

EXPLANATION OF PLATES.

PLATE I.

ETEONE CINEREA *n. sp.*

- FIG. 1.—Anterior foot, $\times 16$.
2.—Middle foot, $\times 16$.
3.—Posterior foot, $\times 16$.
4.—Head and buccal segment, $\times 16$.
5.—Seta, $\times 300$.

PODARKE CÆCA *n. sp.*

- FIG. 6.—Head and anterior segments, $\times 70$.
7.—Eighth and ninth segments, $\times 70$.
8.—Seta, $\times 450$.

HESIONE AGILIS *n. sp.*

- FIG. 9.—Head and anterior part of alimentary canal, $\times 45$.
10.—Foot, from middle of body, $\times 45$.
11.—Compound seta, $\times 400$.

PLATE II.

SYLLIDES CONVOLUTA *n. sp.*

- FIG. 12.—Head and anterior segments, $\times 85$.
13.—Outline of middle segments, $\times 85$.
14.—Compound seta, $\times 750$.
15.—Simple seta (acicula), $\times 750$.
16.—Foot, $\times 150$.

STREPTOSYLLIS ARENÆ *n. g., n. sp.*

- FIG. 17.—Head and first two segments, $\times 65$.
18.—Outline of under surface of head, $\times 85$.
19.—Posterior segments, $\times 35$.
20.—Foot with articulated jointed cirrus, $\times 85$.
21.—Foot, to show ventral cirrus, $\times 85$.

PLATE III.

STREPTOSYLLIS ARENÆ *n. g., n. sp.*

- FIG. 22.—Compound seta, $\times 400$.
23.—Simple seta, $\times 400$.

SPHÆROSYLLIS BREVIFRONS *n. sp.*

- FIG. 24.—Head and first two segments, $\times 130$.
 25.—Posterior segments, $\times 130$.
 26.—Foot with cirri, $\times 230$.
 27.—Single dorsal cirrus with double constriction, $\times 230$.
 28.—Compound seta, $\times 750$.
 29.—Simple seta, $\times 750$.
 30.—Simple seta, $\times 750$.

PÆDOPHYLAX HEBES *n. sp.*

- FIG. 31.—Head and anterior segments, $\times 85$.
 32.—Posterior segments, $\times 85$.
 33.—Anterior compound seta, $\times 750$.
 34.—Posterior compound seta, $\times 750$.
 35.—Ordinary simple seta, $\times 750$.
 36.—Posterior simple seta, $\times 750$.

NEREIS TENUIS *n. sp.*

- FIG. 37.—Head and first two segments, $\times 25$.

PLATE IV.

NEREIS TENUIS *n. sp.*

- FIG. 38.—Proboscis, ventral view, $\times 25$.
 39.—Foot from tenth segment, posterior view, $\times 50$.
 40.—Posterior foot, posterior view, $\times 50$.
 41.—Seta of dorsal ramus and upper part of ventral ramus, $\times 750$.
 42.—Seta of lower bundle, lower ramus, $\times 750$.
 43.—Seta of ventral ramus, $\times 750$.

STAUROCEPHALUS CECUS *n. sp.*

- FIG. 44.—Head and first two segments, $\times 130$.
 44a.—Lower jaw, $\times 130$.
 45.—Foot from large specimen, $\times 130$.
 46.—Seta, upper part of upper bundle, $\times 750$.
 47.—Seta, lower part of upper bundle, $\times 750$.
 48.—Seta, lower bundle, $\times 750$.

PLATE V.

GONIADA GRACILIS *Ferrill.*

- FIG. 49.—Head and first segment, $\times 50$.
 50.—Anterior foot, $\times 85$.
 51.—Foot from twenty-seventh segment, $\times 85$.
 52.—Middle foot, $\times 85$.

SPIO RATHBUNI *n. sp.*

- FIG. 53.—Head and first two segments, without tentacles, $\times 85$.
 54.—Foot of second segment, anterior view, $\times 160$.
 55.—Branchiated segment, $\times 160$.
 56.—Short setae, found sparingly in both rami, $\times 750$.
 57.—Ordinary dorsal seta, $\times 750$.
 58.—Ventral uncinus, $\times 750$.
 59.—Anal cirri, $\times 85$.

STREBLOSPIO BENEDICTI *Webster*.

FIG. 60.—Head and first segment, without tentacles, showing origin of branchiæ side view, $\times 130$.

61.—Head, dorsal view, $\times 130$.

62.—Fourth segment, transverse section, $\times 85$.

63.—Posterior segments, transverse section, $\times 85$.

64.—Posterior segments, with anal sucker, $\times 130$.

PLATE VI.

SPIOPHANES VERRILLI *n. sp.*

FIG. 65.—Head with tentacles, $\times 25$.

66.—Head without tentacles, $\times 25$.

67.—Fourth segment, transverse section, $\times 25$.

68.—Sixth segment, transverse section, $\times 25$.

69.—Fifteenth segment, transverse section, $\times 25$.

70.—Dorsal seta, $\times 450$.

71.—Anterior ventral seta, $\times 450$.

72.—Ventral uncinus, $\times 450$.

NICOLEA VIRIDIS *n. sp.*

FIG. 73.—Anterior branchia, $\times 70$.

74.—Uncinus, $\times 750$.

PISTA INTERMEDIA *n. sp.*

FIG. 75.—Single branch of branchia, $\times 35$.

76.—Long capillary seta, $\times 130$.

77.—Short capillary seta, $\times 130$.

78.—Anterior uncinus, $\times 450$.

PLATE VII.

PISTA PALMATA (*Ferrill*).

FIG. 79.—Anterior uncinus, $\times 450$.

POTAMILLA NEGLECTA *Malmgren*.

FIGS. 80, 81.—Anterior capillary setæ, $\times 230$.

82, 83.—Anterior pointed uncini, $\times 230$.

FIG. 84.—Anterior uncinus, $\times 230$.

THAUMASTOMA SINGULARE *n. g., n. sp.*

FIG. 85.—Head and first segment, $\times 15$.

86.—Anterior end of proboscis, $\times 15$.

87.—One-half of second segment, transverse section, $\times 15$.

88.—One-half of third segment, transverse section, $\times 15$.

89.—One-half of fourth segment, transverse section, $\times 15$.

90.—One-half of eighth segment, transverse section, $\times 15$.

91.—One-half of seventeenth segment, transverse section, $\times 15$.

FIGS. 92, 93.—Setæ from first segment, $\times 85$.

FIG. 94.—Ordinary seta, $\times 85$.

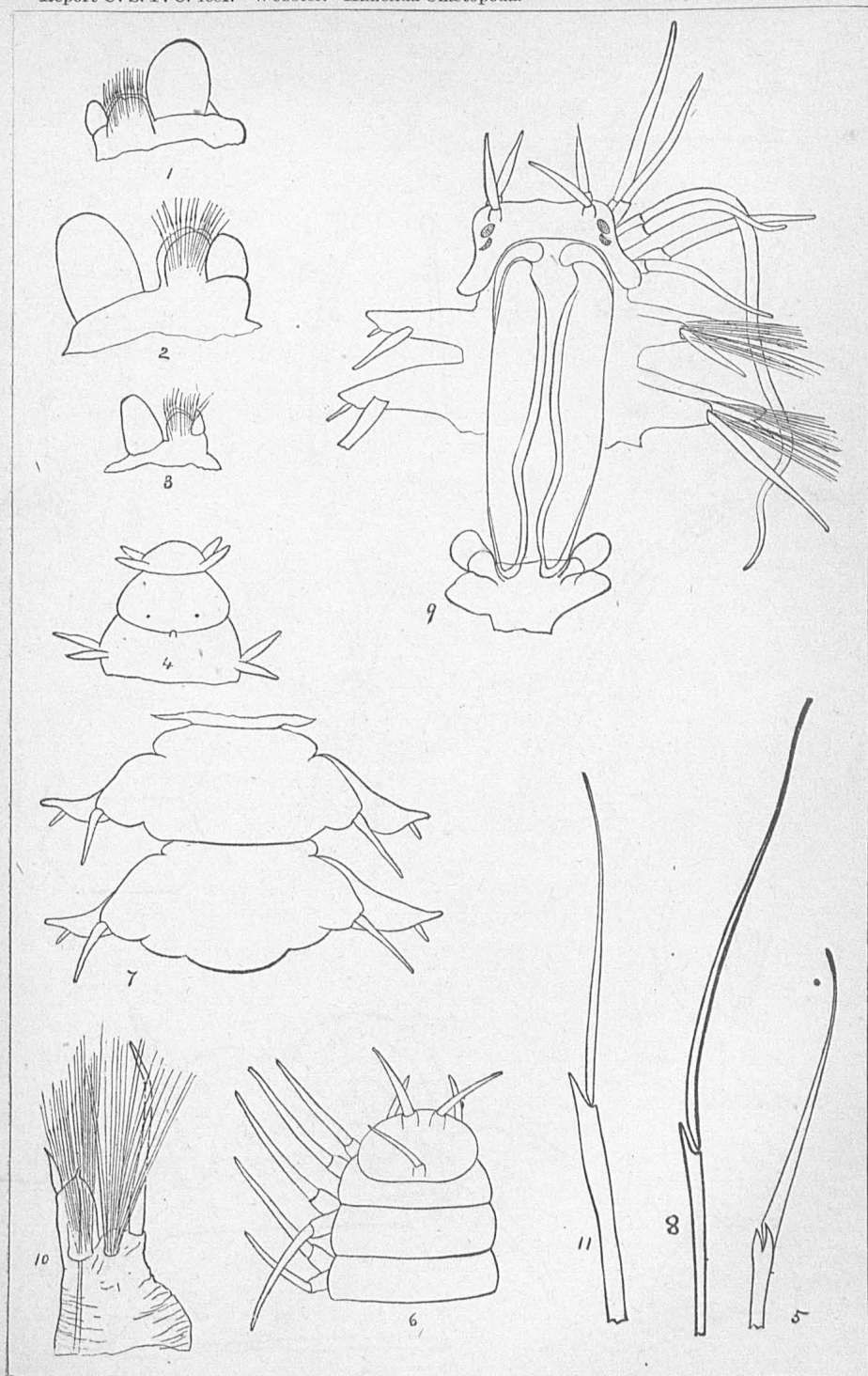
PLATE VIII.

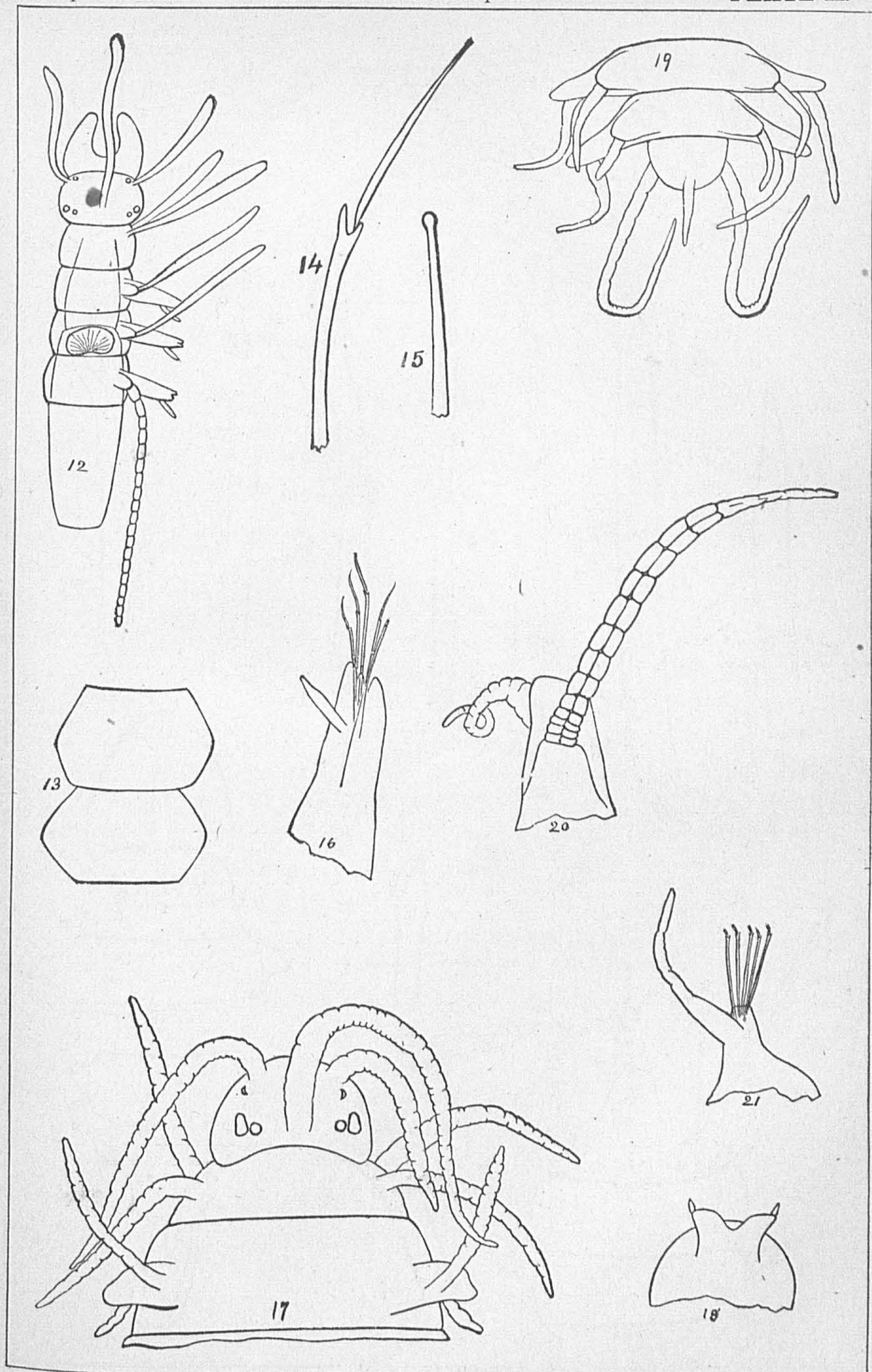
SPHEROSYLLIS LONGICIRRATA *n. sp.*

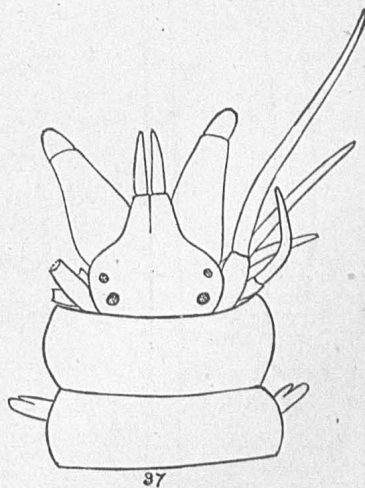
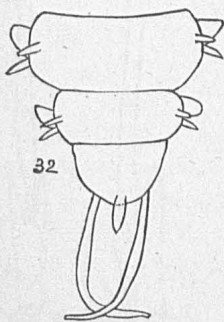
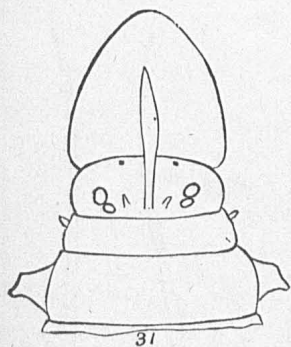
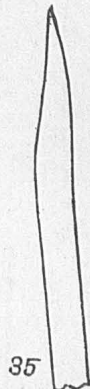
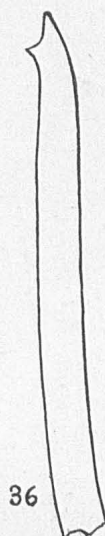
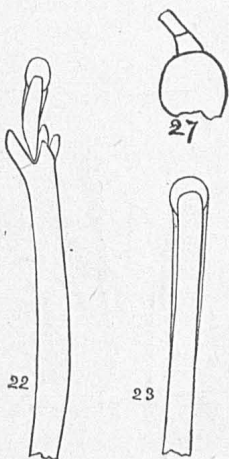
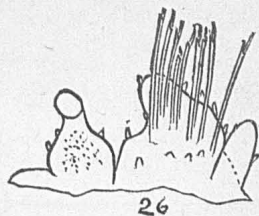
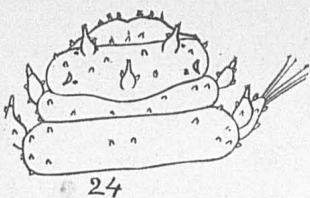
- FIG. 95.—Anterior part of body, $\times 85$.
96.—Posterior segments, $\times 130$.
97.—Foot with cirri, $\times 215$.
98.—Long compound seta, terminal part, $\times 750$.
99.—Short compound seta, $\times 750$.
100.—Simple seta, $\times 750$.

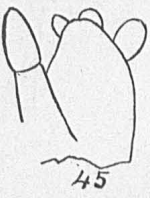
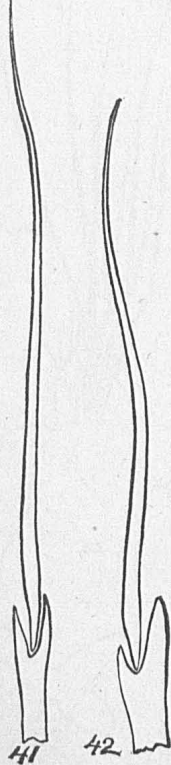
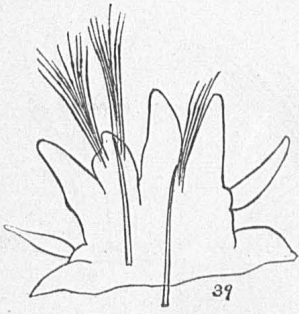
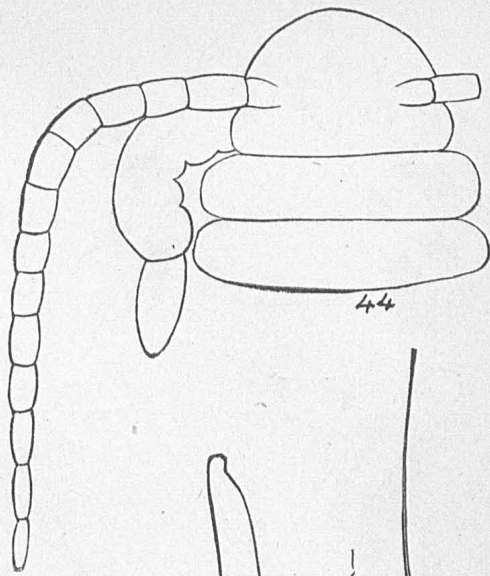
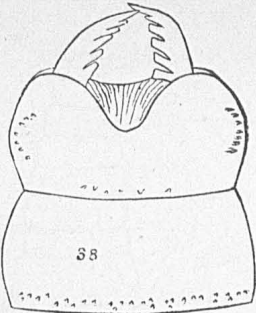
EULALIA DUBIA *n. sp.*

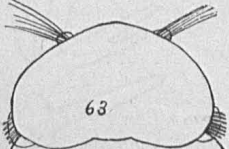
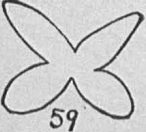
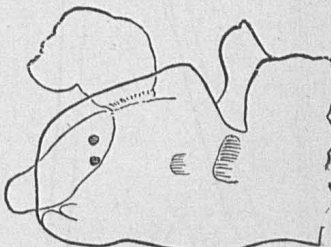
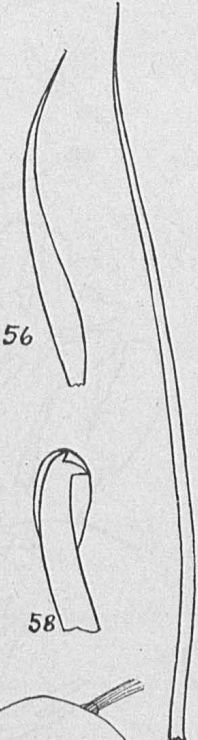
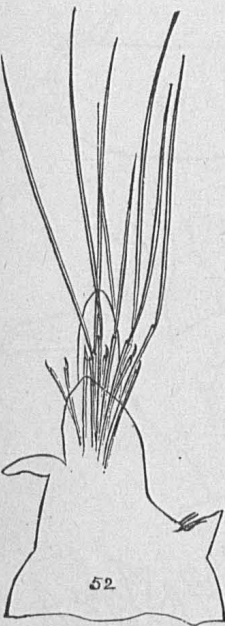
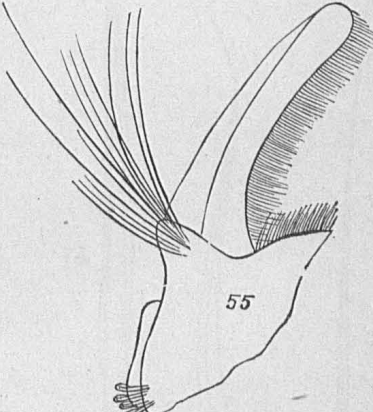
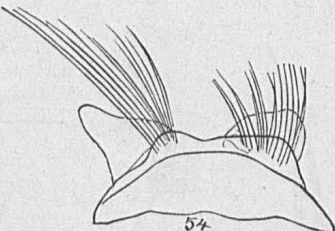
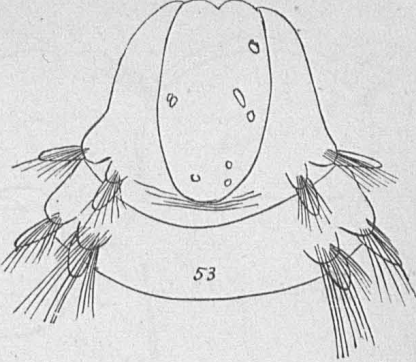
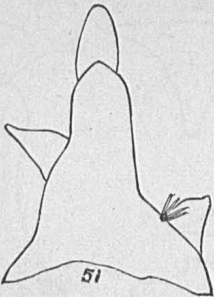
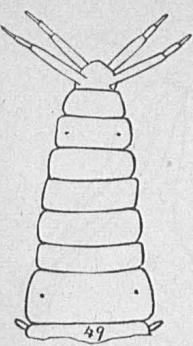
- FIG. 101.—Head and first two segments, $\times 18$.
102.—Anterior foot, $\times 50$.
103.—Middle foot, $\times 50$.
104.—Posterior foot, $\times 50$.
105.—Seta, $\times 500$.











57

