

**Key to Nephtyidae**  
 Unicmarine, 2000  
 Adapted from ECSA workshop key

See also *N. pulchra* Rainer, 1991 and new sp. (Mackie & Garwood, 1995)

- 1. Gills curved inwards..... 2
- Gills curved outwards..... 3
  
- 2. Gills from chaetiger 2..... *Aglaophamus rubella*
- Gills from chaetiger 7-10..... *Aglaophamus malmgreni*

A. rubella



A. malmgreni



- 3. Gills expanded, foliose..... *Nephtys paradoxa*
- Gills cirrate..... 4

N. paradoxa



- 4. Gills from chaetiger 3: ventral post-chaetal lamella s-shaped along lower edge.  
 Dorsal cirri of chaetiger 1 as long as ventral cirri and antennae..... *Nephtys longosetosa*
- Gills from chaetiger 4 or later; lower edge of ventral post-chaetal lamella  
 smoothly curved or straight..... 5

N. longosetosa



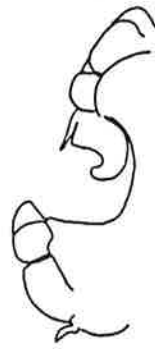
- 5. Acicular lobe distinctly bilobed with aciculum between 2 lobes of similar size  
 and shape..... 6
- Acicular lobe pointed, asymmetrically lobed or evenly rounded..... 7

6. Gills from chaetiger 5 .....*Nephtys pente*  
 Gills not before chaetiger 7, 8 or 9 .....*Nephtys ciliata*

N. pente



N. ciliata



7. Gills from chaetiger 6 or later (acicular lobe pointed)..... 8  
 Gills from chaetiger 4 or 5 (acicular lobe pointed, asymmetrically lobed or  
 evenly rounded) ..... 9

8. Gills from chaetiger 9 (less often 8 or 10) .....*Nephtys incisa*  
 Gills from chaetiger 7 (less often 6) .....*Nephtys hystricis*

N. incisa



N. hystricis



9. By chaetiger 10, notopodial pre-chaetal lamella well developed and distinctly  
 bilobed. (Gills from 4 or 5)..... 10  
 Notopodial pre-chaetal lamella never well developed – just a simple ridge. (Gills  
 from 4)..... 12

10. Neuropodial post-chaetal lamella with prominent veining in mid-body segments  
 (look around chaetiger 20). Inter-ramal area usually papillated. (Gills from 4). *Nephtys assimilis*  
 No veining on lamellae. No inter-ramal papillae. (Gills from 4 or 5)..... 11

N. assimilis



11. Acicular lobe with a papilla, appearing bilobed. (Gills from 4 or 5)..... *Nephtys hombergii*

N. hombergii



N. kersivalensis



- Acicular lobe almost conical. (Gills from 4)..... *Nephtys kersivalensis*

12. Dorsal cirri on chaetiger 1 of equal length to ventral cirri and antennae. Gills  
 always longer than inter-ramal cirri. No geniculate chaetae..... *Nephtys caeca*  
 Reduced dorsal cirri on chaetiger 1. Inter-ramal cirri as long as gills in posterior  
 segments. Geniculate chaetae present..... *Nephtys cirrosa*

N. caeca



N. cirrosa

