

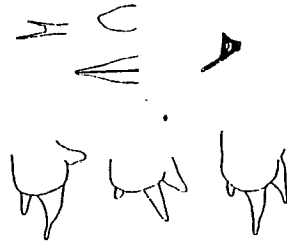
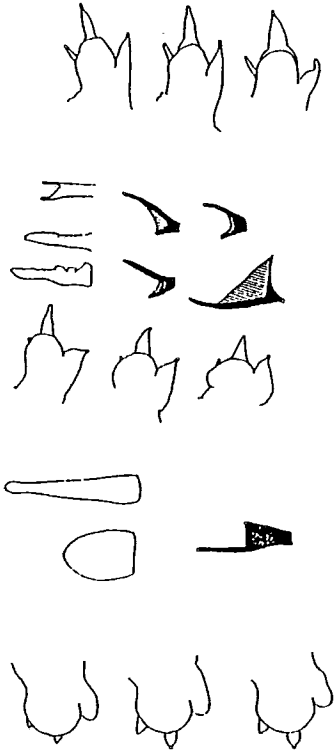
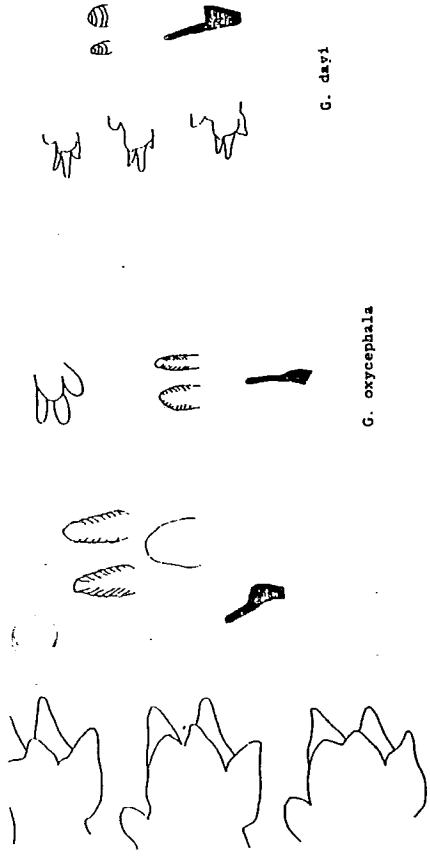
## GLYCERA SPECIES LIKELY TO BE FOUND IN BRITISH WATERS

- 1 Proboscoidal papillae without terminal fingernail structure ..... 2  
 -----Proboscoidal papillae with terminal fingernail structure; two postchaetal lobes..... 8
- 2 One postchaetal lobe in all parapodia ..... 3  
 -----Two postchaetal lobes at least on parapodia of mid body ..... 5
- 3 In mid body, notopodial prechaetal lobes shorter than neuropodial lobes; branchiae absent  
 ..... 4  
 .....In mid body, prechaetal lobes of about same length; branchiae absent; conical proboscoidal papillae  
 with about 5–20 transverse ridges; ailerons with slightly arched bases ... ***Glycera oxycephala*** p94
- 4 Digitiform proboscoidal papillae with straight, median, longitudinal ridge; ailerons with pointed  
 triangular bases; notopodial prechaetal lobes slightly shorter than neuropodial lobes  
 ..... ***Glycera capitata*** p90  
 .....Digitiform proboscoidal papillae with undulating ridge; ailerons with slight dent in pointed triangular  
 bases; notopodial prechaetal lobes distinctly shorter than neuropodial lobes  
 ..... ***Glycera lapidum*** p92
- 5 Ailerons with deeply incised bases; postchaetal lobes short and rounded; branchiae absent;  
 digitiform proboscoidal papillae with longitudinal ridge only ..... ***Glycera tessellata*** p104  
 .....Ailerons with interrhamal plate; postchaetal lobes variable; branchiae present or absent .....6
- 6 No branchiae; ailerons with rounded triangular bases; conical proboscoidal papillae with 6 - 16  
 ridges; both postchaetal lobes more or less blunt triangular ..... ***Glycera celtica*** p112  
 .....Proboscoidal papillae with up to 3 ridges; retractile branchiae; prechaetal lobes of about same  
 length .....7
- 7 Both postchaetal lobes short and rounded - notopodial postchaetal lobe slightly blunt and triangular,  
 neuropodial post chaetal lobe slightly shorter and rounded; simple blister-like retractile branchiae  
 situated medially on ant side of parapodia; conical proboscoidal papillae with 3 ridges; aileron with  
 triangular base..... ***Glycera fallax*** p128  
 Both post chaetal lobes slender triangular, about same length; pre chaetal lobes about same  
 length; 1 – 2 retractile digitiform branchial rami, situated medially on ant side of parapodium; conical  
 proboscoidal papillae with 3 ridges ..... ***Glycera unicornis*** p132
- 8 Proboscoidal papillae with long stalk without ridges; ailerons with pointed triangular bases  
 ..... ***Glycera alba*** p152  
 Proboscoidal papillae with short stalk; prostomium consisting of about 11-15 rings; ailerons with  
 triangular bases; branchiae from ant. to near post. end ..... ***Glycera tridactyla*** p158

GLYCERIDAE  
AND  
GONIADIDAE

E.B. W.S.A. ERRANT POLYCHAETAE WORKSHOP

EDINBURGH 1985



*G. mimica*

KEY TO THE GLYCERIDAE AND GONIADIDAE

Eversible pharynx with 4 jaws..... Glyceridae  
Eversible pharynx with more than 4 jaws..... Goniadidae

A KEY TO THE GENUS GLYCERA OF THE NORTH EAST ATLANTIC

- 1. 2 postchaetal lamellae ..... 2
- 1 postchaetal lamella ..... 8
- 2. Finger-like gills present on the dorsal surface of the parapodium from  
    ca. the 25th chaetiger ..... 3

Gills absent or if present on the anterior face of the parapodium  
..... 4

3. Notopodial postchaetal lamellae finger-shaped; neuropodial postchaetal  
lamella short, rounded; postchaetal lamellae not widely separate;  
proboscisid organs short ..... G. tridactyla - absent for  
    *temporal* *branch*

Notopodial postchaetal lamellae pointed; neuropodial postchaetal  
lamella long, rounded; postchaetal lamellae well separated; proboscisid  
organs long ..... G. alba

4. Neither postchaetal lamellae with a pointed tip ..... 5

At least one postchaetal lamella with a pointed tip in mid-body  
..... 6

5. Aileron with secondary tooth clearly separate from the main tooth  
..... G. tessellata

Aileron as one piece, without secondary tooth  
..... 7

6. Both postchaetal lamellae chordate in shape; 2 retractile gills, from  
ca. 30th foot; when extended are on the anterior face of the parapodium  
..... G. unicornis

Only the notopodial lamellae chordate in shape; one retractile gill; when  
extended is on the anterior face of the parapodium from ca.  
30th foot ..... G. rouxi

7. Postchaetal lamella separated by shallow, v-shaped notch; prechaetal  
lamellae pointed; proboscisid organs ringed; gills absent  
..... G. cellica

Postchaetal lamellae rounded, confluent; prechaetal lamellae rounded;  
proboscisid organs smooth; gills retractile; when extended as swellings

on anterior face of parapodium ..... G. gigantea  
8. Mid-body segments biannulate ..... G. capitata  
Mid-body segments triannulate ..... 9

9. Notopodial and neuropodial prechaetal lamellae of almost the same  
length ..... 10.

Notopodial prechaetal lamellae clearly shorter than the neuropodial  
lamellae ..... II

10. Aileron as one piece without lateral tooth; prostomium long ca. 20 rings;  
proboscisid papillae with clear rings (ca. 8) ..... G. oxycephala

Aileron with main tooth united to main tooth by membrane;  
prostomium of ca. 8 rings; proboscisid organs with faint rings (ca. 4);  
postchaetal lamellae with small "lobelet" dorsally ..... G. dayi

II. Proboscisid papillae with crenate edge; socket for articulation with  
terminal section of composite chaetae deeply cleft ..... G. lapidum

Proboscisid papillae with straight edge; socket for articulation with  
terminal section of composite chaetae not cleft ..... G. mimica

Key to the Goniadidae

1. Eversible pharynx without chevrons..... Glycinde nordmanni  
Eversible pharynx with chevrons..... 2

2. Notopodium with spinigers only..... Goniada  
Notopodium with spinigers and falcigers..... Goniadella

Key to Goniada

Up to 50 paragnaths in the shape of "Y's" ..... G. norvegica  
3 "X" shaped and 4 "Y" shaped paragnaths..... G. maculata

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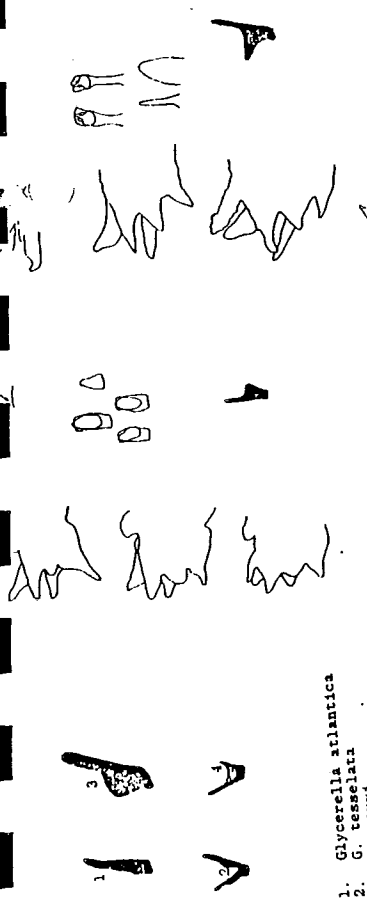
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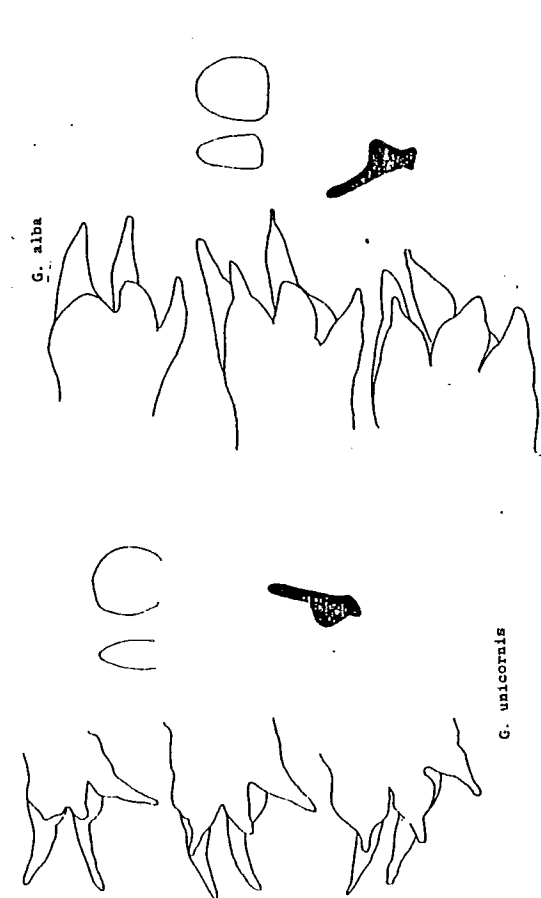
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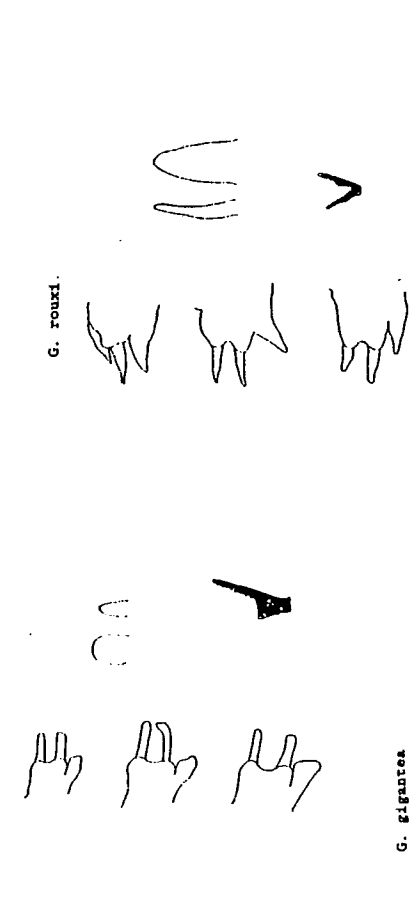


1. Glycerella atlantica  
2. G. tessellata  
3. G. rouxi  
4. G. latidum



G. tridaetyla

G. alba



G. unicoloris

G. rouxi

G. gigantea

G. tessellata