



NMBAQC

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Fish Reverse Ring Test Bulletin – FRRT16

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Authors: Debbie Walsh

Reviewers: David Hall

Approved by: Jim Ellis, CEFAS

Contact: nmbaqc@apemltd.co.uk



MODULE / EXERCISE DETAILS

Module:	Fish Reverse Ring Test - FRRT
Exercises:	FRRT16
Specimen Request Circulated:	31 st March 2025
Specimen Submission Deadline:	6 th June 2025 (extended)
Number of Subscribing Laboratories:	12
Number of Submissions Received:	10

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Table 1 Summary specimens and data received from participating laboratories FRRT16

Number of specimens submitted: **146**

Number of species: **57**

Number of taxonomic errors (TE): **3**

Number of taxonomic discrepancies (TD; *synonym, **unaccepted, ***other): 3 (1*, 6**, 6***)

Number of problematic taxa submitted (†): **0**

Class	Order	Family	Species	Common name	No. of spms	No. of TE	No. of TD
Petromyzonti	Petromyzontiformes	Petromyzontidae	<i>Lampetra fluviatilis</i>	River lamprey	1		
Elasmobranchii	Rajiformes	Rajidae	<i>Raja clavata</i>	Thornback ray	1		
Teleostei	Atheriniformes	Atherinidae	<i>Atherina presbyter</i>	Sand smelt	3		
	Beloniformes	Belonidae	<i>Belone belone</i>	Garfish	1		
	Blenniiformes	Blenniidae	<i>Blennius ocellaris</i>	Butterfly blenny	1		
	Callionymiformes	Callionymidae	<i>Callionymus lyra</i>	Common dragonet	3		
	Carangiformes	Carangidae	<i>Trachurus trachurus</i>	Horse mackerel	3		
	Clupeiformes	Clupeidae	<i>Clupea harengus</i>	Herring	7	1	
			<i>Sprattus sprattus</i>	Sprat	9		
		Engraulidae	<i>Engraulis encrasicolus</i>	Anchovy	2		
	Cypriniformes	Cyprinidae	<i>Abramis brama</i>	Common bream	1		
			<i>Blicca bjoerkna</i>	Silver bream	1		
	Eupercaria incertae sedis	Labridae	<i>Labrus bergylta</i>	Ballan wrasse	1		
			<i>Symphodus bailloni</i>	Baillons wrasse	1		1*
			<i>Symphodus melops</i>	Corkwing wrasse	1		1*
			<i>Dicentrarchus labrax</i>	Sea bass	4		2***

	Sparidae	<i>Spondyliosoma cantharus</i>	Black bream	1	
Gadiformes	Gadidae	<i>Gadus morhua</i>	Atlantic cod	1	
		<i>Melanogrammus aeglefinus</i>	Haddock	1	
		<i>Merlangius merlangus</i>	Whiting	3	1***
		<i>Micromesistius poutassou</i>	Blue whiting	1	
		<i>Pollachius pollachius</i>	Pollack	1	
		<i>Trisopterus esmarkii</i>	Norway pout	1	
		<i>Trisopterus luscus</i>	Bib	4	
		<i>Trisopterus minutus</i>	Poor cod	3	
	Lotidae	<i>Ciliata mustela</i>	Five-bearded rockling	3	
Gobiiformes	Gobiidae	<i>Gobius niger</i>	Black goby	2	
		<i>Pomatoschistus minutus</i>	Sand goby	7	
		<i>Pomatoschistus pictus</i>	Painted goby	1	
Lophiiformes	Lophiidae	<i>Lophius piscatorius</i>	Monkfish	1	
Mugiliformes	Mugilidae	<i>Chelon auratus</i>	Golden grey mullet	1	1**
		<i>Chelon ramada</i>	Thin-lipped grey mullet	4	3**
Mulliformes	Mullidae	<i>Mullus surmuletus</i>	Striped red mullet	6	
Osmeriformes	Osmeridae	<i>Osmerus eperlanus</i>	Smelt	2	1***
Perciformes	Agonidae	<i>Agonus cataphractus</i>	Pogge	3	
	Ammodytidae	<i>Ammodytes tobianus</i>	Lesser sandeel	4	1
	Cottidae	<i>Taurulus bubalis</i>	Long-spined sea scorpion	1	
	Gasterosteidae	<i>Gasterosteus aculeatus</i>	Three-spined stickleback	5	1***
		<i>Spinachia spinachia</i>	Fifteen-spined stickleback	1	
	Trachinidae	<i>Echiichthys vipera</i>	Lesser weever	1	
	Triglidae	<i>Chelidonichthys cuculus</i>	Red gurnard	2	

		<i>Chelidonichthys lastoviza</i>	Streaked gurnard	2	
		<i>Chelidonichthys lucerna</i>	Tub gurnard	4	2***
		<i>Eutrigla gurnardus</i>	Grey gurnard	2	
Pleuronectiformes	Scophthalmidae	<i>Scophthalmus rhombus</i>	Brill	3	
	Bothidae	<i>Arnoglossus laterna</i>	Scaldfish	1	
		<i>Arnoglossus thori</i>	Thor's scaldfish	1	
	Pleuronectidae	<i>Glyptocephalus cynoglossus</i>	Witch	1	
		<i>Limanda limanda</i>	Dab	4	
		<i>Platichthys flesus</i>	Flounder	8	1
		<i>Pleuronectes platessa</i>	Plaice	7	
	Soleidae	<i>Buglossidium luteum</i>	Solenette	2	
		<i>Solea solea</i>	Common sole	4	
Salmoniformes	Salmonidae	<i>Salmo trutta</i>	Brown trout	1	
Scombriformes	Scombridae	<i>Scomber scombrus</i>	Mackerel	1	
Syngnathiformes	Syngnathidae	<i>Syngnathus rostellatus</i>	Lesser pipefish	4	
Zeiformes	Zeidae	<i>Zeus faber</i>	John dory	3	

Species names according to World Register of Marine Species (WoRMS) and FishBase, accessed August 2025

Table 2. Summary of taxonomic errors, discrepancies and problematic taxa for FRRT16

Laboratory identification		APEM Ltd. identification
Taxonomic errors		
F3103	<i>Hyperoplus immaculatus</i>	<i>Ammodytes tobianus</i> Linnaeus, 1758
F3103	<i>Pseudopleuronectes americanus</i>	<i>Platichthys flesus</i> (Linnaeus, 1758)
F3104	<i>Culpea harengus</i>	<i>Sprattus sprattus</i> (Linnaeus, 1758)
Taxonomic discrepancies (unaccepted synonyms)		
F3103	<i>Trigla lucerne</i>	<i>Chelidonichthys lucerna</i> (Linnaeus, 1758)
F3109	<i>Liza ramada</i>	<i>Chelon ramada</i> (Risso, 1827)
F3109	<i>Liza ramada</i>	<i>Chelon ramada</i> (Risso, 1827)
F3111	<i>Liza ramada</i>	<i>Chelon ramada</i> (Risso, 1827)
F3111	<i>Liza aurata</i>	<i>Chelon auratus</i> (Risso, 1810)
F3111	<i>Crenilabrus melops</i>	<i>Symphodus melops</i> (Linnaeus, 1758)
Taxonomic discrepancies (synonyms/spelling)		
F3105	<i>Merlangius merlangus</i>	<i>Merlangius merlangus</i> (Linnaeus, 1758)
F3106	<i>Osmerus eperlanus</i>	<i>Osmerus eperlanus</i> (Linnaeus, 1758)
F3107	<i>Chelidonichthys lucernus</i>	<i>Chelidonichthys lucerna</i> (Linnaeus, 1758)
F3109	<i>Dicentrarchus labrax</i>	<i>Dicentrarchus labrax</i> (Linnaeus, 1758)
F3109	<i>Dicentrarchus labrax</i>	<i>Dicentrarchus labrax</i> (Linnaeus, 1758)
F3111	<i>Gasterosteus aculeatus</i>	<i>Gasterosteus aculeatus</i> Linnaeus, 1758
F3111	<i>Crenilabrus bailloni</i>	<i>Symphodus bailloni</i> (Valenciennes, 1839)

Taxonomic errors and problematic taxa

This section describes those submitted specimens that were found to have been identified incorrectly or noted as problematic taxa in the original submission. The key identification features to separate these and similar taxa are given.

***Ammodytes tobianus* Linnaeus, 1758**

This specimen was incorrectly identified as *Hyperoplus immaculatus* (Corbin, 1950) (Figure 1 Top). *A. tobianus* can be distinguished from *H. immaculatus* by the presence of a protrusible jaw and smaller snout to eye ratio (Figure 2). *A. tobianus* can further be distinguished from *A. marinus* by the presence of scales on the tail fin lobes (see FRT#13 bulletin for further details and images [Page 34](#))



Figure 1. Submitted specimens of *Ammodytes tobianus* Linnaeus, 1758 FRRT16.

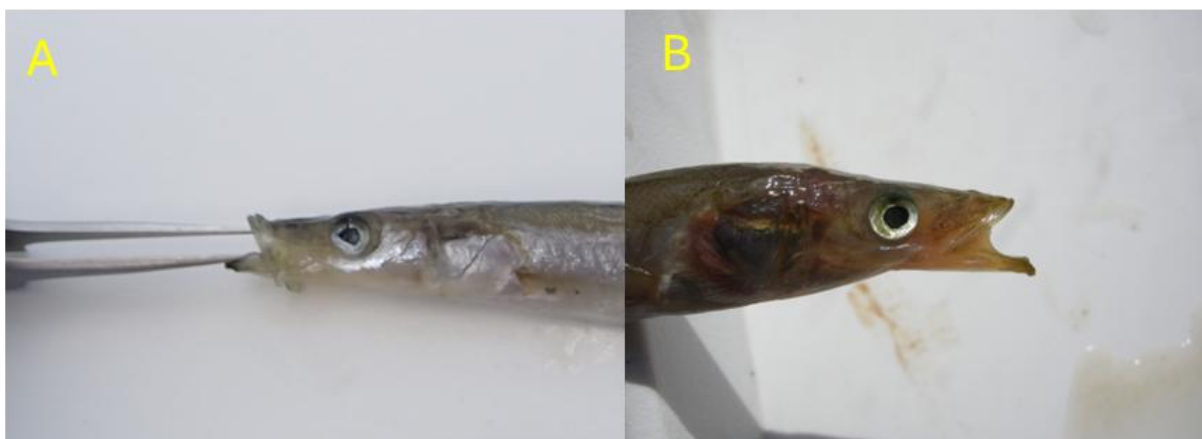


Figure 2. Mouth of *Ammodytes tobianus* (A) and *Hyperoplus immaculatus* (B) (specimen from reference photos).

Platichthys flesus (Linnaeus, 1758)

The name given for this specimen was *Pseudopleuronectes americanus* (Walbaum, 1792), commonly known as 'winter flounder'. *P. americanus* however is only found in the North-western Atlantic, along the eastern coast of the United States and Canada. One of the disadvantages of using common names is that they can be interpreted as different species in different locations. The specimen submitted matched all the taxonomic features of European flounder' *Platichthys flesus*, including the number of fin rays and prickles at the base of fin rays (Figure 3).



Figure 3. Specimen of *Platichthys flesus* (Linnaeus, 1758).

Sprattus sprattus (Linnaeus, 1758)

One specimen was misidentified as *Clupea harengus*. These are two of the most commonly confused species, especially in younger individuals. The main identifying features, namely colour, size and the lack of a serrated keel in adult herring are not so discernible in fish under 10 cm. The relative position of the dorsal and pelvic fin origins and the number of scales between the pelvic fin base and the vent (herring 13–16; sprat 11–12) are better diagnostic features in smaller fish (Figure 4).



Figure 4. Specimens of *Sprattus sprattus* (top) and *Clupea harengus* (bottom) showing relative positions of dorsal and pectoral fins (adapted from FRRT13)

Taxonomic discrepancies

This section provides further information on those submitted specimens for which other taxonomic irregularities (e.g. spelling mistakes, synonyms) were noted.

Synonyms

The World Register of Marine Species (WoRMS) and FishBase, accessed August 2025, were used for currently valid species names. Six specimens were submitted using unaccepted synonyms, see Table 2 for the list of submissions against the valid scientific names.

Synonyms/spelling

Six specimens were submitted with slight spelling errors.

Authority Errors

Only 26 specimens were submitted with an authority (two submissions). The authority and year were correct for one submission. The second submission had only 11 specimens, two of which had the incorrect authority, three minor spelling mistakes and two of which were unaccepted synonyms. This was potentially the result of using older keys and not crosschecking up to date resources such as The World Register of Marine Species (WoRMS) and FishBase.

Species of interest

This year we received a number of different specimens from the family Triglidae, four of the six species known in northern European waters: *Chelidonichthys lastoviza* (Bonnaterre, 1788), *Chelidonichthys lucerna* (Linnaeus, 1758), *Eutrigla gurnardus* (Linnaeus, 1758) and *Chelidonichthys cuculus* (Linnaeus, 1758) (Figure 5). Although the freeze/thaw process appears to have dulled the colouration, Figure 5 clearly shows distinguishing features such as the profile of the head and the position of the pectoral fins relative to the vent. Figure 6 also shows the different snout profiles.

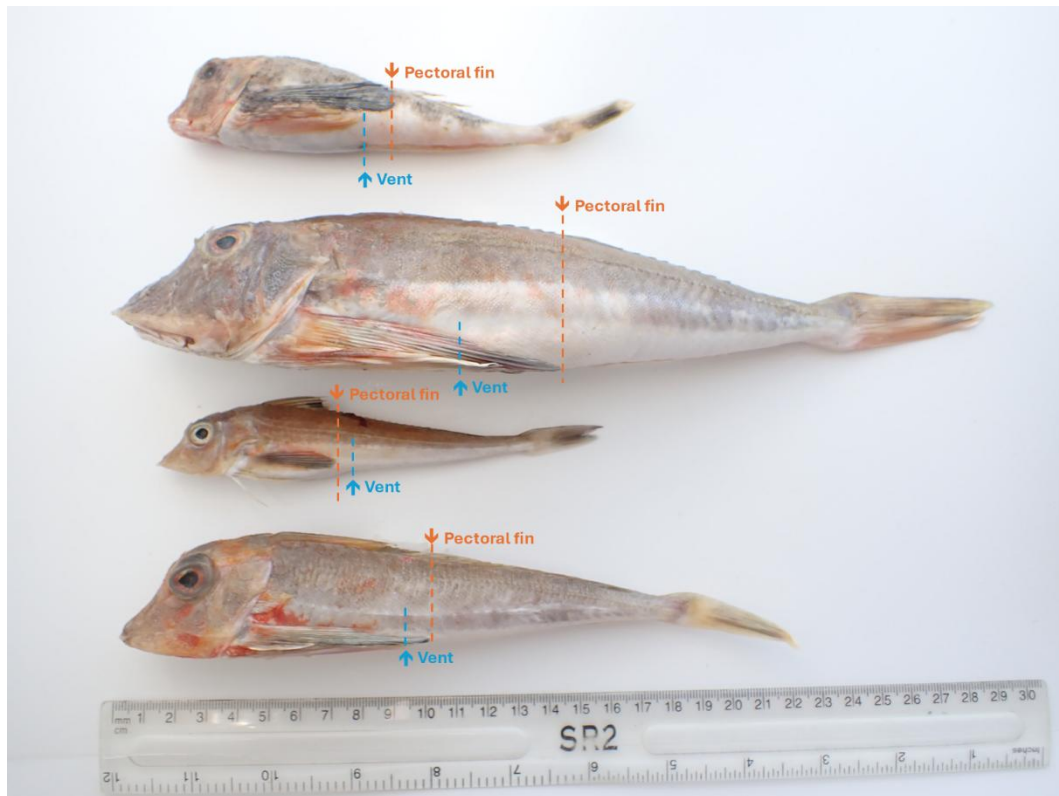


Figure 5. Selected gurnards showing (top to bottom) *Chelidonichthys lastoviza* (Bonnaterre, 1788), *Chelidonichthys lucerna* (Linnaeus, 1758), *Eutrigla gurnardus* (Linnaeus, 1758) and *Chelidonichthys cuculus* (Linnaeus, 1758).



Figure 6. Dorsal views of the snout of (left to right) *Chelidonichthys lastoviza* (Bonnaterre, 1788), *Chelidonichthys lucerna* (Linnaeus, 1758), *Eutrigla gurnardus* (Linnaeus, 1758) and *Chelidonichthys cuculus* (Linnaeus, 1758).

Acknowledgements

We would like to thank all participants for contributing a wide array of species to this year's ring test.

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APPENDIX

FRRT16 individual summary reports for participating laboratories with specimen details as provided by participants and taxonomic errors, discrepancies and comments (updated) given by APEM.

EXERCISE DETAILS

Fish Reverse Ring Test (F-RRRT16)

Return Deadline - 20/05/25

Laboratory Code - F3102

Key to codes:

TE - Taxonomic error

TD - Taxonomic
discrepancy

* - Problem taxa indicated

Specimen No.	Laboratory identification (scientific name; common name)	APEM identification (if different)	Code / Comments
RRT16_F3102_01	Trachurus trachurus, Horse mackerel		
RRT16_F3102_02	Melanogrammus aeglefinus, Haddock		
RRT16_F3102_03	Gasterosteus aculeatus aculeatus, Three-spined stickleback		
RRT16_F3102_04	Mullus surmuletus, Striped red mullet		
RRT16_F3102_05	Belone belone, Garfish		
RRT16_F3102_06	Eutrigla gurnardus, Grey gurnard		
RRT16_F3102_07	Ciliata mustela, Five-bearded rockling		
RRT16_F3102_08	Dicentrarchus labrax, Sea bass		
RRT16_F3102_09	Solea solea, Common sole		
RRT16_F3102_10	Platichthys flesus, Flounder		
RRT16_F3102_11	Pleuronectes platessa, Plaice		
RRT16_F3102_12	Limanda limanda, Dab		
RRT16_F3102_13	Osmerus eperlanus, Smelt		
RRT16_F3102_14	Mullus surmuletus, Striped red mullet		
RRT16_F3102_15	Atherina presbyter, Sand smelt		

EXERCISE DETAILS

Fish Reverse Ring Test (F-RRT16)

Return Deadline - 20/05/25

Laboratory Code - F3103

Key to codes:

TE - Taxonomic error

TD - Taxonomic discrepancy

* - Problem taxa indicated

Specimen No.	Laboratory identification (scientific name; common name)	APEM identification (if different)	Code / Comments
RRT16_F3103_01	Hyperoplus immaculatus immaculatus, Corbin's Sand Eel	<i>Ammodites tobianus</i>	TE: Protrusible jaw, scales present on lobes, eye/snout ratio (damaged specimen)
RRT16_F3103_02	Pseudopleuronectes americanus, Flounder	<i>Platichthys flesus</i>	TE: Incorrect species
RRT16_F3103_03	Pomatoschistus minutus, Sand Goby		
RRT16_F3103_04	Chelidonichthys lastoviza lastoviza, Streaked gurnard		
RRT16_F3103_05	Blennius ocellaris, Butterfly Blenny		
RRT16_F3103_06	Trisopterus minutus minutus, Poor Cod		
RRT16_F3103_07	Syngnathus rostellatus, Lesser Pipefish		
RRT16_F3103_08	Zeus faber, John Dory		
RRT16_F3103_09	Arnoglossus laterna, Scaldfish		
RRT16_F3103_10	Mullus surmuletus, Striped Red Mullet		
RRT16_F3103_11	Ammodytes tobianus, Lesser Sand Eel		
RRT16_F3103_12	Trigla lucerna, Tub Gurnard		TD: Accepted as <i>Chelidonichthys lucerna</i>
RRT16_F3103_13	Chelidonichthys cuculus, Red gurnard		
RRT16_F3103_14	Buglossidium luteum, Solenette		
RRT16_F3103_15	Callionymus lyra, Common Dragonet		

EXERCISE DETAILS

Fish Reverse Ring Test (F-RR16)

Return Deadline - 20/05/25

Laboratory Code - F3104

Key to codes:

TE - Taxonomic error

TD - Taxonomic discrepancy

* - Problem taxa indicated

Specimen No.	Laboratory identification (scientific name; common name)	APEM identification (if different)	Code / Comments
RRT16_F3104_01	Chelidonichthys cuculus, Red Gurnard		
RRT16_F3104_02	Trisopterus minutus, Poor Cod		
RRT16_F3104_03	Arnoglossus thori, Thor's scaldfish		
RRT16_F3104_04	Syngnathus rostellatus, Lesser pipefish		
RRT16_F3104_05	Culpea harengus, Herring	<i>Sprattus sprattus</i>	TE: 12 scales
RRT16_F3104_06	Chelidonichthys lastoviza, Streaked Gurnard		
RRT16_F3104_07	Mullus surmuletus, Red Mullet		
RRT16_F3104_08	Platichthys flesus, Flounder		
RRT16_F3104_09	Gobius niger, Black Goby		
RRT16_F3104_10	Zeus faber, John Dory		
RRT16_F3104_11	Pleuronectes platessa, Plaice		
RRT16_F3104_12	Mullus surmuletus, Red Mullet		
RRT16_F3104_13	Ammodytes tobianus, Lesser sand eel		
RRT16_F3104_14	Syngnathus rostellatus, Lesser pipefish		
RRT16_F3104_15	Ammodytes tobianus, Lesser sand eel		

EXERCISE DETAILS

Fish Reverse Ring Test (F-RRT16)

Return Deadline - 20/05/25

Laboratory Code - F3105

Key to codes:

TE - Taxonomic error

TD - Taxonomic discrepancy

* - Problem taxa indicated

Specimen No.	Laboratory identification (scientific name; common name)	APEM identification (if different)	Code / Comments
RRT16_F3105_01	Buglossidium luteum, Solinette		
RRT16_F3105_02	Solea solea, Common Sole		
RRT16_F3105_03	Agonus cataphractus, Pogge		
RRT16_F3105_04	Ciliata mustela, 5 Bearded Rockling		
RRT16_F3105_05	Echiichthys vipera, Lesser Weaver		
RRT16_F3105_06	Trisopterus luscus, Bib		
RRT16_F3105_07	Eutrigla gurnardus, Grey Gurnard		
RRT16_F3105_08	Chelidonichthys lucerna, Tub Gurnard		
RRT16_F3105_09	Callionymus lyra, Common Dragonet		
RRT16_F3105_10	Raja clavata, Thornback Ray		
RRT16_F3105_11	Pleuronectes platessa, Plaice		
RRT16_F3105_12	Merlangius merlangus, Whiting		TD: Spelling, should be <i>Merlangius merlangus</i>
RRT16_F3105_13	Sprattus sprattus, Spratt		
RRT16_F3105_14	Clupea harengus, Herring		
RRT16_F3105_15	Limanda limanda, Dab		

EXERCISE DETAILS

Fish Reverse Ring Test (F-RRT16)

Return Deadline - 20/05/25

Laboratory Code - F3106

Key to codes:

TE - Taxonomic error

TD - Taxonomic discrepancy

* - Problem taxa indicated

Specimen No.	Laboratory identification (scientific name; common name)	APEM identification (if different)	Code / Comments
RRT16_F3106_01	Ciliata mustela, Five bearded rockling		
RRT16_F3106_02	Gadus morhua, Atlantic cod		
RRT16_F3106_03	Agonus cataphractus, Pogge		
RRT16_F3106_04	Merlangius merlangus, Whiting		
RRT16_F3106_05	Mullus surmuletus, Red mullet		
RRT16_F3106_06	Platichthys flesus, Flounder		
RRT16_F3106_07	Dicentrarchus labrax, Sea bass		
RRT16_F3106_08	Limanda limanda, Dab		
RRT16_F3106_09	Trisopterus luscus, Pouting		
RRT16_F3106_10	Blicca bjoerkna, Silver bream		
RRT16_F3106_11	Osmerus eperlanus, Smelt		TD: Spelling, should be <i>Osmerus eperlanus</i>
RRT16_F3106_12	Solea solea, Common sole		
RRT16_F3106_13	Pleuronectes platessa, Plaice		
RRT16_F3106_14	Clupea harengus, Herring		
RRT16_F3106_15	Callionymus lyra, Common dragonet		

EXERCISE DETAILS

Fish Reverse Ring Test (F-RR16)

Return Deadline - 20/05/25

Laboratory Code - F3107

Key to codes:

TE - Taxonomic error

TD - Taxonomic discrepancy

* - Problem taxa indicated

Specimen No.	Laboratory identification (scientific name; common name)	APEM identification (if different)	Code / Comments
RRT16_F3107_01	Syngnathus rostellatus, Lesser pipefish		
RRT16_F3107_02	Spinachia spinachia, Fifteen-spined stickleback		
RRT16_F3107_03	Taurulus bubalis, Long-spined sea scorpion		
RRT16_F3107_04	Gasterosteus aculeatus, Three-spined stickleback		
RRT16_F3107_05	Trachurus trachurus, Horse mackerel		
RRT16_F3107_06	Atherina presbyter, Sand smelt		
RRT16_F3107_07	Labrus bergylta, Ballan wrasse		
RRT16_F3107_08	Merlangius merlangus, Whiting		
RRT16_F3107_09	Lampetra fluviatilis, River Lamprey		
RRT16_F3107_10	Ammodytes tobianus, Lesser sand eel		
RRT16_F3107_11	Pollachius pollachius, Pollack		
RRT16_F3107_12	Trisopterus minutus, Poor Cod		
RRT16_F3107_13	Chelidonichthys lucernus, Tub Gurnard		TD: Spelling, should be <i>Chelidonichthys lucerna</i>
RRT16_F3107_14	Scophthalmus rhombus, Brill		
RRT16_F3107_15	Sprattus sprattus, Sprat		

EXERCISE DETAILS

Fish Reverse Ring Test (F-RR16)

Return Deadline - 20/05/25

Laboratory Code - F3108

Key to codes:

TE - Taxonomic error

TD - Taxonomic discrepancy

* - Problem taxa indicated

Specimen No.	Laboratory identification (scientific name; common name)	APEM identification (if different)	Code / Comments
RRT16_F3108_01	Scophthalmus rhombus, Brill		
RRT16_F3108_02	Glyptocephalus cynoglossus, Witch		
RRT16_F3108_03	Trisopterus luscus, Bib		
RRT16_F3108_04	Solea solea, Common sole		
RRT16_F3108_05	Lophius piscatorius, Monkfish		
RRT16_F3108_06	Micromesistius poutassou, Blue whiting		
RRT16_F3108_07	Scomber scombrus, Mackerel		
RRT16_F3108_08	Chelidonichthys lucerna, Tub Gurnard		
RRT16_F3108_09	Salmo trutta, Brown trout		
RRT16_F3108_10	Engraulis encrasicolus, Anchovy		
RRT16_F3108_11	Platichthys flesus, Flounder		
RRT16_F3108_12	Zeus faber, John Dory		
RRT16_F3108_13	Trachurus trachurus, Horse mackerel		
RRT16_F3108_14	Trisopterus esmarkii, Norway pout		
RRT16_F3108_15	Agonus cataphractus, Pogge		

EXERCISE DETAILS

Fish Reverse Ring Test (F-RRT16)

Return Deadline - 20/05/25

Laboratory Code - F3109

Key to codes:

TE - Taxonomic error

TD - Taxonomic discrepancy

* - Problem taxa indicated

Specimen No.	Laboratory identification (scientific name; common name)	APEM identification (if different)	Code / Comments
RRT16_F3109_01	Gasterosteus aculeatus, Three-spined Stickleback		
RRT16_F3109_02	Liza ramada, Thin-lipped Grey Mullet		TD: Accepted as <i>Chelon ramada</i>
RRT16_F3109_03	Pomatoschistus minutus, Sand Goby		
RRT16_F3109_04	Platichthys flesus, Flounder		
RRT16_F3109_05	Platichthys flesus, Flounder		
RRT16_F3109_06	Pomatoschistus minutus, Sand Goby		
RRT16_F3109_07	Clupea harengus, Herring		
RRT16_F3109_08	Dicentrarchus labrax, Sea Bass		TD: Spelling, should be <i>Dicentrarchus labrax</i>
RRT16_F3109_09	Sprattus sprattus, Sprat		
RRT16_F3109_10	Liza ramada, Thin-lipped Grey Mullet		TD: Accepted as <i>Chelon ramada</i>
RRT16_F3109_11	Dicentrarchus labrax, Sea Bass		TD: Spelling, should be <i>Dicentrarchus labrax</i>
RRT16_F3109_12	-		
RRT16_F3109_13	-		
RRT16_F3109_14	-		
RRT16_F3109_15	-		

EXERCISE DETAILS

Fish Reverse Ring Test (F-RR16)

Return Deadline - 20/05/25

Laboratory Code - F3111

Key to codes:

TE - Taxonomic error

TD - Taxonomic discrepancy

* - Problem taxa indicated

Specimen No.	Laboratory identification (scientific name; common name)	APEM identification (if different)	Code / Comments
RRT16_F3111_01	Gasterosteus aculeatus, 3-spined stickleback		TD: Spelling, should be <i>Gasterosteus aculeatus</i>
RRT16_F3111_02	Sprattus sprattus, Sprat		Damaged specimen
RRT16_F3111_03	Pomatoschistus pictus, Painted goby		
RRT16_F3111_04	Crenilabrus bailloni, Baillons wrasse		TD: Accepted as <i>Symphodus bailloni</i>
RRT16_F3111_05	Crenilabrus melops, Corkwing wrasse		TD: Accepted as <i>Symphodus melops</i> (damaged specimen)
RRT16_F3111_06	Pomatoschistus minutus, Common goby		
RRT16_F3111_07	Liza ramada, Thin lipped mullet		TD: Accepted as <i>Chelon ramada</i>
RRT16_F3111_08	Abramis brama, Common bream		
RRT16_F3111_09	Spondyliosoma cantharus, Black bream		
RRT16_F3111_10	Gobius niger, Black goby		
RRT16_F3111_11	Liza aurata, Golden grey mullet		TD: Accepted as <i>Chelon auratus</i>
RRT16_F3111_12	Pomatoschistus minutus, Sand goby		
RRT16_F3111_13	Atherina presbyter, Sand smelt		
RRT16_F3111_14	Engraulis encrasicolus, Anchovie		Damaged specimen
RRT16_F3111_15	Trisopterus luscus, Pouting		

EXERCISE DETAILS

Fish Reverse Ring Test (F-RR16)

Return Deadline - 20/05/25

Laboratory Code - F3112

Key to codes:

TE - Taxonomic error

TD - Taxonomic discrepancy

* - Problem taxa indicated

Specimen No.	Laboratory identification (scientific name; common name)	APEM identification (if different)	Code / Comments
RRT16_F3112_01	Chelon ramada, Thin-lipped mullet		
RRT16_F3112_02	Pleuronectes platessa, Plaice		
RRT16_F3112_03	Pleuronectes platessa, Plaice		
RRT16_F3112_04	Sprattus sprattus, Sprat		
RRT16_F3112_05	Sprattus sprattus, Sprat		
RRT16_F3112_06	Sprattus sprattus, Sprat		
RRT16_F3112_07	Clupea harengus, Herring		
RRT16_F3112_08	Clupea harengus, Herring		
RRT16_F3112_09	Scophthalmus rhombus, Brill		
RRT16_F3112_10	Platichthys flesus, Flounder		
RRT16_F3112_11	Pomatoschistus minutus, Sand goby		
RRT16_F3112_12	Pomatoschistus minutus, Sand goby		
RRT16_F3112_13	Gasterosteus aculeatus, 3-spined stickleback		
RRT16_F3112_14	Limanda limanda, Dab		
RRT16_F3112_15	Sprattus sprattus, Sprat		