



The National Marine Biological
Analytical Quality Control Scheme
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Fish Reverse Ring Test - F_RRT03

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Table 1. Summary of data and specimens received from participating laboratories for the third fish reverse ring test - RRT03.

Exercise return deadline: 02/12/2011

LabCode	Data Received	Specimens Received	No. Specimen Bags Submitted (max. 15)
LB1802	06/12/2011	07/12/2011	15
LB1804	29/11/2011	30/11/2011	15
LB1805	29/11/2011	29/11/2011	15
LB1808	01/12/2011	01/12/2011	15
LB1809	19/12/2011	19/12/2011	15
LB1843	02/12/2011	02/12/2011	12
LB1844	22/11/2011	23/11/2011	14
LB1845	14/11/2011	18/11/2011	15
LB1846	28/11/2011	30/11/2011	09
LB1847	28/09/2011	29/09/2011	06
LB1848	01/12/2011	02/12/2011	14
LB1849	22/11/2011	30/11/2011	15
LB1850	29/11/2011	29/11/2011	15
LB1851	24/11/2011	24/11/2011	15
LB1852	01/12/2011	02/12/2011	15
LB1853	05/12/2011	06/12/2011	15
LB1854	05/12/2011	06/12/2011	15
LB1855	25/11/2011	25/11/2011	15
LB1856	25/11/2011	25/11/2011	15
LB1857	22/11/2011	24/11/2011	15
LB1858	09/11/2011	09/11/2011	15
LB1859	22/11/2011	22/11/2011	15
LB1860	09/11/2011	09/11/2011	15
LB1861	18/11/2011	18/11/2011	15
LB1862	24/11/2011	24/11/2011	09

Table 2. Summary of taxonomic errors by participating laboratories for the third fish reverse ring test - F_RRT03, sorted by taxonomic group.

Total Number of Entries - 349

Total Number of Taxonomic Errors - 29

LabCode	Laboratory identification	Thomson Unicmarine identification	Reason for Taxonomic Error
1848	<i>Sprattus sprattus</i> ; Sprat	<i>Sprattus sprattus</i> ; Sprat, <i>Clupea harengus</i> ; Herring	TE; mx - pelvic fin behind dorsal fin, poor condition
1854	<i>Enchelyopus cimbrius</i> ; Four-bearded Rockling	<i>Ciliata mustela</i> ; Five-bearded Rockling	TE - 5 well developed barbels
1857	<i>Gaidropsarus macrophthalmus</i> ; 5 Bearded Rockling	<i>Ciliata mustela</i> ; Five-bearded Rockling	TE - common name correct
1848	<i>Merlangius merlangus</i> ; Whiting	<i>Pollachius pollachius</i> ; Pollack	TE - lower jaw prominent
1854	<i>Merlangus merlangus</i> ; Whiting	<i>Pollachius pollachius</i> ; Pollack	TE - lower jaw prominent
1804	<i>Trisopterus minutus</i>	<i>Trisopterus luscus</i> ; Bib	TE - anal fin origin near middle of first dorsal fin base
1857	<i>Trisopterus minutus</i> ; Poor Cod	<i>Gadus morhua</i> ; Cod	TE - anal fin short, origin behind first dorsal fin base
1849	<i>Syngnathus acus</i> ; Greater Pipe Fish	<i>Syngnathus rostellatus</i> ; Lesser Pipefish	TE - 15 pre-anal body rings
1857	<i>Syngnathus acus</i> ; Greater Pipefish	<i>Syngnathus rostellatus</i> ; Lesser Pipefish	TE - 14 pre-anal body rings
1857	<i>Agonus cataphractus</i> ; Pogge	<i>Trigla lucerna</i> ; Tub Gurnard	TE - no barbels on underside of the head, long dorsal and anal fins
1804	<i>Chelon labrosus</i>	<i>Liza ramada</i> ; Thin-lipped Grey Mullet	TE - upper lip thin, without papillations
1846	<i>Chelon labrosus</i> ; Thick lipped grey mullet	<i>Liza ramada</i> ; Thin-lipped Grey Mullet	TE - ventral head pigmentation
1848	<i>Chelon labrosus</i> ; Thick lipped grey mullet	<i>Liza aurata</i> ; Golden Grey Mullet	TE - upper lip thin, without papillations, golden spot on gill cover
1861	<i>Chelon labrosus</i> ; Thick-lipped Grey Mullet	<i>Liza ramada</i> ; Thin-lipped Grey Mullet	TE - ventral head pigmentation
1861	<i>Liza aurata</i> ; Golden Grey Mullet	<i>Liza ramada</i> ; Thin-lipped Grey Mullet	TE - ventral head pigmentation
1861	<i>Liza aurata</i> ; Golden Grey Mullet	<i>Chelon labrosus</i> ; Thick-lipped Grey Mullet	TE - ventral head pigmentation
1859	<i>Liza ramada</i> ; Thin-lipped Grey Mullet	<i>Chelon labrosus</i> ; Thick-lipped Grey Mullet	TE - ventral head pigmentation
1853	<i>Ammodytes marinus</i> ; Lesser Sandeel	<i>Ammodytes tobianus</i> ; Lesser Sandeel	TE - belly scales in chevrons, scales present at the base of each caudal lobe
1844	<i>Hyperoplus lanceolatus</i> ; Greater sandeel	<i>Ammodytes tobianus</i> ; Lesser Sandeel	TE - upper jaw freely moves, front part protrudes
1854	<i>Callionymus reticulatus</i> ; Reticulated Dragonet	<i>Callionymus lyra</i> ; Common Dragonet	TE - 4 spines on preoperculum
1853	<i>Aphia minuta</i> ; Transparent Goby	1 x <i>Aphia minuta</i> ; Transparent Goby, 1 x <i>Crystallogobius linearis</i> ; Crystal Goby	TE; mx - first dorsal fin rudimentary
1843	<i>Pomatoschistus microps</i> ; Common goby	<i>Pomatoschistus pictus</i> ; Painted Goby	TE - banded 2nd dorsal fin, ventral head pigmentation; poor condition
1844	<i>Pomatoschistus microps</i> ; Common goby	<i>Pomatoschistus pictus</i> ; Painted Goby	TE - banded 2nd dorsal fin, ventral head pigmentation
1858	<i>Pomatoschistus microps</i> ; Common Goby	<i>Pomatoschistus pictus</i> ; Painted Goby	TE - banded 2nd dorsal fin, ventral head pigmentation
1859	<i>Pomatoschistus microps</i> ; Common Goby	<i>Pomatoschistus minutus</i> ; Sand Goby	TE - villi present on pelvic fin, ventral head pigmentation
1862	<i>Pomatoschistus minutus</i> ; Sand Goby	<i>Pomatoschistus minutus</i> ; Sand Goby, <i>Pomatoschistus microps</i> ; Common Goby	TE; mx - 10 anal fin rays, inverted 'v' pigment on pectoral fins
1855	<i>Scophthalmus rhombus</i> ; Brill	<i>Psetta maxima</i> ; Turbot	TE - scales absent, bony tubercles present
1859	<i>Platichthys flesus</i> ; Flounder	<i>Pleuronectes platessa</i> ; Plaice	TE - no spines along dorsal and anal fin base
1853	<i>Buglossidium luteum</i> ; Solenette	<i>Solea solea</i> ; Common Sole	TE - pectoral fin moderately large

EXERCISE DETAILS

Fish Reverse Ring Test - F_RRT03
 Return Deadline - 02/12/2011
 Data Received - 06/12/2011
 Specimens Received - 07/12/2011
 Number of Subscribing Laboratories - 25
 Laboratory Code - 1802

Key to codes:

TE - Taxonomic error
 sp - Spelling error
 nc - Name change
 mx - Mixture of species
 * - Problem taxa indicated
 TUM - Thomson Unicomarine

Specimen No.	Laboratory id. (Genus species; common name; length in mm)	Thomson Unicomarine identification	Code / Comments
1	<i>Solea Solea</i> ; Common sole; -	<i>Solea Solea</i> ?; Common sole ?	Poor condition, possibly <i>Buglossidium luteum</i>
2	<i>Sprattus sprattus</i> ; Sprat; -	<i>Sprattus sprattus</i> ; Sprat	-
3	<i>Myxine glutinosa</i> ; Hagfish; -	<i>Myxine glutinosa</i> ; Hagfish	-
4	<i>Pholis gunnellus</i> ; Butterfish juv?; -	<i>Pholis gunnellus</i> ; Butterfish	-
5	<i>Gadus morhua</i> ; Cod; -	<i>Gadus morhua</i> ; Cod	-
6	<i>Osmerus eperlanus</i> ; Smelt; -	<i>Osmerus eperlanus</i> ; Smelt	-
7	<i>Pomatoschistus microps</i> ; Common Goby; -	<i>Pomatoschistus microps</i> ; Common Goby	-
8	<i>Liparis liparis</i> ; Sea snail; -	<i>Liparis liparis</i> ; Common Seasnail	-
9	<i>Hippoglossoides platessoides</i> ; Long rough dab; -	<i>Hippoglossoides platessoides</i> ; Long Rough Dab	-
10	<i>Pleuronectes platessa</i> ; Plaice juv; -	<i>Pleuronectes platessa</i> ; Plaice	-
11	<i>Gadus morhua</i> ; Cod; -	<i>Gadus morhua</i> ; Cod	-
12	<i>Merlangius merlangus</i> ; Whiting; -	<i>Merlangius merlangus</i> ; Whiting	-
13	<i>Salmo salar</i> ; Salmon; -	<i>Salmo salar</i> ; Atlantic Salmon	-
14	<i>Ammodytes marinus</i> ; Sand eel; -	<i>Ammodytes marinus</i> ; Raitt's Sandeel	-
15	<i>Merluccius merluccius</i> ; Hake; -	<i>Merluccius merluccius</i> ; Hake	-

NMBAQC Scheme Interim Results

EXERCISE DETAILS

Fish Reverse Ring Test - F_RRT03
 Return Deadline - 02/12/2011
 Data Received - 29/11/2011
 Specimens Received - 30/11/2011
 Number of Subscribing Laboratories - 25
 Laboratory Code - 1804

Key to codes:

TE - Taxonomic error
 sp - Spelling error
 nc - Name change
 mx - Mixture of species
 * - Problem taxa indicated
 TUM - Thomson Unicmarine

Specimen No.	Laboratory id. (Genus species; common name; length in mm)	Thomson Unicmarine identification	Code / Comments
1	<i>Lampetra fluviatilis</i> ; -; -	<i>Lampetra fluviatilis</i> ; River Lamprey	-
2	<i>Salmo salar</i> ; -; -	<i>Salmo salar</i> ; Atlantic Salmon	-
3	<i>Salmo trutta</i> ; -; -	<i>Salmo trutta</i> ; Brown Trout	-
4	<i>Chelon labrosus</i> ; -; -	<i>Liza ramada</i> ; Thin-lipped Grey Mullet	TE - upper lip thin, without papillations
5	<i>Callionymus lyra</i> ; -; -	<i>Callionymus lyra</i> ; Common Dragonet	-
6	<i>Atherina presbyter</i> ; -; -	<i>Atherina presbyter</i> ; Sand Smelt	-
7	<i>Osmerus eperlanus</i> ; -; -	<i>Osmerus eperlanus</i> ; Smelt	-
8	<i>Pollachius pollachius</i> ; -; -	<i>Pollachius pollachius</i> ; Pollack	-
9	<i>Trisopterus minutus</i> ; -; -	<i>Trisopterus luscus</i> ; Bib	TE - anal fin origin near middle of first dorsal fin base
10	<i>Trigla lucerna</i> ; -; -	<i>Chelidonichthys lucernus</i> ; Tub Gurnard	nc
11	<i>Phoxinus phoxinus</i> ; -; -	<i>Phoxinus phoxinus</i> ; Minnow	-
12	<i>Sprattus sprattus</i> ; -; -	<i>Sprattus sprattus</i> ; Sprat	-
13	<i>Liparis liparis</i> ; -; -	<i>Liparis liparis</i> ; Common Seasnail	-
14	<i>Pomatoschistus microps</i> ; -; -	<i>Pomatoschistus microps</i> ; Common Goby	-
15	<i>Syngnathus rostellatus</i> ; -; -	<i>Syngnathus rostellatus</i> ; Lesser Pipefish	-

EXERCISE DETAILS

Fish Reverse Ring Test - F_RRT03
 Return Deadline - 02/12/2011
 Data Received - 29/11/2011
 Specimens Received - 29/11/2011
 Number of Subscribing Laboratories - 25
 Laboratory Code - 1805

Key to codes:

TE - Taxonomic error
 sp - Spelling error
 nc - Name change
 mx - Mixture of species
 * - Problem taxa indicated
 TUM - Thomson Unicomarine

Specimen No.	Laboratory id. (Genus species; common name; length in mm)	Thomson Unicomarine identification	Code / Comments
1	<i>Trachinus draco</i> ; Greater Weever; -	<i>Trachinus draco</i> ; Greater Weever	-
2	<i>Trachurus trachurus</i> ; Horse Mackerel (Scad); -	<i>Trachurus trachurus</i> ; Scad	-
3	<i>Echiichthys vipera</i> ; Lesser Weever; -	<i>Echiichthys vipera</i> ; Lesser Weever	-
4	<i>Enchelyopus cimbrius</i> ; Four-Bearded Rockling; -	<i>Enchelyopus cimbrius</i> ; Four-bearded Rockling	-
5	<i>Raja montagui</i> ; Spotted ray; -	<i>Raja montagui</i> ; Spotted ray	-
6	<i>Hyperoplus lanceolatus</i> ; Great Sandeel; -	<i>Hyperoplus lanceolatus</i> ; Greater Sandeel	-
7	<i>Engraulis encrasicolus</i> ; Anchovy; -	<i>Engraulis encrasicolus</i> ; Anchovy	-
8	<i>Blennius ocellaris</i> ; Butterfly Blenny; -	<i>Blennius ocellaris</i> ; Butterfly Blenny	-
9	<i>Platichthys flesus</i> ; Flounder; -	<i>Platichthys flesus</i> ; Flounder	-
10	<i>Lampetra fluviatilis</i> ; River Lamprey; -	<i>Lampetra fluviatilis</i> ; River Lamprey	-
11	<i>Chelidonichthys lucerna</i> ; Tub Gurnard; -	<i>Chelidonichthys lucernus</i> ; Tub Gurnard	nc
12	<i>Trisopterus luscus</i> ; Bib; -	<i>Trisopterus luscus</i> ; Bib	-
13	<i>Microchirus variegatus</i> ; Thick Back Sole; -	<i>Microchirus variegatus</i> ; Thickback Sole	-
14	<i>Buglossidium luteum</i> ; Solenette; -	<i>Buglossidium luteum</i> ; Solenette	-
15	<i>Cyclopterus lumpus</i> ; Lump sucker; -	<i>Cyclopterus lumpus</i> ; Lump sucker	-

NMBAQC Scheme Interim Results

EXERCISE DETAILS

Fish Reverse Ring Test - F_RRT03
 Return Deadline - 02/12/2011
 Data Received - 01/12/2011
 Specimens Received - 01/12/2011
 Number of Subscribing Laboratories - 25
 Laboratory Code - 1808

Key to codes:

TE - Taxonomic error
 sp - Spelling error
 nc - Name change
 mx - Mixture of species
 * - Problem taxa indicated
 TUM - Thomson Unicomarine

Specimen No.	Laboratory id. (Genus species; common name; length in mm)	Thomson Unicomarine identification	Code / Comments
1	<i>Dicentrarchus labrax</i> ; -; -	<i>Dicentrarchus labrax</i> ; Sea Bass	-
2	<i>Merlangius merlangus</i> ; -; -	<i>Merlangius merlangus</i> ; Whiting	-
3	<i>Syngnathus rostellatus</i> ; -; -	<i>Syngnathus rostellatus</i> ; Lesser Pipefish	-
4	<i>Pomatoschistus microps</i> ; -; -	<i>Pomatoschistus microps</i> ; Common Goby	-
5	<i>Pomatoschistus minutus</i> ; -; -	<i>Pomatoschistus minutus</i> ; Sand Goby	-
6	<i>Platichthys flesus</i> ; -; -	<i>Platichthys flesus</i> ; Flounder	-
7	<i>Pomatoschistus minutus</i> ; -; -	<i>Pomatoschistus minutus</i> ; Sand Goby	-
8	<i>Liza ramada</i> ; -; -	Mugulidae juv.	TUM Policy - < 2 cm
9	<i>Chelon labrosus</i> ; -; -	<i>Chelon labrosus</i> ; Thick-lipped Grey Mullet	-
10	<i>Liza ramada</i> ; -; -	Mugulidae juv.	TUM Policy - < 2 cm
11	<i>Sardina pilchardus</i> ; -; -	<i>Sardina pilchardus</i> ; Pilchard	-
12	<i>Clupea harengus</i> ; -; -	<i>Clupea harengus</i> ; Herring	-
13	<i>Myoxocephalus scorpius</i> ; -; -	<i>Myoxocephalus scorpius</i> ; Bull Rout	-
14	<i>Pomatoschistus microps</i> ; -; -	<i>Pomatoschistus microps</i> ; Common Goby	-
15	<i>Pleuronectes platessa</i> ; -; -	<i>Pleuronectes platessa</i> ; Plaice	-

NMBAQC Scheme Interim Results

EXERCISE DETAILS

Fish Reverse Ring Test - F_RRT03

Return Deadline - 02/12/2011

Data Received - 19/12/2011

Specimens Received - 20/12/2011

Number of Subscribing Laboratories - 25

Laboratory Code - 1809

Key to codes:

TE - Taxonomic error

sp - Spelling error

nc - Name change

mx - Mixture of species

* - Problem taxa indicated

TUM - Thomson Unicomarine

Specimen No.	Laboratory id. (Genus species; common name; length in mm)	Thomson Unicomarine identification	Code / Comments
1	<i>Sprattus sprattus</i> ; -; -	<i>Sprattus sprattus</i> ; Sprat	-
2	<i>Clupea harengus</i> ; -; -	<i>Clupea harengus</i> ; Herring	-
3	<i>Lebetus scorpioides</i> ; -; -	<i>Lebetus scorpioides</i> ; Diminutive Goby	-
4	<i>Buenia jeffreysii</i> ; -; -	<i>Buenia jeffreysii</i> ; Jeffreys's Goby	-
5	<i>Eutrigla gurnardus</i> ; -; -	<i>Eutrigla gurnardus</i> ; Grey Gurnard	-
6	<i>Aspitrigla cuculus</i> ; -; -	<i>Aspitrigla cuculus</i> ; Red Gurnard	-
7	<i>Gymnamodytes semisquamatus</i> ; -; -	<i>Gymnamodytes semisquamatus</i> ; Smooth Sandeel	-
8	<i>Phynorhombus norvegicus</i> ; -; -	<i>Phynorhombus norvegicus</i> ; Norwegian Topknot	sp
9	<i>Triglops murrayi</i> ; -; -	<i>Triglops murrayi</i> ; Moustache Sculpin	-
10	<i>Callionymus reticulatus</i> ; -; -	<i>Callionymus reticulatus</i> ; Reticulated Dragonet	-
11	<i>Hippoglossoides platessoides</i> ; -; -	<i>Hippoglossoides platessoides</i> ; Long Rough Dab	-
12	<i>Ammodytes tobianus</i> ; -; -	<i>Ammodytes tobianus</i> ; Lesser Sandeel	-
13	<i>Callionymus maculatus</i> ; -; -	<i>Callionymus maculatus</i> ; Spotted Dragonet	-
14	<i>Pomatoschistus norvegicus</i> ; -; -	<i>Pomatoschistus norvegicus</i> ; Norway Goby	-
15	<i>Ciliata septentrionalis</i> ; -; -	<i>Ciliata septentrionalis</i> ; Northern Rockling	-

EXERCISE DETAILS

Fish Reverse Ring Test - F_RRT03
 Return Deadline - 02/12/2011
 Data Received - 02/12/2011
 Specimens Received - 02/12/2011
 Number of Subscribing Laboratories - 25
 Laboratory Code - 1843

*No electronic data supplied

Key to codes:

TE - Taxonomic error
 sp - Spelling error
 nc - Name change
 mx - Mixture of species
 * - Problem taxa indicated
 TUM - Thomson Unicomarine

Specimen No.	Laboratory id. (Genus species; common name; length in mm)	Thomson Unicomarine identification	Code / Comments
1	<i>Dicentrarchus labrax</i> ; Sea bass; 54	<i>Dicentrarchus labrax</i> ; Sea Bass	-
2	<i>Atherina presbyter</i> ; Sand smelt; 49	<i>Atherina presbyter</i> ; Sand Smelt	-
3	<i>Pomatoschistus minutus</i> ; Sand goby; 38, 55	<i>Pomatoschistus minutus</i> ; Sand Goby	-
4	<i>Pomatoschistus microps</i> ; Common goby; 39	<i>Pomatoschistus pictus</i> ; Painted Goby	TE - banded 2nd dorsal fin, ventral head pigmentation; poor condition
5	<i>Platichthys flesus</i> ; Flounder; 84	<i>Platichthys flesus</i> ; Flounder	-
6	<i>Sprattus sprattus</i> ; Spratt; 50, 48, 50	<i>Sprattus sprattus</i> ; Sprat	sp
7	<i>Liza ramada</i> ; Thin-lipped grey mullet; 21, 22	Mugulidae juv.	TUM Policy - < 2 cm
8	<i>Pomatoschistus minutus</i> ; Sand goby; 57, 55	<i>Pomatoschistus minutus</i> ; Sand Goby	-
9	<i>Aphia minuta</i> ; Transparent goby; 34	<i>Aphia minuta</i> ; Transparent Goby	-
10	<i>Clupea harengus</i> ; Herring; 76, 84	<i>Clupea harengus</i> ; Herring	-
11	<i>Solea solea</i> ; Dover sole; 69	<i>Solea solea</i> ; Common Sole	-
12	<i>Merlangius merlangus</i> ; Whiting; 151	<i>Merlangius merlangus</i> ; Whiting	-
13	-	-	Taxon not supplied
14	-	-	Taxon not supplied
15	-	-	Taxon not supplied

EXERCISE DETAILS

Fish Reverse Ring Test - F_RRT03

Return Deadline - 02/12/2011

Data Received - 22/11/2011

Specimens Received - 23/11/2011

Number of Subscribing Laboratories - 25

Laboratory Code - 1844

Key to codes:

TE - Taxonomic error

sp - Spelling error

nc - Name change

mx - Mixture of species

* - Problem taxa indicated

TUM - Thomson Unicomarine

Specimen No.	Laboratory id. (Genus species; common name; length in mm)	Thomson Unicomarine identification	Code / Comments
1	<i>Dicentrarchus labrax</i> ; Sea bass; 60	<i>Dicentrarchus labrax</i> ; Sea Bass	-
2	<i>Atherina presbyter</i> ; Sand smelt; 67	<i>Atherina presbyter</i> ; Sand Smelt	-
3	<i>Spinachia spinachia</i> ; 15 spined stickleback; 110	<i>Spinachia spinachia</i> ; Fifteen-spined Stickleback	-
4	<i>Platichthys flesus</i> ; Flounder; 130	<i>Platichthys flesus</i> ; Flounder	-
5	<i>Lipophrys pholis</i> ; Shanny; 52	<i>Lipophrys pholis</i> ; Shanny	-
6	<i>Crenilabrus melops</i> ; Corkwing wrasse; 60	<i>Crenilabrus melops</i> ; Corkwing Wrasse	-
7	<i>Hyperoplus lanceolatus</i> ; Greater sandeel; 103	<i>Ammodytes tobianus</i> ; Lesser Sandeel	TE - upper jaw freely moves, front part protrudes
8	<i>Pomatoschistus minutus</i> ; Sand goby; 62	<i>Pomatoschistus minutus</i> ; Sand Goby	-
9	<i>Pomatoschistus microps</i> ; Common goby; 36	<i>Pomatoschistus pictus</i> ; Painted Goby	TE - banded 2nd dorsal fin, ventral head pigmentation
10	<i>Callionymus lyra</i> ; Common dragonet; 105	<i>Callionymus lyra</i> ; Common Dragonet	-
11	<i>Liza aurata</i> ; Golden grey mullet; 156	<i>Liza aurata</i> ; Golden Grey Mullet	-
12	<i>Chelon labrosus</i> ; Thick lipped grey mullet; 149	<i>Chelon labrosus</i> ; Thick-lipped Grey Mullet	-
13	<i>Liza ramada</i> ; Thin lipped grey mullet; 101	<i>Liza ramada</i> ; Thin-lipped Grey Mullet	-
14	N/A N/A; Problem taxon: grey mullet sp.; 38	<i>Liza aurata</i> ; Golden Grey Mullet	*
15	-	-	Taxon not supplied

EXERCISE DETAILS

Fish Reverse Ring Test - F_RRT03
 Return Deadline - 02/12/2011
 Data Received - 14/11/2011
 Specimens Received - 18/11/2011
 Number of Subscribing Laboratories - 25
 Laboratory Code - 1845

Key to codes:

TE - Taxonomic error
 sp - Spelling error
 nc - Name change
 mx - Mixture of species
 * - Problem taxa indicated
 TUM - Thomson Unicumarine

Specimen No.	Laboratory id. (Genus species; common name; length in mm)	Thomson Unicumarine identification	Code / Comments
1	<i>Myoxocephalus scorpius</i> ; Bullrout; -	<i>Myoxocephalus scorpius</i> ; Bull Rout	-
2	<i>Limanda limanda</i> ; Dab; -	<i>Limanda limanda</i> ; Dab	-
3	<i>Cyclopterus lumpus</i> ; Lump sucker; -	<i>Cyclopterus lumpus</i> ; Lump sucker	-
4	<i>Chelidonichthys lucernus</i> ; Tub Gurnard; -	<i>Chelidonichthys lucernus</i> ; Tub Gurnard	-
5	<i>Gadus morhua</i> ; Cod; -	<i>Gadus morhua</i> ; Cod	-
6	<i>Echiichthys vipera</i> ; Lesser Weaver; -	<i>Echiichthys vipera</i> ; Lesser Weever	-
7	<i>Sprattus sprattus</i> ; Sprat; -	<i>Sprattus sprattus</i> ; Sprat	-
8	<i>Platichthys flesus</i> ; Flounder; -	<i>Platichthys flesus</i> ; Flounder	-
9	<i>Anguilla anguilla</i> ; European Eel; -	<i>Anguilla anguilla</i> ; European Eel	-
10	<i>Merlangius merlangus</i> ; Whiting; -	<i>Merlangius merlangus</i> ; Whiting	-
11	<i>Clupea harengus</i> ; Herring; -	<i>Clupea harengus</i> ; Herring	-
12	<i>Agonus cataphractus</i> ; Hooknose; -	<i>Agonus cataphractus</i> ; Hooknose	-
13	<i>Pleuronectes platessa</i> ; Plaice; -	<i>Pleuronectes platessa</i> ; Plaice	-
14	<i>Osmerus eperlanus</i> ; Smelt; -	<i>Osmerus eperlanus</i> ; Smelt	-
15	<i>Ciliata mustela</i> ; 5 bearded rockling; -	<i>Ciliata mustela</i> ; Five-bearded Rockling	-

EXERCISE DETAILS

Fish Reverse Ring Test - F_RRT03
 Return Deadline - 02/12/2011
 Data Received - 28/11/2011
 Specimens Received - 30/11/2011
 Number of Subscribing Laboratories - 25
 Laboratory Code - 1846

Key to codes:

TE - Taxonomic error
 sp - Spelling error
 nc - Name change
 mx - Mixture of species
 * - Problem taxa indicated
 TUM - Thomson Unicomarine

Specimen No.	Laboratory id. (Genus species; common name; length in mm)	Thomson Unicomarine identification	Code / Comments
1	<i>Gasterosteus aculeatus</i> ; 3 Spined Sticklebacl; 44	<i>Gasterosteus aculeatus</i> ; Three-spined Stickleback	-
2	<i>Syngnathus rostellatus</i> ; Nilssons/Lesser pipefish; 126	<i>Syngnathus rostellatus</i> ; Lesser Pipefish	-
3	<i>Salmo trutta</i> ; Brown/Sea trout; 72	<i>Salmo trutta</i> ; Brown Trout	-
4	<i>Pleuronectes platessa</i> ; Plaice; 61	<i>Pleuronectes platessa</i> ; Plaice	-
5	<i>Platichthys flesus</i> ; Flounder; 63	<i>Platichthys flesus</i> ; Flounder	-
6	<i>Merlangius merlangus</i> ; Whiting; 112	<i>Merlangius merlangus</i> ; Whiting	-
7	<i>Chelon labrosus</i> ; Thick lipped grey mullet; 97	<i>Liza ramada</i> ; Thin-lipped Grey Mullet	TE - ventral head pigmentation
8	<i>Clupea harengus</i> ; Herring; 91	<i>Clupea harengus</i> ; Herring	-
9	<i>Pomatoschistus minutus</i> ; Sand goby; 49	<i>Pomatoschistus minutus</i> ; Sand Goby	sp
10	-	-	Taxon not supplied
11	-	-	Taxon not supplied
12	-	-	Taxon not supplied
13	-	-	Taxon not supplied
14	-	-	Taxon not supplied
15	-	-	Taxon not supplied

NMBAQC Scheme Interim Results

EXERCISE DETAILS

Fish Reverse Ring Test - F_RRT03
 Return Deadline - 02/12/2011
 Data Received - 28/09/2011
 Specimens Received - 29/09/2011
 Number of Subscribing Laboratories - 25
 Laboratory Code - 1847

Key to codes:

TE - Taxonomic error
 sp - Spelling error
 nc - Name change
 mx - Mixture of species
 * - Problem taxa indicated
 TUM - Thomson Unicomarine

Specimen No.	Laboratory id. (Genus species; common name; length in mm)	Thomson Unicomarine identification	Code / Comments
1	<i>Liza ramada</i> ; thin-lipped mullet; 89,76 (2 individuals)	<i>Liza ramada</i> ; Thin-lipped Grey Mullet	-
2	<i>Liza aurata</i> ; golden-grey mullet; 99	<i>Liza aurata</i> ; Golden Grey Mullet	-
3	<i>Platichthys flesus</i> ; flounder; 53, 55 (2 individuals)	<i>Platichthys flesus</i> ; Flounder	-
4	<i>Dicentrarchus labrax</i> ; Sea bass; 61, 46 (2 individuals)	<i>Dicentrarchus labrax</i> ; Sea Bass	sp
5	<i>Pomatoschistus minutus</i> ; sand goby; 47, 42 (2 individuals)	<i>Pomatoschistus minutus</i> ; Sand Goby	-
6	<i>Clupea harengus</i> ; herring; 90	<i>Clupea harengus</i> ; Herring	-
7	-	-	Taxon not supplied
8	-	-	Taxon not supplied
9	-	-	Taxon not supplied
10	-	-	Taxon not supplied
11	-	-	Taxon not supplied
12	-	-	Taxon not supplied
13	-	-	Taxon not supplied
14	-	-	Taxon not supplied
15	-	-	Taxon not supplied

NMBAQC Scheme Interim Results

EXERCISE DETAILS

Fish Reverse Ring Test - F_RRT03
 Return Deadline - 02/12/2011
 Data Received - 01/12/2011
 Specimens Received - 02/12/2011
 Number of Subscribing Laboratories - 25
 Laboratory Code - 1848

Key to codes:
 TE - Taxonomic error
 sp - Spelling error
 nc - Name change
 mx - Mixture of species
 * - Problem taxa indicated
 TUM - Thomson Unicomarine

Specimen No.	Laboratory id. (Genus species; common name; length in mm)	Thomson Unicomarine identification	Code / Comments
1	<i>Ammodytes tobianus</i> ; Lesser sandeel; -	<i>Ammodytes tobianus</i> ; Lesser Sandeel	-
2	<i>Pollachius pollachius</i> ; Pollack; -	<i>Pollachius pollachius</i> ; Pollack	-
3	<i>Atherina presbyter</i> ; Sand smelt; -	<i>Atherina presbyter</i> ; Sand Smelt	-
4	<i>Dicentrarchus labrax</i> ; Sea bass; -	<i>Dicentrarchus labrax</i> ; Sea Bass	-
5	<i>Salmo trutta</i> ; Brown trout; -	<i>Salmo trutta</i> ; Brown Trout	-
6	<i>Pomatoschistus minutus</i> ; Sand goby; -	<i>Pomatoschistus minutus</i> ; Sand Goby	-
7	<i>Liza aurata</i> ; Golden grey mullet; -	<i>Liza aurata</i> ; Golden Grey Mullet	-
8	<i>Platichthys flesus</i> ; Flounder; -	<i>Platichthys flesus</i> ; Flounder	-
9	<i>Merlangius merlangus</i> ; Whiting; -	<i>Pollachius pollachius</i> ; Pollack	TE - lower jaw prominent
10	<i>Clupea harengus</i> ; Herring; -	<i>Clupea harengus</i> ; Herring	-
11	<i>Chelon labrosus</i> ; Thick lipped grey mullet; -	<i>Liza aurata</i> ; Golden Grey Mullet	TE - upper lip thin, without papillations, golden spot on gill cover
12	<i>Sprattus sprattus</i> ; Sprat; -	<i>Sprattus sprattus</i> ; Sprat, <i>Clupea harengus</i> ; Herring	TE; mx - pelvic fin behind dorsal fin, poor condition
13	<i>Gasterosteus aculeatus</i> ; 15 spined stickleback; -	<i>Gasterosteus aculeatus</i> ; Fifteen-spined Stickleback	-
14	<i>Ciliata mustela</i> ; 5 bearded rockling; -	<i>Ciliata mustela</i> ; Five-bearded Rockling	-
15	-	-	Taxon not supplied

EXERCISE DETAILS

Fish Reverse Ring Test - F_RRT03
 Return Deadline - 02/12/2011
 Data Received - 22/11/2011
 Specimens Received - 30/11/2011
 Number of Subscribing Laboratories - 25
 Laboratory Code - 1849

Key to codes:

TE - Taxonomic error
 sp - Spelling error
 nc - Name change
 mx - Mixture of species
 * - Problem taxa indicated
 TUM - Thomson Unicomarine

Specimen No.	Laboratory id. (Genus species; common name; length in mm)	Thomson Unicomarine identification	Code / Comments
1	<i>Osmerus Eperlanus</i> ; European Smelt; 92	<i>Osmerus eperlanus</i> ; European Smelt	-
2	<i>Platichthys Flesus</i> ; Flounder; 152	<i>Platichthys flesus</i> ; Flounder	-
3	<i>Pomatoschistus Microps</i> ; Common Goby; 44	<i>Pomatoschistus microps</i> ; Common Goby	-
4	<i>Clupea Herengus</i> ; Herring; 129	<i>Clupea harengus</i> ; Herring	sp
5	<i>Pomatoschistus Mintutus</i> ; Sand Goby; 81	<i>Pomatoschistus minutus</i> ; Sand Goby	sp
6	<i>Echiichthys Vipera</i> ; Lesser Weever Fish; 107	<i>Echiichthys vipera</i> ; Lesser Weever	-
7	<i>Pleuronectes Platessa</i> ; Plaice; 90	<i>Pleuronectes platessa</i> ; Plaice	-
8	<i>Syngnathus Acus</i> ; Greater Pipe Fish; 127	<i>Syngnathus rostellatus</i> ; Lesser Pipefish	TE - 15 pre-anal body rings
9	<i>Merlangius Merlangius</i> ; Whiting; 111	<i>Merlangius merlangus</i> ; Whiting	sp
10	<i>Atherina Presbyter</i> ; Sand Smelt; 79	<i>Atherina presbyter</i> ; Sand Smelt	-
11	<i>Dicentrarchus Labrax</i> ; Sea Bass; -	<i>Dicentrarchus labrax</i> ; Sea Bass	-
12	<i>Ammodytes Tobinus</i> ; Lesser Sand Eel; -	<i>Ammodytes tobianus</i> ; Lesser Sandeel	sp
13	<i>Hyperoplus Lanceolatus</i> ; Greater Sand Eel; 178	<i>Hyperoplus lanceolatus</i> ; Greater Sandeel	-
14	<i>Spinachia Spinachia</i> ; 15 Spined Stickleback; -	<i>Spinachia spinachia</i> ; Fifteen-spined Stickleback	-
15	<i>Chelidonichthys Lucernus</i> ; Tub Gurnard; -	<i>Chelidonichthys lucernus</i> ; Tub Gurnard	-

EXERCISE DETAILS

Fish Reverse Ring Test - F_RRT03
 Return Deadline - 02/12/2011
 Data Received - 29/11/2011
 Specimens Received - 29/11/2011
 Number of Subscribing Laboratories - 25
 Laboratory Code - 1850

Key to codes:

TE - Taxonomic error
 sp - Spelling error
 nc - Name change
 mx - Mixture of species
 * - Problem taxa indicated
 TUM - Thomson Unicomarine

Specimen No.	Laboratory id. (Genus species; common name; length in mm)	Thomson Unicomarine identification	Code / Comments
1	<i>Sprattus sprattus</i> ; Sprat; -	<i>Sprattus sprattus</i> ; Sprat	-
2	<i>solea solea solea</i> ; Sole; -	<i>Solea solea</i> ; Common Sole	-
3	<i>Agonus Agonus cataphractus</i> ; pogge or hooknose; -	<i>Agonus cataphractus</i> ; Hooknose	-
4	<i>Ciliata Ciliata mustela</i> ; Five bearded rockling; -	<i>Ciliata mustela</i> ; Five-bearded Rockling	-
5	<i>Pollachius Pollachius pollachius</i> ; Pollack; -	<i>Pollachius pollachius</i> ; Pollack	-
6	<i>Merlangius Merlangus merlangus</i> ; Whiting; -	<i>Merlangius merlangus</i> ; Whiting	-
7	<i>Liparis Liparis liparis</i> ; Sea snail; -	<i>Liparis liparis</i> ; Common Seasnail	-
8	<i>Limanda Limanda limanda</i> ; Dab; -	<i>Limanda limanda</i>; Dab	sp
9	<i>Conger Conger conger</i> ; Conger Eel; -	<i>Conger conger</i> ; Conger Eel	-
10	<i>Trisopterus Trisopterus luscus</i> ; Bib; -	<i>Trisopterus luscus</i> ; Bib	-
11	<i>Pomatoschistus Pomatoschistus minutus</i> ; Sand Goby; -	<i>Pomatoschistus minutus</i> ; Sand Goby	-
12	<i>Liza Liza Mullet</i> ; Thin lipped mullet; -	<i>Liza ramada</i> ; Thin-lipped Grey Mullet	-
13	<i>Callionymus Callionymus lyra</i> ; Dragonet; -	<i>Callionymus lyra</i> ; Common Dragonet	-
14	<i>Gadus Gadus morhua</i> ; Cod; -	<i>Gadus morhua</i> ; Cod	-
15	<i>Clupea Clupea harengus</i> ; Herring; -	<i>Clupea harengus</i> ; Herring	-

EXERCISE DETAILS

Fish Reverse Ring Test - F_RRT03

Return Deadline - 02/12/2011

Data Received - 24/11/2011

Specimens Received - 24/11/2011

Number of Subscribing Laboratories - 25

Laboratory Code - 1851

Key to codes:

TE - Taxonomic error

sp - Spelling error

nc - Name change

mx - Mixture of species

* - Problem taxa indicated

TUM - Thomson Unicomarine

Specimen No.	Laboratory id. (Genus species; common name; length in mm)	Thomson Unicomarine identification	Code / Comments
1	<i>Agonus cataphractus</i> ; Hooknose; 85	<i>Agonus cataphractus</i> ; Hooknose	-
2	<i>Liparis liparis</i> ; Common Seasnail; 50	<i>Liparis liparis</i> ; Common Seasnail	-
3	<i>Pleuronectes platessa</i> ; European Plaice; 50	<i>Pleuronectes platessa</i> ; Plaice	-
4	<i>Alosa fallax</i> ; Twaite Shad; 65	<i>Alosa fallax</i> ; Twaite Shad	-
5	<i>Callionymus lyra</i> ; Dragonet; 38	<i>Callionymus lyra</i> ; Common Dragonet	-
6	<i>Spinachia spinachia</i> ; 15-spined Stickleback; 122	<i>Spinachia spinachia</i> ; Fifteen-spined Stickleback	-
7	<i>Mustelus asterias</i> ; Starry Smoothound; 365	<i>Mustelus asterias</i> ; Starry Smoothound	-
8	<i>Gobius paganellus</i> ; Rock Goby; 86	<i>Gobius paganellus</i> ; Rock Goby	-
9	<i>Crenilabrus bailloni</i> ; Baillon's Wrasse; 67	<i>Crenilabrus bailloni</i> ; Baillon's Wrasse	-
10	<i>Gobius niger</i> ; Black Goby; 90	<i>Gobius niger</i> ; Black Goby	-
11	<i>Conger conger</i> ; Conger Eel; 276	<i>Conger conger</i> ; Conger Eel	-
12	<i>Trisopterus luscus</i> ; Pout; 151	<i>Trisopterus luscus</i> ; Bib	-
13	<i>Spondyliosoma cantharus</i> ; Black Sea Bream; 60	<i>Spondyliosoma cantharus</i> ; Black Sea Bream	-
14	<i>Atherina presbyter</i> ; Sand Smelt; 153	<i>Atherina presbyter</i> ; Sand Smelt	-
15	<i>Crenilabrus melops</i> ; Corkwing Wrasse; 56	<i>Symphodus melops</i> ; Corkwing Wrasse	nc

NMBAQC Scheme Interim Results

EXERCISE DETAILS

Fish Reverse Ring Test - F_RRT03
 Return Deadline - 02/12/2011
 Data Received - 01/12/2011
 Specimens Received - 02/12/2011
 Number of Subscribing Laboratories - 25
 Laboratory Code - 1852

Key to codes:

TE - Taxonomic error
 sp - Spelling error
 nc - Name change
 mx - Mixture of species
 * - Problem taxa indicated
 TUM - Thomson Unicomarine

Specimen No.	Laboratory id. (Genus species; common name; length in mm)	Thomson Unicomarine identification	Code / Comments
1	<i>Clupea harengus</i> ; Herring; -	<i>Clupea harengus</i> ; Herring	-
2	<i>Zoarces viviparus</i> ; Viviparous blenny; -	<i>Zoarces viviparus</i> ; Viviparous Blenny	-
3	<i>Liparis liparis</i> ; Common seasnail; -	<i>Liparis liparis</i> ; Common Seasnail	-
4	<i>Osmerus eperlanus</i> ; Cucumber smelt; -	<i>Osmerus eperlanus</i> ; Smelt	-
5	<i>Trisopterus luscus</i> ; Bib; -	<i>Trisopterus luscus</i> ; Bib	-
6	<i>Solea solea</i> ; Common sole; -	<i>Solea solea</i> ; Common Sole	-
7	<i>Gobius niger</i> ; Black goby; -	<i>Gobius niger</i> ; Black Goby	-
8	<i>Agonus cataphractus</i> ; Hooknose; -	<i>Agonus cataphractus</i> ; Hooknose	-
9	<i>Pholis gunnellus</i> ; Butterfish; -	<i>Pholis gunnellus</i> ; Butterfish	-
10	<i>Limanda limanda</i> ; Dab; -	<i>Limanda limanda</i> ; Dab	-
11	<i>Pleuronectes platessa</i> ; Plaice; -	<i>Pleuronectes platessa</i> ; Plaice	-
12	<i>Pomatoschistus minutus</i> ; Sand goby; -	<i>Pomatoschistus minutus</i> ; Sand Goby	-
13	<i>Dicentrarchus labrax</i> ; Sea bass; -	<i>Dicentrarchus labrax</i> ; Sea Bass	-
14	<i>Lipophrys pholis</i> ; Shanny; -	<i>Lipophrys pholis</i> ; Shanny	-
15	<i>Aphia minuta</i> ; Transparent goby; -	<i>Aphia minuta</i> ; Transparent Goby	-

EXERCISE DETAILS

Fish Reverse Ring Test - F_RRT03
 Return Deadline - 02/12/2011
 Data Received - 05/12/2011
 Specimens Received - 06/12/2011
 Number of Subscribing Laboratories - 25
 Laboratory Code - 1853

Key to codes:

TE - Taxonomic error
 sp - Spelling error
 nc - Name change
 mx - Mixture of species
 * - Problem taxa indicated
 TUM - Thomson Unicomarine

Specimen No.	Laboratory id. (Genus species; common name; length in mm)	Thomson Unicomarine identification	Code / Comments
1	<i>Pleuronectes platessa</i> ; Plaice; -	<i>Pleuronectes platessa</i> ; Plaice	sp
2	<i>Ammodytes marinus</i> ; Lesser Sandeel; -	<i>Ammodytes tobianus</i> ; Lesser Sandeel	TE - belly scales in chevrons, scales present at the base of each caudal lobe
3	<i>Limanda limanda</i> ; Dab; -	<i>Limanda limanda</i> ; Dab	-
4	<i>Trisopterus luscus</i> ; Bib; -	<i>Trisopterus luscus</i> ; Bib	-
5	<i>Aphia minuta</i> ; Transparent Goby; -	1 x <i>Aphia minuta</i> ; Transparent Goby, 1 x <i>Crystallogobius linearis</i> ; Crystal Goby	TE; mx - first dorsal fin rudimentary
6	<i>Callionymus lyra</i> ; Dragonet; -	<i>Callionymus lyra</i> ; Common Dragonet	-
7	<i>Pomatoschistus minutus</i> ; Sand Goby; -	<i>Pomatoschistus minutus</i> ; Sand Goby	-
8	<i>Agonus cataphractus</i> ; Hooknose; -	<i>Agonus cataphractus</i> ; Hooknose	-
9	<i>Clupea harengus</i> ; Herring; -	<i>Clupea harengus</i> ; Herring	-
10	<i>Buglossidium luteum</i> ; Solenette; -	<i>Solea solea</i> ; Common Sole	TE - pectoral fin moderately large
11	<i>Gasterosleus aculeatus</i> ; Three-spined Stickleback; -	<i>Gasterosteus aculeatus</i> ; Three-spined Stickleback	sp
12	<i>Pomatoschistus microps</i> ; Common Goby; -	<i>Pomatoschistus microps</i> ; Common Goby	-
13	<i>Limanda limanda</i> ; Dab; -	<i>Limanda limanda</i> ; Dab	-
14	<i>Dicentrarchus labrax</i> ; Sea Bass; -	<i>Dicentrarchus labrax</i> ; Sea Bass	-
15	<i>Mullus surmuletus</i> ; Red Mullet; -	<i>Mullus surmuletus</i> ; Striped Red Mullet	-

NMBAQC Scheme Interim Results

EXERCISE DETAILS

Fish Reverse Ring Test - F_RRT03
 Return Deadline - 02/12/2011
 Data Received - 05/12/2011
 Specimens Received - 06/12/2011
 Number of Subscribing Laboratories - 25
 Laboratory Code - 1854

Key to codes:

TE - Taxonomic error
 sp - Spelling error
 nc - Name change
 mx - Mixture of species
 * - Problem taxa indicated
 TUM - Thomson Unicomarine

Specimen No.	Laboratory id. (Genus species; common name; length in mm)	Thomson Unicomarine identification	Code / Comments
1	<i>Syngnathus acus</i> ; Greater Pipefish; -	<i>Syngnathus acus</i> ; Greater Pipefish	-
2	<i>Callionymus reticulatus</i> ; Reticulated Dragonet; -	<i>Callionymus lyra</i> ; Common Dragonet	TE - 4 spines on preoperculum
3	<i>Enchelyopus cimbrius</i> ; Four-bearded Rocking; -	<i>Ciliata mustela</i> ; Five-bearded Rockling	TE - 5 well developed barbels
4	<i>Merlangus merlangus</i> ; Whiting; -	<i>Pollachius pollachius</i> ; Pollack	TE - lower jaw prominent
5	<i>Symphodus melops</i> ; Corkwing Wrasse; -	<i>Symphodus melops</i> ; Corkwing Wrasse	-
6	<i>Buglossidium luteum</i> ; Solenette; -	<i>Buglossidium luteum</i> ; Solenette	-
7	<i>Limanda limanda</i> ; Dab; -	<i>Limanda limanda</i> ; Dab	-
8	<i>Pleuronectes platessa</i> ; Plaice; -	<i>Pleuronectes platessa</i> ; Plaice	-
9	<i>Echiichthys vipera</i> ; Lesser Weever; -	<i>Echiichthys vipera</i> ; Lesser Weever	-
10	<i>Pomatoschistus pictus</i> ; Painted Goby; -	<i>Pomatoschistus pictus</i> ; Painted Goby	sp
11	<i>Pomatoschistus Minutus</i> ; Sand Goby; -	<i>Pomatoschistus minutus</i> ; Sand Goby	sp
12	<i>Solea solea</i> ; Common Sole; -	<i>Solea solea</i> ; Common Sole	-
13	<i>Ciliata mustela</i> ; Five-bearded Rocking; -	<i>Ciliata mustela</i> ; Five-bearded Rockling	-
14	<i>Labrus bergyita</i> ; Ballan Wrasse; -	<i>Labrus bergylta</i> ; Ballan Wrasse	sp
15	<i>Arnoglossus laterna</i> ; Scaldfish; -	<i>Arnoglossus laterna</i> ; Scaldfish	-

EXERCISE DETAILS

Fish Reverse Ring Test - F_RRT03

Return Deadline - 02/12/2011

Data Received - 12/12/2011

Specimens Received - 25/11/2011

Number of Subscribing Laboratories - 25

Laboratory Code - 1855

Key to codes:

TE - Taxonomic error

sp - Spelling error

nc - Name change

mx - Mixture of species

* - Problem taxa indicated

TUM - Thomson Unicomarine

Specimen No.	Laboratory id. (Genus species; common name; length in mm)	Thomson Unicomarine identification	Code / Comments
1	<i>Syngnathus acus</i> ; Greater pipefish; -	<i>Syngnathus acus</i> ; Greater Pipefish	-
2	<i>Taurulus bubalis</i> ; Long spined sea scorpion; -	<i>Taurulus bubalis</i> ; Long-spined Sea Scorpion	-
3	<i>Arnoglossus laterna</i> ; Scaldfish; -	<i>Arnoglossus laterna</i> ; Scaldfish	-
4	<i>Callionymus lyra</i> ; Common dragonet; -	<i>Callionymus lyra</i> ; Common Dragonet	-
5	<i>Liparis liparis</i> ; Sea Snail; -	<i>Liparis liparis</i> ; Common Seasnail	-
6	<i>Ammodytes tobianus</i> ; Lesser Sandeel; -	<i>Ammodytes tobianus</i> ; Lesser Sandeel	-
7	<i>Scophthalmus rhombus</i> ; Brill; -	<i>Psetta maxima</i> ; Turbot	TE - scales absent, bony tubercles present
8	<i>Ctenolabrus rupestris</i> ; Goldsinny wrasse; -	<i>Ctenolabrus rupestris</i> ; Goldsinny Wrasse	-
9	<i>Gobius niger</i> ; Black goby; -	<i>Gobius niger</i> ; Black Goby	-
10	<i>Pomatoschistus minutus</i> ; Sand goby; -	<i>Pomatoschistus minutus</i> ; Sand Goby	-
11	<i>Buglossidium luteum</i> ; Solenette; -	<i>Buglossidium luteum</i> ; Solenette	-
12	<i>Merlangius merlangus</i> ; Whiting; -	<i>Merlangius merlangus</i> ; Whiting	-
13	<i>Sprattus sprattus</i> ; Sprat; -	<i>Sprattus sprattus</i> ; Sprat	sp
14	<i>Clupea harengus</i> ; Herring; -	<i>Clupea harengus</i> ; Herring	-
15	<i>Pholis gunnellus</i> ; Butterfish; -	<i>Pholis gunnellus</i> ; Butterfish	-

NMBAQC Scheme Interim Results

EXERCISE DETAILS

Fish Reverse Ring Test - F_RRT03
 Return Deadline - 02/12/2011
 Data Received - 12/12/2011
 Specimens Received - 25/11/2011
 Number of Subscribing Laboratories - 25
 Laboratory Code - 1856

Key to codes:

TE - Taxonomic error
 sp - Spelling error
 nc - Name change
 mx - Mixture of species
 * - Problem taxa indicated
 TUM - Thomson Unicomarine

Specimen No.	Laboratory id. (Genus species; common name; length in mm)	Thomson Unicomarine identification	Code / Comments
1	<i>Spattus sprattus</i> ; Sprat; -	<i>Sprattus sprattus</i> ; Sprat	sp
2	<i>Echiichthys vipera</i> ; Lesser Weaver; -	<i>Echiichthys vipera</i> ; Lesser Weever	sp
3	<i>Ciliata mustela</i> ; Five bearded rockling; -	<i>Ciliata mustela</i> ; Five-bearded Rockling	-
4	<i>Gobius couchi</i> ; Couch's goby; -	<i>Gobius couchi</i> ; Couch's Goby	-
5	<i>Gobius paganellus</i> ; Rock goby; -	<i>Gobius paganellus</i> ; Rock Goby	-
6	<i>Aphia minuta</i> ; Transparent goby; -	<i>Aphia minuta</i> ; Transparent Goby	-
7	<i>Labrus bergylta</i> ; Ballan wrasse; -	<i>Labrus bergylta</i> ; Ballan Wrasse	-
8	<i>Gobius niger</i> ; Black goby; -	<i>Gobius niger</i> ; Black Goby	-
9	<i>Pomatoschistus minutus</i> ; Sand goby; -	<i>Pomatoschistus minutus</i> ; Sand Goby	-
10	<i>Ctenolabrus rupestris</i> ; Goldsinny wrasse; -	<i>Ctenolabrus rupestris</i> ; Goldsinny Wrasse	-
11	<i>Pomatoschistus pictus</i> ; Painted goby; -	<i>Pomatoschistus pictus</i> ; Painted Goby	-
12	<i>Pleuronectus platessa</i> ; Plaice; -	<i>Pleuronectes platessa</i> ; Plaice	sp
13	<i>Trigla lucerna</i> ; Tub gurnard; -	<i>Trigla lucerna</i> ; Tub Gurnard	-
14	<i>Nerophis lumbriciformis</i> ; Worm pipefish; -	<i>Nerophis lumbriciformis</i> ; Worm Pipefish	-
15	<i>Syngnathus rostellatus</i> ; Lesser pipefish; -	<i>Syngnathus rostellatus</i> ; Lesser Pipefish	-

NMBAQC Scheme Interim Results

EXERCISE DETAILS

Fish Reverse Ring Test - F_RRT03
 Return Deadline - 02/12/2011
 Data Received - 22/11/2011
 Specimens Received - 24/11/2011
 Number of Subscribing Laboratories - 25
 Laboratory Code - 1857

Key to codes:

TE - Taxonomic error
 sp - Spelling error
 nc - Name change
 mx - Mixture of species
 * - Problem taxa indicated
 TUM - Thomson Unicomarine

Specimen No.	Laboratory id. (Genus species; common name; length in mm)	Thomson Unicomarine identification	Code / Comments
1	<i>Chelidonichthys lucernus</i> ; Tub Gurnard; -	<i>Chelidonichthys lucernus</i> ; Tub Gurnard	-
2	<i>Raja clavata</i> ; Thornback Ray; -	<i>Raja clavata</i> ; Thornback Ray	-
3	<i>Platichthys flesus</i> ; Flounder; -	<i>Platichthys flesus</i> ; Flounder	-
4	<i>Pomatoschistus minutus</i> ; Sand Goby; -	<i>Pomatoschistus minutus</i> ; Sand Goby	-
5	<i>Trisopterus luscus</i> ; Bib; -	<i>Trisopterus luscus</i> ; Bib	-
6	<i>Syngnathus acus</i> ; Greater Pipefish; -	<i>Syngnathus rostellatus</i> ; Lesser Pipefish	TE - 14 pre-anal body rings
7	<i>Agonus cataphractus</i> ; Pogge; -	<i>Trigla lucerna</i> ; Tub Gurnard	TE - no barbels on underside of the head, long dorsal and anal fins
8	<i>Trisopterus minutus</i> ; Poor Cod; -	<i>Gadus morhua</i> ; Cod	TE - anal fin short, origin behind 1st dorsal fin base
9	<i>Buglossidium luteum</i> ; Solenette; -	<i>Buglossidium luteum</i> ; Solenette	-
10	<i>Merlangius merlangus</i> ; Whiting; -	<i>Merlangius merlangus</i> ; Whiting	-
11	<i>Arnoglossus laterna</i> ; Scaldfish; -	<i>Arnoglossus laterna</i> ; Scaldfish	-
12	<i>Pleuronectes platessa</i> ; Plaice; -	<i>Pleuronectes platessa</i> ; Plaice	-
13	<i>Scyliorhinus canicula</i> ; Common Dogfish; -	<i>Scyliorhinus canicula</i> ; Lesser Spotted Dogfish	-
14	<i>Echiichthys vipera</i> ; Lesser Weaver; -	<i>Echiichthys vipera</i> ; Lesser Weever	-
15	<i>Gaidropsarus macrophthalmus</i> ; 5 Bearded Rockling; -	<i>Ciliata mustela</i> ; Five-bearded Rockling	TE - common name correct

NMBAQC Scheme Interim Results

EXERCISE DETAILS

Fish Reverse Ring Test - F_RRT03

Return Deadline - 02/12/2011

Data Received - 09/11/2011

Specimens Received - 09/11/2011

Number of Subscribing Laboratories - 25

Laboratory Code - 1858

*No electronic data supplied

Key to codes:

TE - Taxonomic error

sp - Spelling error

nc - Name change

mx - Mixture of species

* - Problem taxa indicated

TUM - Thomson Unicomarine

Specimen No.	Laboratory id. (Genus species; common name; length in mm)	Thomson Unicomarine identification	Code / Comments
1	<i>Mullus surmuletus</i> ; Striped Red Mullet; -	<i>Mullus surmuletus</i> ; Striped Red Mullet	-
2	<i>Syngnathus acus</i> ; Greater Pipefish; -	<i>Syngnathus acus</i> ; Greater Pipefish	-
3	<i>Pomatoschistus pictus</i> ; Painted Goby; -	<i>Pomatoschistus pictus</i> ; Painted Goby	-
4	<i>Sardina pilchardus</i> ; Pilchard; -	<i>Sardina pilchardus</i> ; Pilchard	-
5	<i>Sprattus sprattus</i> ; Sprat; -	<i>Sprattus sprattus</i> ; Sprat	-
6	<i>Spinachia spinachia</i> ; Fifteen-spined Stickleback; -	<i>Spinachia spinachia</i> ; Fifteen-spined Stickleback	-
7	<i>Pomatoschistus microps</i> ; Common Goby; -	<i>Pomatoschistus pictus</i> ; Painted Goby	TE - banded 2nd dorsal fin, ventral head pigmentation
8	<i>Pomatoschistus minutus</i> ; Sand Goby; -	<i>Pomatoschistus minutus</i> ; Sand Goby	-
9	<i>Atherina presbyter</i> ; Sand Smelt; -	<i>Atherina presbyter</i> ; Sand Smelt	-
10	<i>Gobiusculus flavescens</i> ; Two-spotted Goby; -	<i>Gobiusculus flavescens</i> ; Two-spotted Goby	-
11	<i>Trachurus trachurus</i> ; Atlantic Horse-Mackerel; -	<i>Trachurus trachurus</i> ; Scad	-
12	<i>Gobius niger</i> ; Black Goby; -	<i>Gobius niger</i> ; Black Goby	-
13	<i>Pollachius pollachius</i> ; Pollack; -	<i>Pollachius pollachius</i> ; Pollack	-
14	<i>Callionymus lyra</i> ; Common Dragonet; -	<i>Callionymus lyra</i> ; Common Dragonet	-
15	<i>Crenilabrus melops</i> ; Corkwing Wrasse; -	<i>Symphodus melops</i> ; Corkwing Wrasse	nc

NMBAQC Scheme Interim Results

EXERCISE DETAILS

Fish Reverse Ring Test - F_RRT03
 Return Deadline - 02/12/2011
 Data Received - 22/11/2011
 Specimens Received - 22/11/2011
 Number of Subscribing Laboratories - 25
 Laboratory Code - 1859

*No electronic data supplied

Key to codes:

TE - Taxonomic error
 sp - Spelling error
 nc - Name change
 mx - Mixture of species
 * - Problem taxa indicated
 TUM - Thomson Unicumarine

Specimen No.	Laboratory id. (Genus species; common name; length in mm)	Thomson Unicumarine identification	Code / Comments
1	<i>Clupea harengus</i> ; Herring; -	<i>Clupea harengus</i> ; Herring	-
2	<i>Spinachia spinachia</i> ; Fifteen-spined Stickleback; -	<i>Spinachia spinachia</i> ; Fifteen-spined Stickleback	-
3	<i>Gobius niger</i> ; Black Goby; -	<i>Gobius niger</i> ; Black Goby	-
4	<i>Gobiusculus flavescens</i> ; Two-spotted Goby; -	<i>Gobiusculus flavescens</i> ; Two-spotted Goby	-
5	<i>Pleuronectes platessa</i> ; Plaice; -	<i>Pleuronectes platessa</i> ; Plaice	-
6	<i>Liza ramada</i> ; Thin-lipped Grey Mullet; -	<i>Chelon labrosus</i> ; Thick-lipped Grey Mullet	TE - ventral head pigmentation
7	<i>Spondyliosoma cantharus</i> ; Black Bream; -	<i>Spondyliosoma cantharus</i> ; Black Sea Bream	-
8	<i>Dicentrarchus labrax</i> ; Sea Bass; -	<i>Dicentrarchus labrax</i> ; Sea Bass	-
9	<i>Liza aurata</i> ; Golden Grey Mullet; -	<i>Liza aurata</i> ; Golden Grey Mullet	-
10	<i>Ammodytes tobianus</i> ; Lesser Sandeel; -	<i>Ammodytes tobianus</i> ; Lesser Sandeel	-
11	<i>Pomatoschistus minutus</i> ; Sand Goby; -	<i>Pomatoschistus minutus</i> ; Sand Goby	-
12	<i>Platichthys flesus</i> ; Flounder; -	<i>Pleuronectes platessa</i> ; Plaice	TE - no spines along dorsal and anal fin base
13	<i>Atherina presbyter</i> ; Sand Smelt; -	<i>Atherina presbyter</i> ; Sand Smelt	-
14	<i>Pomatoschistus microps</i> ; Common Goby; -	<i>Pomatoschistus minutus</i> ; Sand Goby	TE - villi present on pelvic fin, ventral head pigmentation
15	<i>Gasterosteus aculeatus</i> ; Three-spined Stickleback; -	<i>Gasterosteus aculeatus</i> ; Three-spined Stickleback	-

NMBAQC Scheme Interim Results

EXERCISE DETAILS

Fish Reverse Ring Test - F_RRT03

Return Deadline - 02/12/2011

Data Received - 09/11/2011

Specimens Received - 09/11/2011

Number of Subscribing Laboratories - 25

Laboratory Code - 1860

Key to codes:

TE - Taxonomic error

sp - Spelling error

nc - Name change

mx - Mixture of species

* - Problem taxa indicated

Specimen No.	Laboratory id. (Genus species; common name; length in mm)	Unicomarine id.	Code / Comments
1	<i>Limanda limanda</i> ; Dab; -	<i>Limanda limanda</i> ; Dab	-
2	<i>Dicentrarchus labrax</i> ; Sea Bass; -	<i>Dicentrarchus labrax</i> ; Sea Bass	-
3	<i>Platichthys flesus</i> ; Flounder; -	<i>Platichthys flesus</i> ; Flounder	-
4	<i>Pollachius virens</i> ; Saithe; -	<i>Pollachius virens</i> ; Saithe	-
5	<i>Zoarces viviparus</i> ; Viviparous Blenny; -	<i>Zoarces viviparus</i> ; Viviparous Blenny	-
6	<i>Ciliata mustela</i> ; Five Bearded Rockling; -	<i>Ciliata mustela</i> ; Five-bearded Rockling	-
7	<i>Pleuronectes platessa</i> ; Plaice; -	<i>Pleuronectes platessa</i> ; Plaice	-
8	<i>Pleuronectes platessa</i> ; Plaice; -	<i>Pleuronectes platessa</i> ; Plaice	-
9	<i>Echiichthys vipera</i> ; Lesser Weaver; -	<i>Echiichthys vipera</i> ; Lesser Weever	-
10	<i>Psetta maxima</i> ; Turbot; -	<i>Psetta maxima</i> ; Turbot	-
11	<i>Gadus morhua</i> ; Cod; -	<i>Gadus morhua</i> ; Cod	-
12	<i>Merlangius merlangus</i> ; Whiting; -	<i>Merlangius merlangus</i> ; Whiting	-
13	<i>Sprattus sprattus</i> ; Sprat; -	<i>Sprattus sprattus</i> ; Sprat	-
14	<i>Pomatoschistus minutus</i> ; Sand goby; -	<i>Pomatoschistus minutus</i> ; Sand Goby	-
15	<i>Solea solea</i> ; Common Sole; -	<i>Solea solea</i> ; Common Sole	-

EXERCISE DETAILS

Fish Reverse Ring Test - F_RRT03

Return Deadline - 02/12/2011

Data Received - 10/11/2011

Specimens Received - 18/11/2011

Number of Subscribing Laboratories - 25

Laboratory Code - 1861

Key to codes:

TE - Taxonomic error

sp - Spelling error

nc - Name change

mx - Mixture of species

* - Problem taxa indicated

Specimen No.	Laboratory id. (Genus species; common name; length in mm)	Unicomarine id.	Code / Comments
1	<i>Pomatoschistus minutus</i> ; Sand Goby; 48	<i>Pomatoschistus minutus</i> ; Sand Goby	-
2	Unidentified ; Sprat?; 39	<i>Sprattus sprattus</i> ; Sprat	-
3	<i>Pollachius pollachius</i> ; Pollock; 108	<i>Pollachius pollachius</i> ; Pollack	-
4	<i>Gobius niger</i> ; Black Goby; 70	<i>Gobius niger</i> ; Black Goby	-
5	<i>Gobius paganellus</i> ; Rock Goby; 62	<i>Gobius paganellus</i> ; Rock Goby	-
6	<i>Atherina presbyter</i> ; Sand Smelt; 67	<i>Atherina presbyter</i> ; Sand Smelt	-
7	<i>Pleuronectes platessa</i> ; Plaice; 50	<i>Pleuronectes platessa</i> ; Plaice	-
8	<i>Sprattus sprattus</i> ; Sprat; 71	<i>Sprattus sprattus</i> ; Sprat	-
9	<i>Gobiusculus flavescens</i> ; Two-spotted Goby; 56	<i>Gobiusculus flavescens</i> ; Two-spotted Goby	sp
10	<i>Labrus bergylta</i> ; Ballan Wrasse; 82	<i>Labrus bergylta</i> ; Ballan Wrasse	-
11	<i>Chelon labrosus</i> ; Thick-lipped Grey Mullet; 51	<i>Liza ramada</i> ; Thin-lipped Grey Mullet	TE - ventral head pigmentation
12	<i>Liza aurata</i> ; Golden Grey Mullet; 69	<i>Liza ramada</i> ; Thin-lipped Grey Mullet	TE - ventral head pigmentation
13	-	-	Taxon not supplied
14	<i>Liza aurata</i> ; Golden Grey Mullet; 42	<i>Chelon labrosus</i> ; Thick-lipped Grey Mullet	TE - ventral head pigmentation
15	<i>Pomatoschistus minutus</i> ; Sand Goby; 71	<i>Pomatoschistus minutus</i> ; Sand Goby	-

EXERCISE DETAILS

Fish Reverse Ring Test - F_RRT03

Return Deadline - 02/12/2011

Data Received - 24/11/2011

Specimens Received - 24/11/2011

Number of Subscribing Laboratories - 25

Laboratory Code - 1862

Key to codes:

TE - Taxonomic error

sp - Spelling error

nc - Name change

mx - Mixture of species

* - Problem taxa indicated

Specimen No.	Laboratory id. (Genus species; common name; length in mm)	Unicomarine id.	Code / Comments
1	<i>Abramis bjoerkna</i> ; Silver Bream; 99	<i>Blicca bjoerkna</i> ; Silver Bream	nc
2	<i>Leuciscus cephalus</i> ; Chub; 97	<i>Leuciscus cephalus</i> ; Chub	-
3	<i>Pomatoschistus minutus</i> ; Sand Goby; 46, 40	<i>Pomatoschistus minutus</i> ; Sand Goby, <i>Pomatoschistus microps</i> ; Common Goby	TE; mx - 10 anal fin rays, inverted 'v' pigment on pectoral fins
4	<i>Lampetra fluviatilis</i> ; River Lamprey; -	<i>Lampetra fluviatilis</i> ; River Lamprey	-
5	<i>Anguilla anguilla</i> ; Eel; 275	<i>Anguilla anguilla</i> ; European Eel	-
6	<i>Barbus barbus</i> ; Barbel; 225	<i>Barbus barbus</i> ; Barbel	-
7	<i>Liza ramada</i> ; Thin-lipped Grey Mullet; -	<i>Liza ramada</i> ; Thin-lipped Grey Mullet	-
8	<i>Dicentrarchus labrax</i> ; Seabass; 470	<i>Dicentrarchus labrax</i> ; Sea Bass	-
9	<i>Rutilus rutilus</i> ; Roach; 205	<i>Rutilus rutilus</i> ; Roach	-
10	-	-	Taxon not supplied
11	-	-	Taxon not supplied
12	-	-	Taxon not supplied
13	-	-	Taxon not supplied
14	-	-	Taxon not supplied
15	-	-	Taxon not supplied