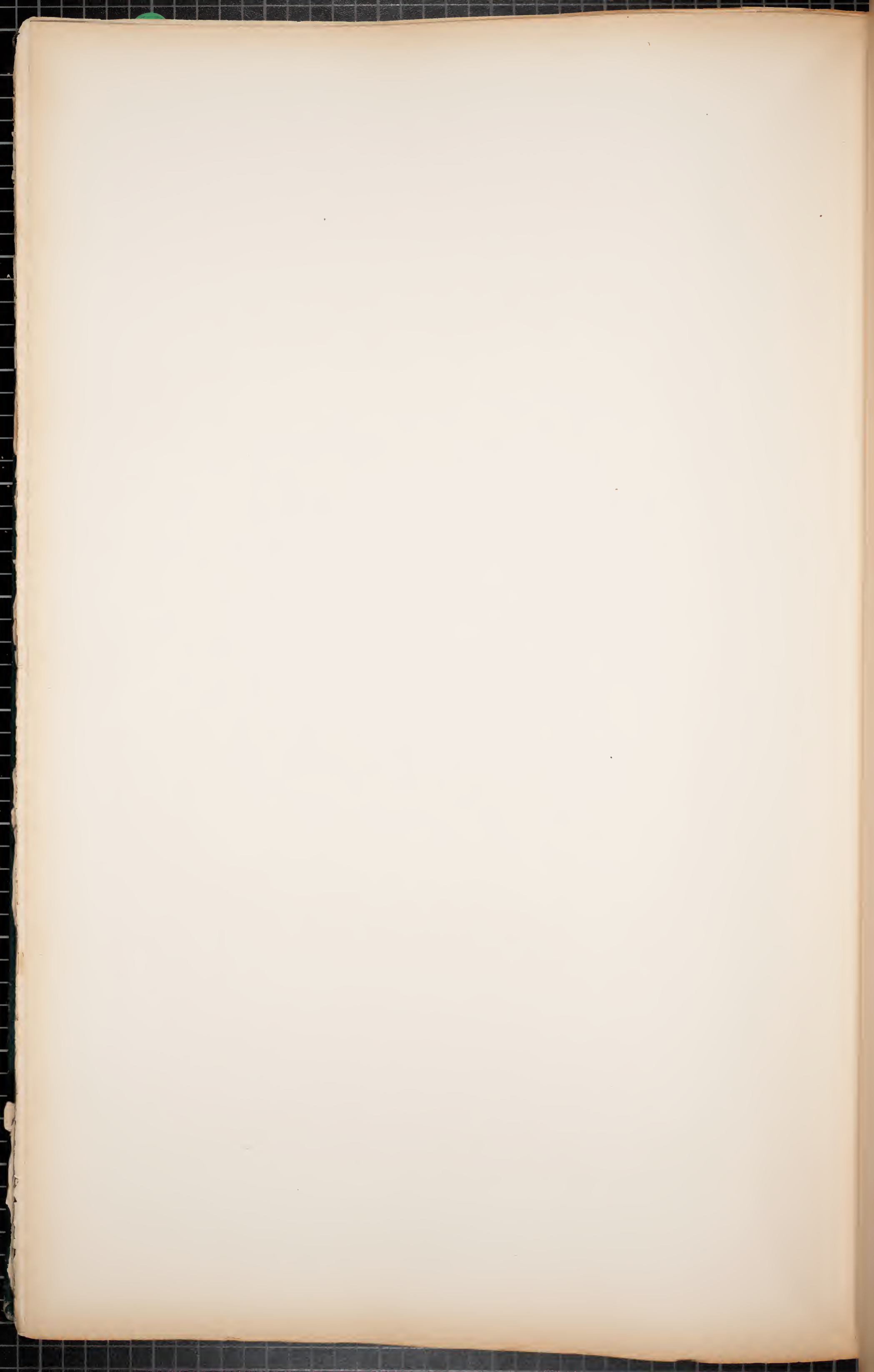
1 a...f. *Daphnella angusta*.
 2 a. b. *Penilia avirostris*.
 3 a...e. ——— *orientalis*.

4 a...e. *Daphnia australiensis*.
 5 a. b. ——— *macrura*.
 6 a. b. *Ceriodaphnia textilis*.

7 a. b. *Lynceus laurionis*.
 8 a...c. *Pleopis brevicaudis*.
 9 a...l. *Cythere americana*.

Drawn by J.D. Dana.

W.H. Dall.

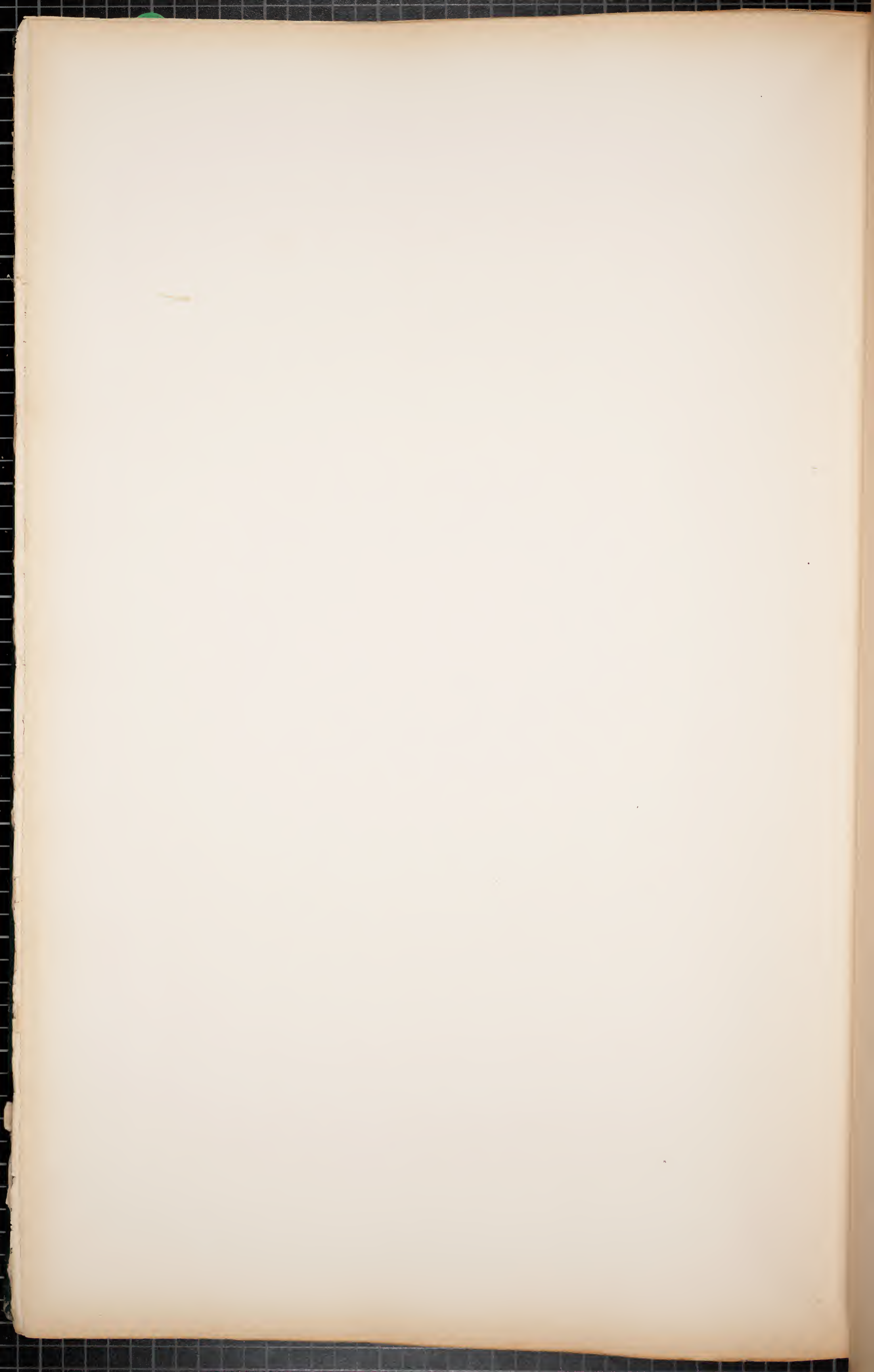




- | | | |
|----------------------------------|-----------------------------------|-----------------------------------|
| 1 a. g. <i>Cypris chilensis</i> | 4 a. g. <i>Conchoecia</i> | 8 a. c. <i>Cypris pubescens</i> |
| 2 a. g. <i>Cythere americana</i> | 5 a. g. <i>Halocypris inflata</i> | 9 a. d. <i>Candona? vitiensis</i> |
| 3 a. g. <i>Cypridina</i> | 6 <i>Cypris speciosa</i> | 10 — ? <i>albida</i> |
| | 7 a. l. — <i>chilensis</i> | |

Drawn by D. Dutca

H. S. Dwight Sc.

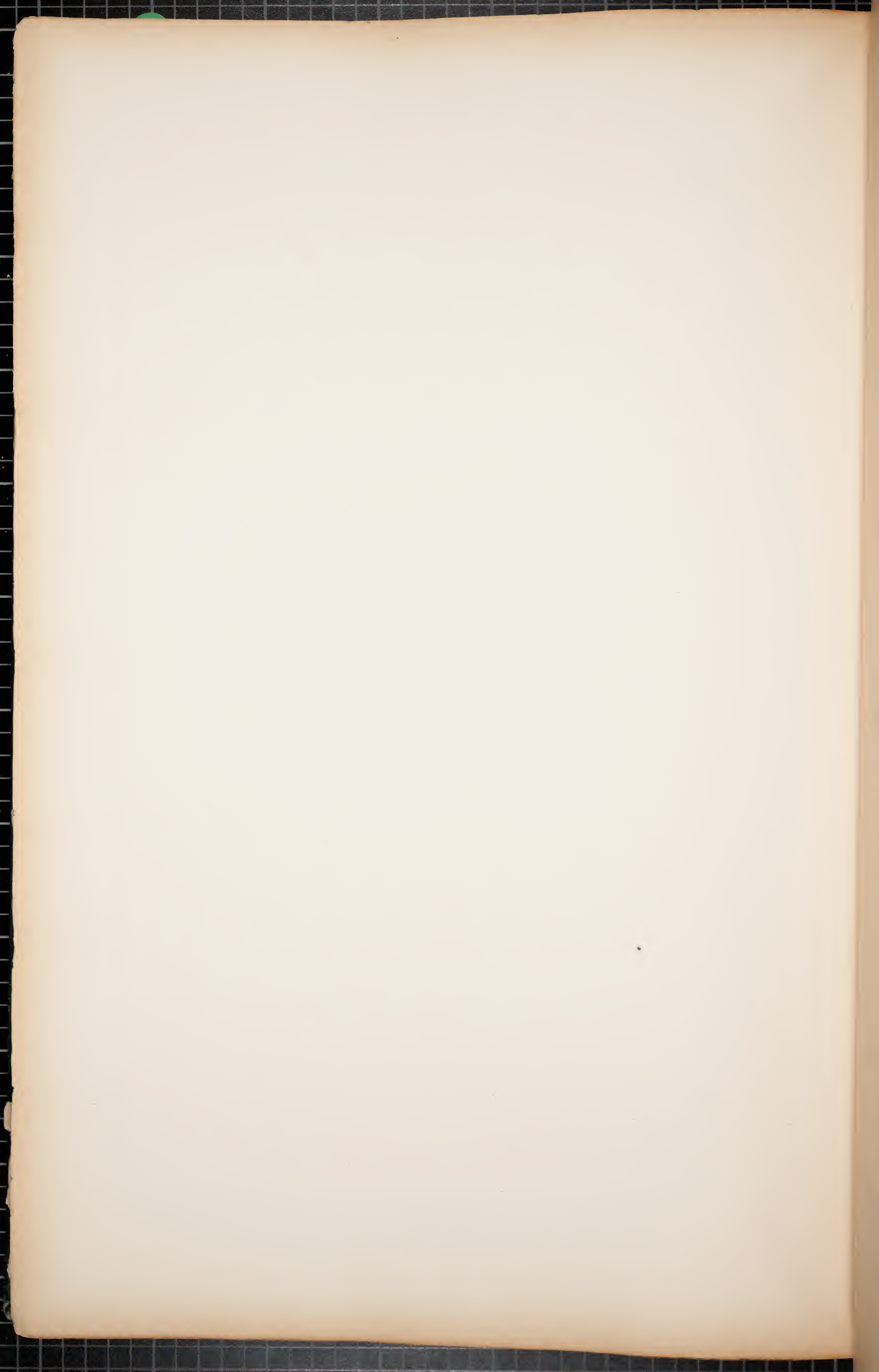




1 a. n.	Cypridina	luteola.	4 a. e.	Cypridina	gibbosa.	7 a. f.	Conchocia	rostrata.
2 a. b.	—	punctata.	5 a. h.	—	formosa.	8 a. k.	Halocypris	inflata.
3 a. b.	—	olivacea.	6 a. c.	Conchocia	agilis.	9 a. c.	—	brevirostris.

Drawn by J.D. Dana.

W.H. Dall.





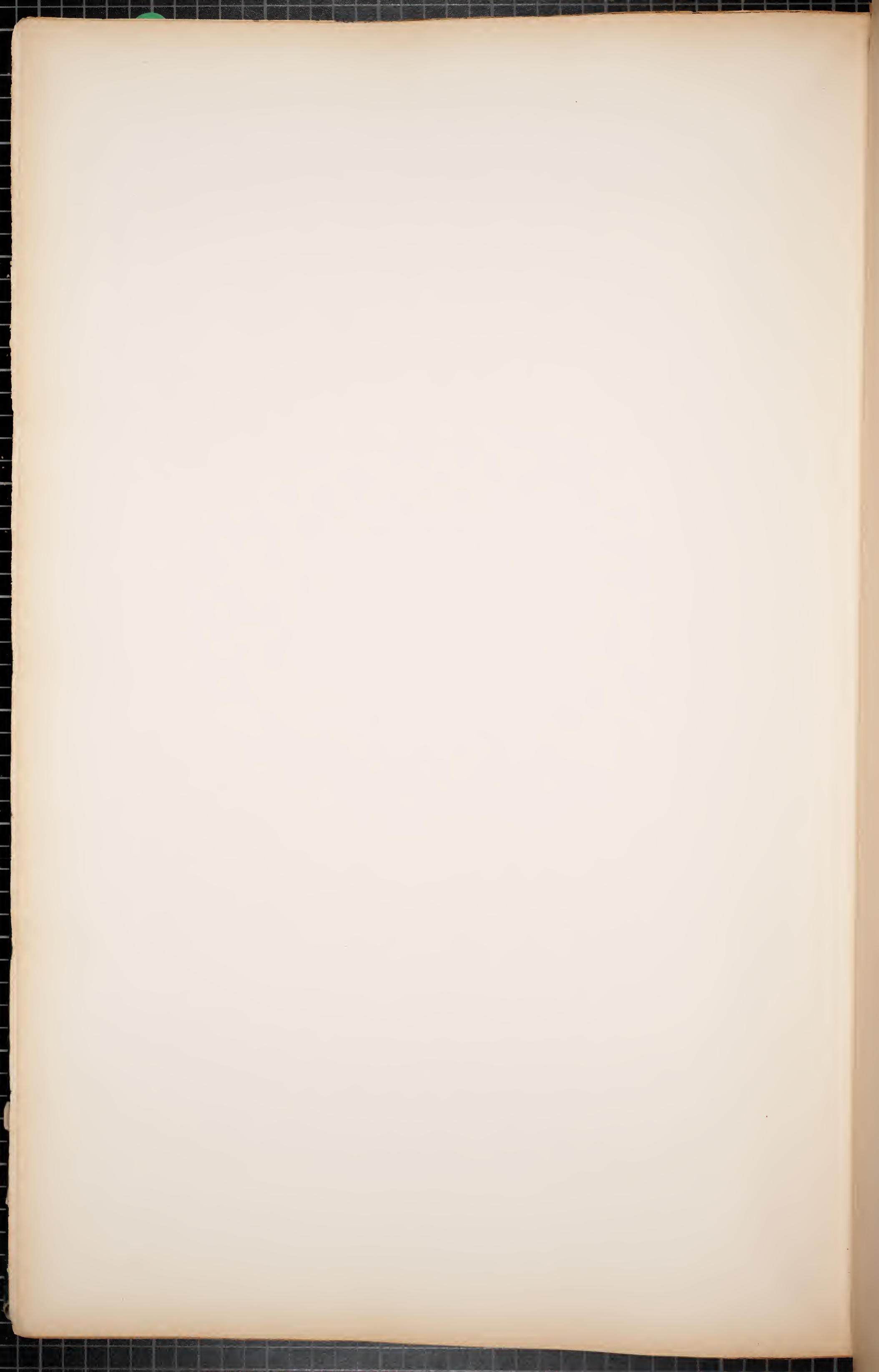
1 a...k. Sapphirina.
 2 b...k. Argulus.
 3 a...k. Caligus.

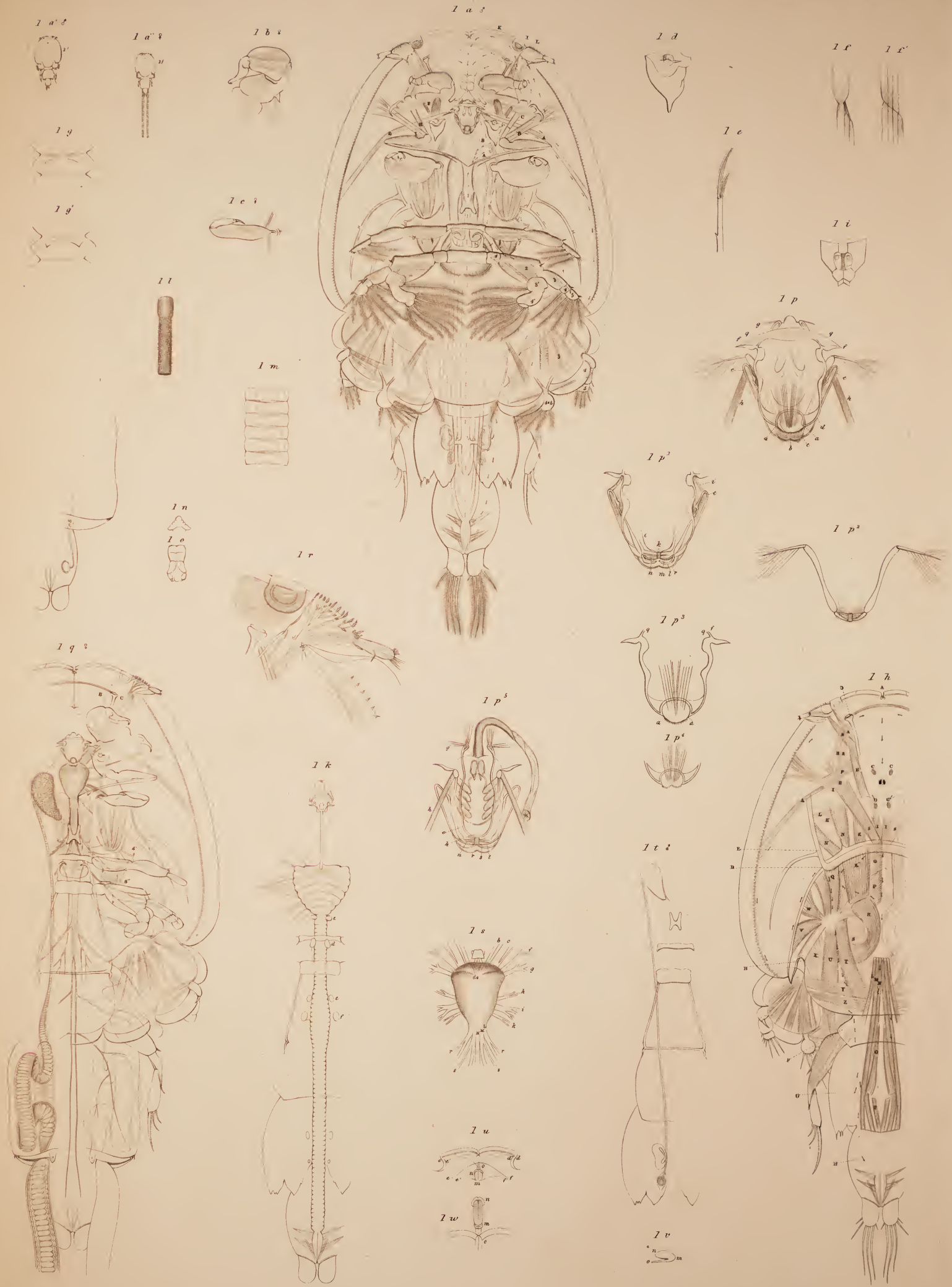
4 a...k. Pandarus.
 5 a...k. Lepidopus.
 6 a...i. Dichelestion.

7...7 h. Lernentoma.

Drawn by H.D. Dana

W.H. Dall

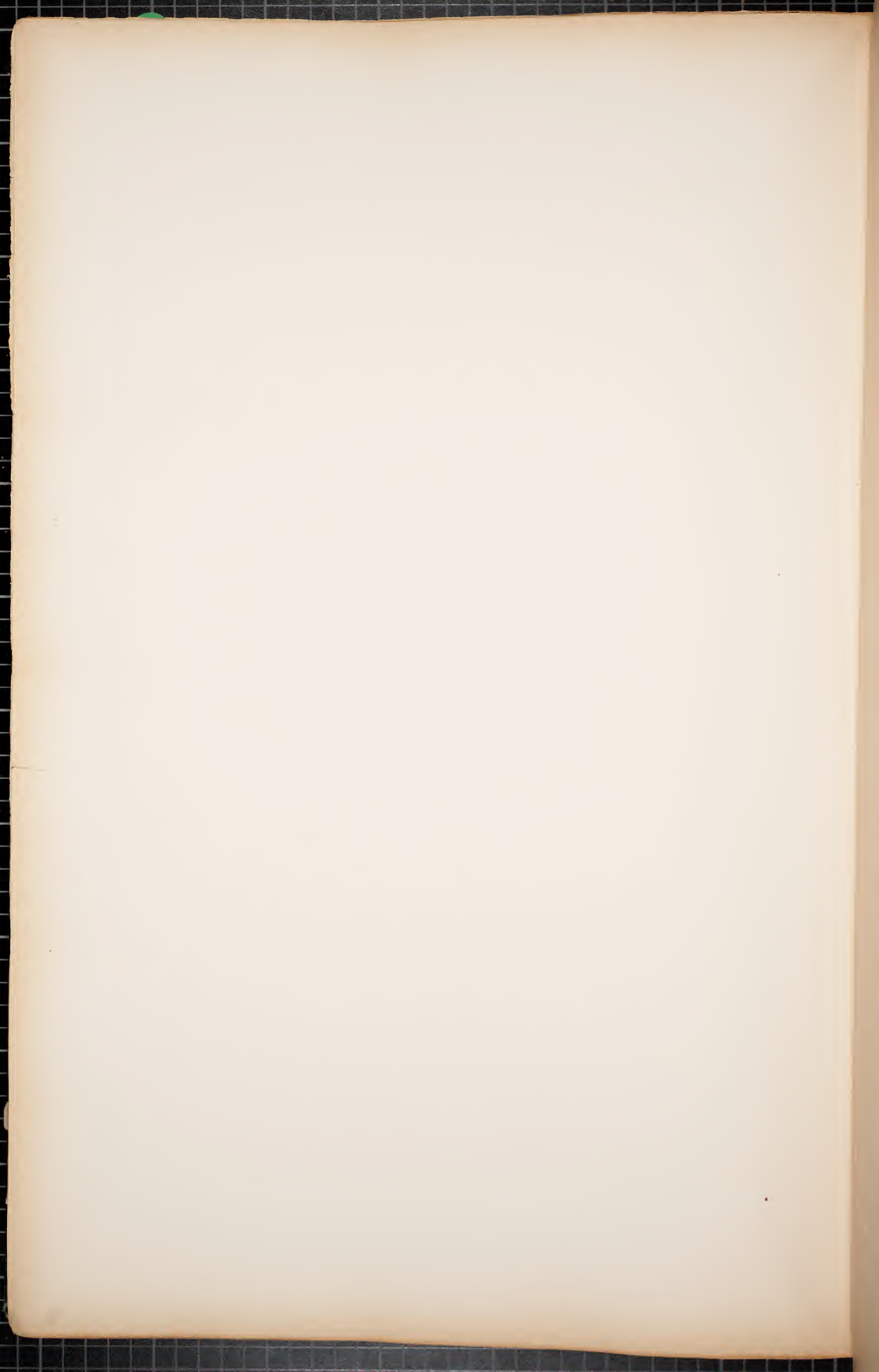


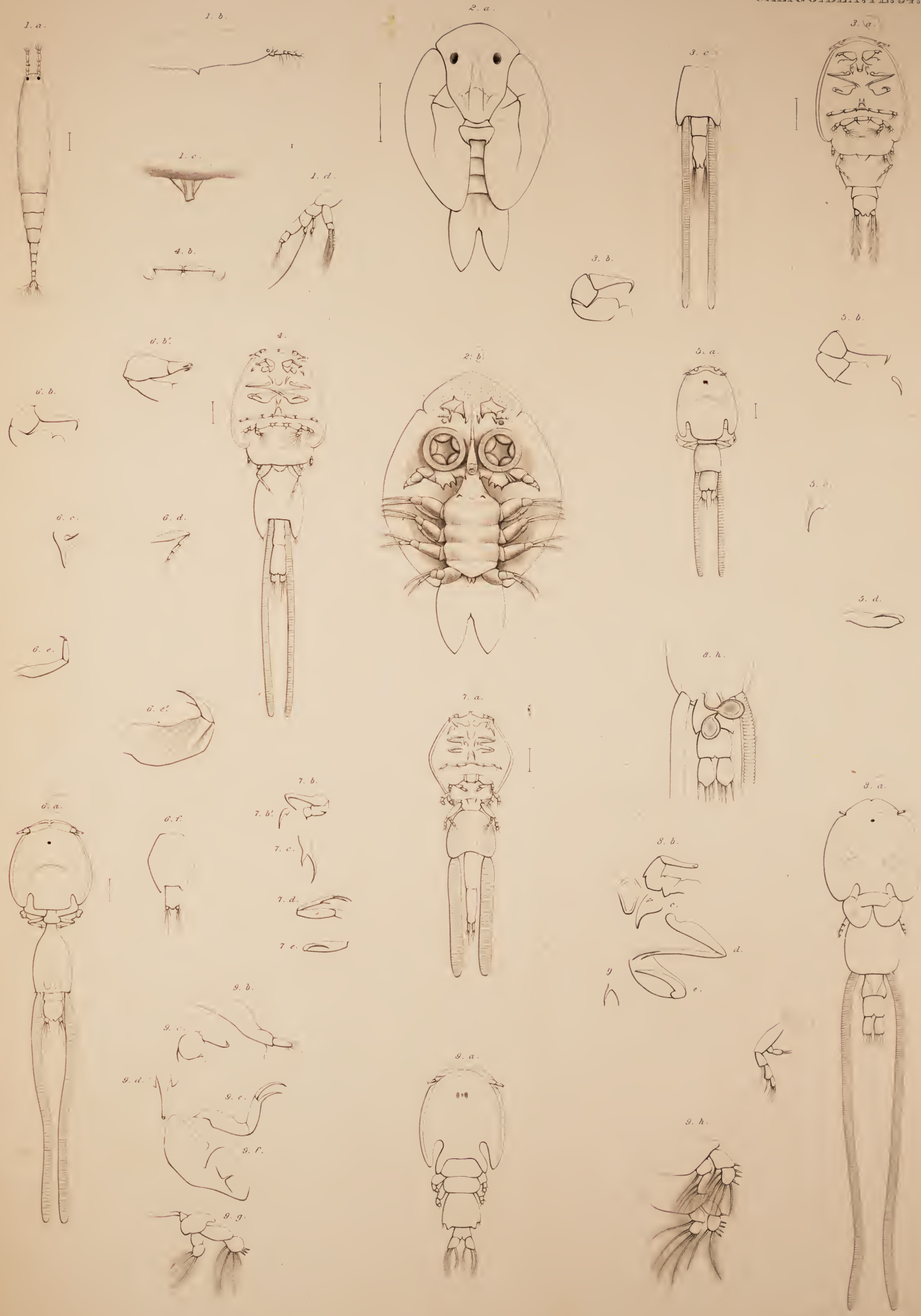


Caligus Americanus

Drawn by J. D. Dana

W. H. Dougal Sc.

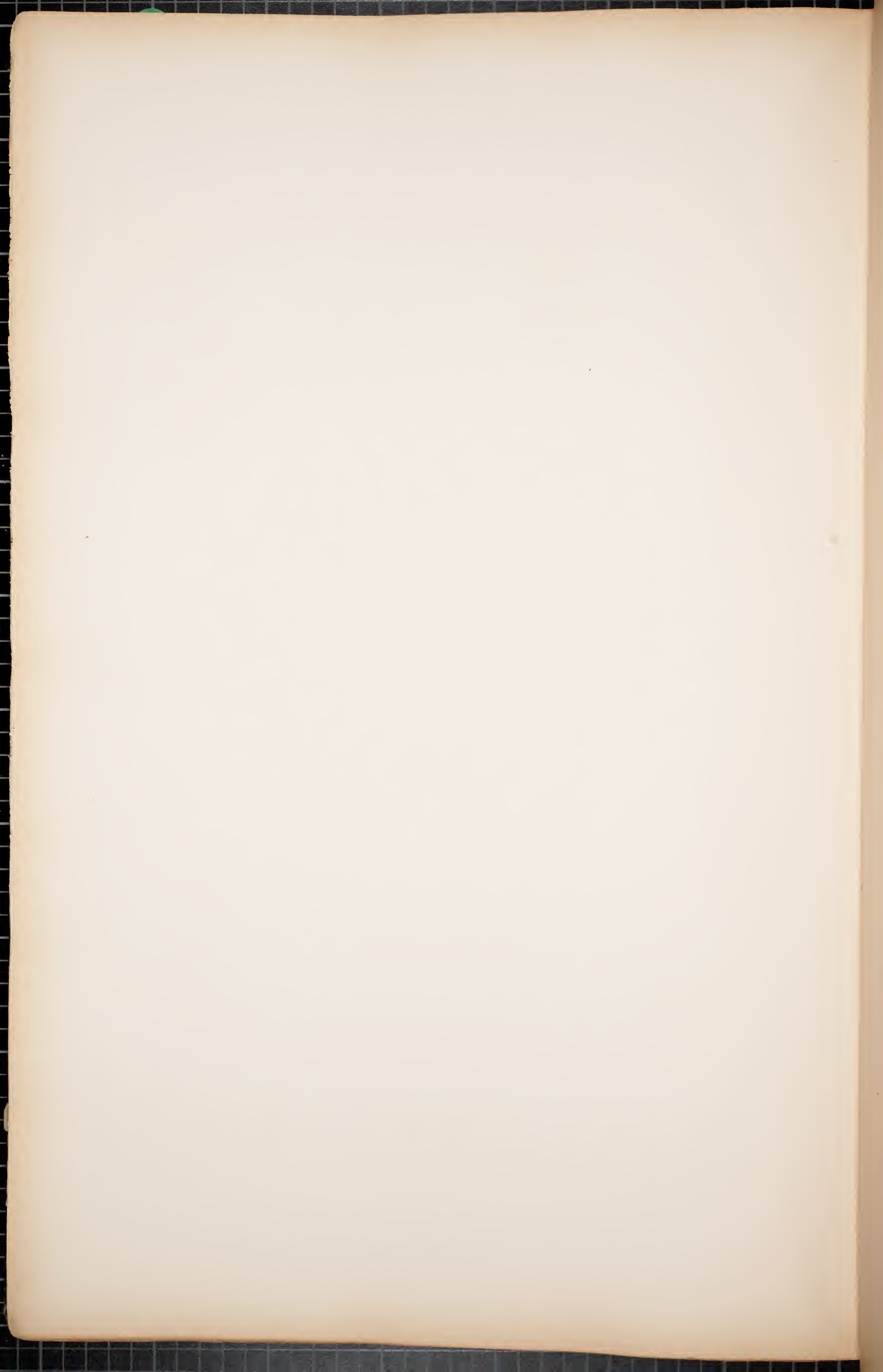




1 a . d . *Monstrilla viridis* .
 2 a . b . *Argulus pugettensis* .
 3 a . c . *Caligus thymni* .
 4 . *Caligus productus* .
 5 a . d . — *gracilis* .
 6 a . h . *Lepeophtheirus bagri* .
 7 a . e . *Calistes trigonis* .
 8 a . h . *Caligeria bella* .
 9 a . h . *Nogagus validus* .

Drawn by J.D. Dana.

W. M. Gould.

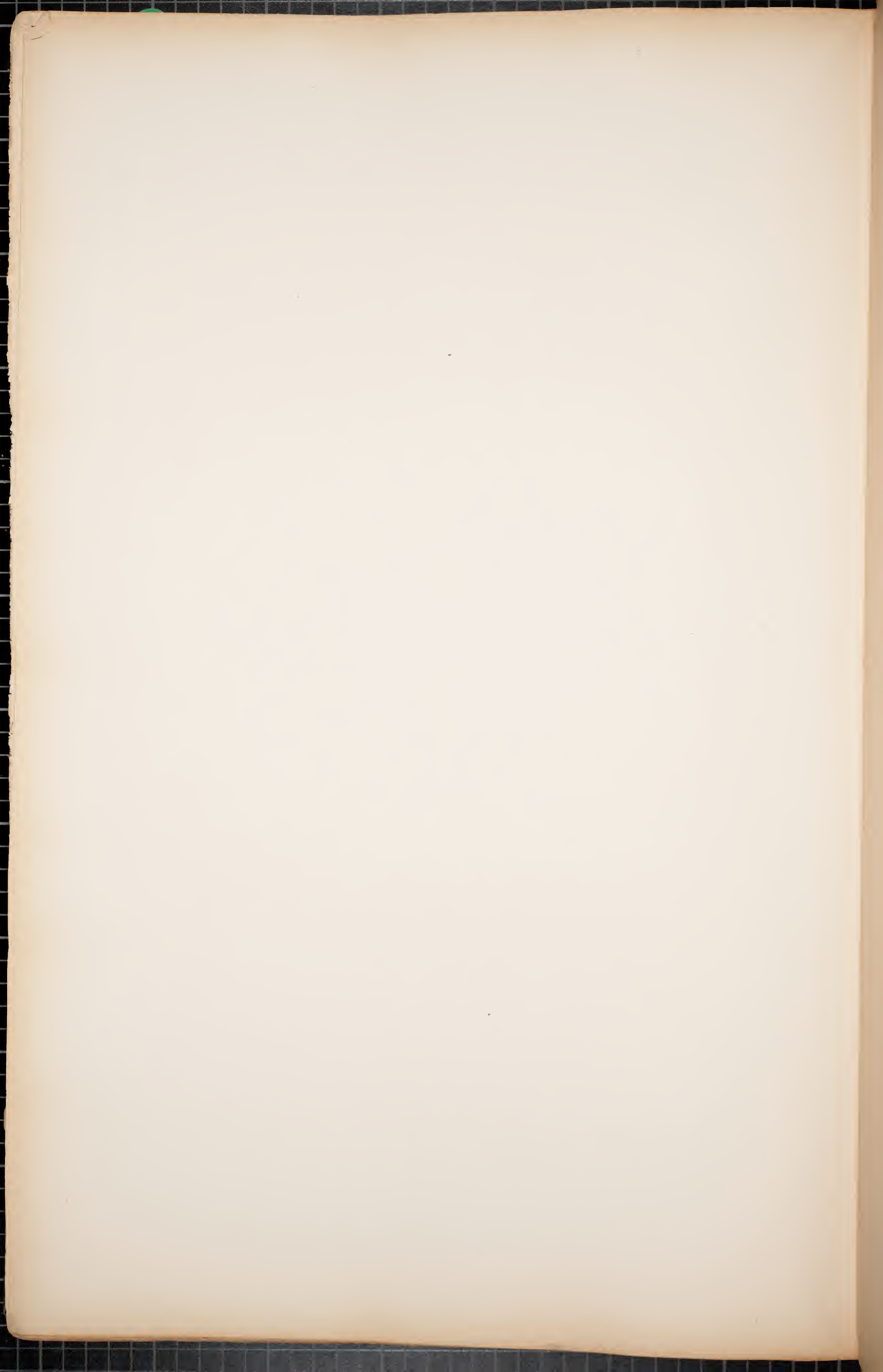




1 a. c. *Pandarus concinnus*
 2 a. c. _____ *satyrus*
 3 a. h. _____ *brevicandis*

4 a. b. *Dinematura braccata*
 5 a. k. *Lepidopus armatus*
 6 a. h. *Specilligis eurticandis*

7 a. c. *Corycaeus deplanatus jun.*
 8 Young of a Schizopod?
 9 10 Young of _____?
 11 Young of Balanus?

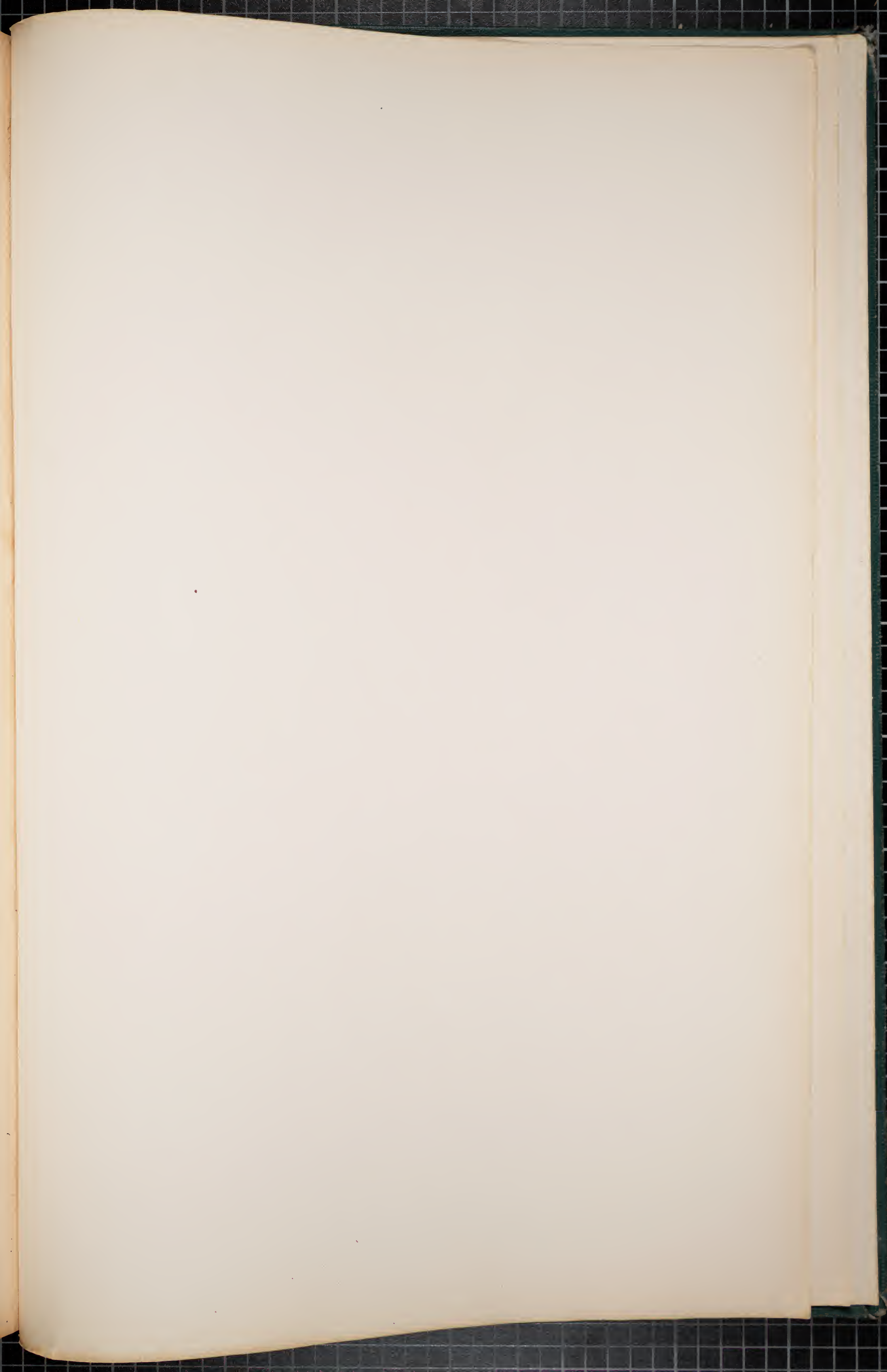


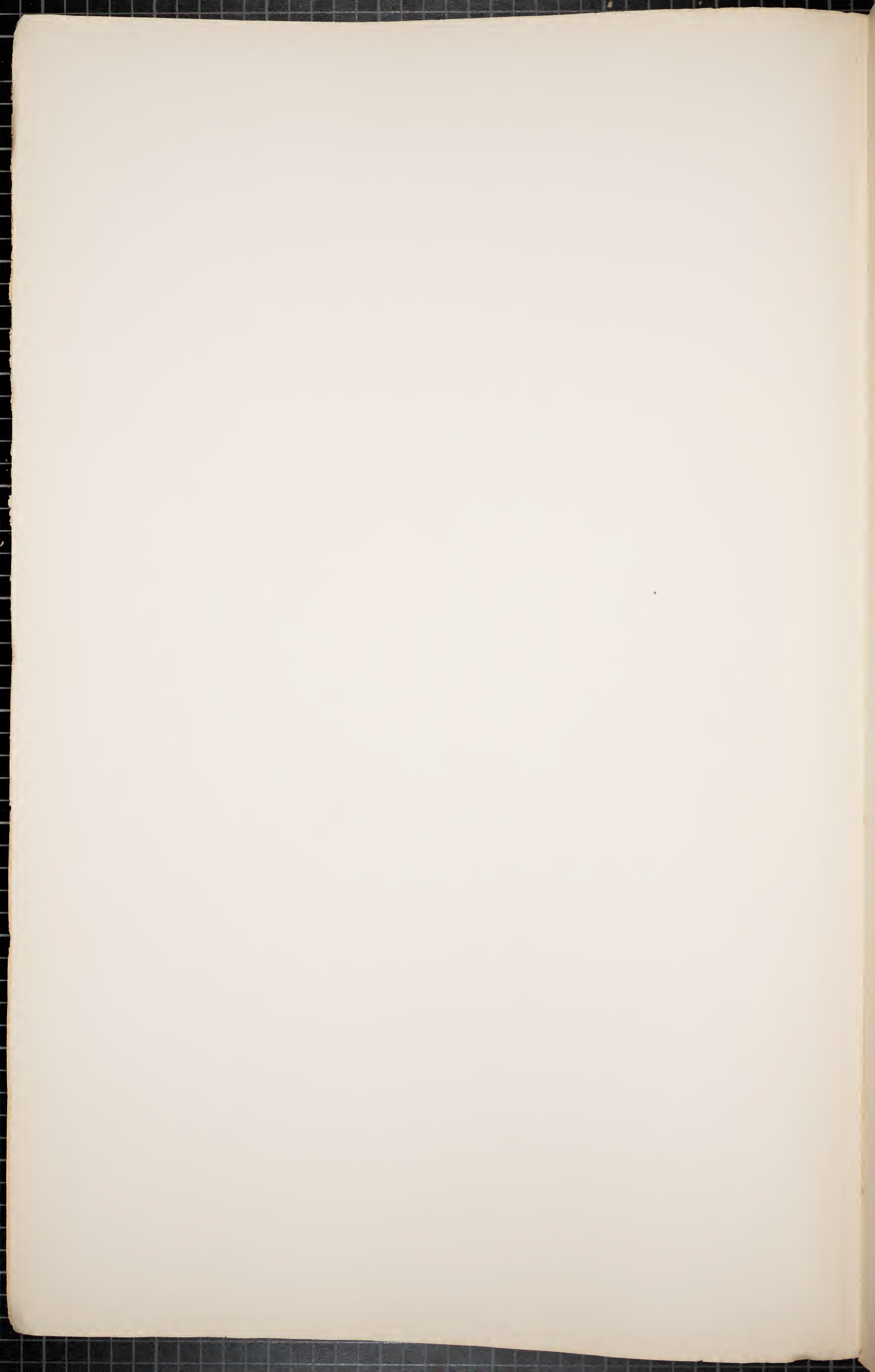


1 a, b. Lernaeopoda californensis.
 2 a, c. Pycnogonum orientale.

3 3 Anatifidae
 9 a, g. Acastra spiculus









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