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5. INDEX OF SCIENTIFIC AND VERNACULAR NAMES

Explanation of the System

- Italics* : Valid scientific names (genera and species)
- Italics* : Synonyms (genera and species), subspecies
- ROMAN** : Family names
- ROMAN : Scientific names of divisions, orders, suborders and subfamilies, classes, subclasses
- Roman : FAO names, vernacular and local

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<i>Merluccius albidus magnoculus</i>	18
<i>Merluccius angusticeps</i>	19
Merluccius angustimanus	15, 19-21, 39
<i>Merluccius argentatus</i>	32
Merluccius australis	21-23, 32, 36-37
<i>Merluccius australis australis</i>	22
<i>Merluccius australis polylepis</i>	20, 22, 31
Merluccius bilinearis	18-20, 24-25, 30
<i>Merluccius cadenati</i>	37-38
<i>merluccius cadenati, Merluccius</i>	37
<i>merluccius cadenati, Merlucius</i>	37
Merluccius capensis	20, 26-27, 35-36, 38, 41
<i>Merluccius capensis capensis</i>	26
<i>Merluccius capensis paradoxus</i>	35
<i>merluccius capensis, Merluccius</i>	26
<i>merluccius capensis, Merlucius</i>	26
<i>Merluccius esculentus</i>	32
Merluccius gayi	19, 21-22, 28, 30
<i>Merluccius gayi australis</i>	21
<i>Merluccius gayi gayi</i>	23, 28-29
<i>Merluccius gayi hubbsi</i>	21, 30
<i>Merluccius gayi peruanus</i>	28-29
<i>Merluccius gayi polylepis</i>	21
<i>Merluccius hernandezii</i>	19-21
Merluccius hubbsi	5, 20-21, 23, 25, 30-32 , 36-37
<i>merluccius hubbsi, Merluccius</i>	30
<i>merluccius lessepsianus, Merluccius</i>	33
<i>Merluccius linnei</i>	32
<i>Merluccius magnoculus</i>	18
Merluccius merluccius	20, 26, 32-33 , 40-41
<i>Merluccius merluccius cadenati</i>	37
<i>Merluccius merluccius capensis</i>	26

<i>Merluccius merluccius hubbsi</i>	30
<i>Merluccius merluccius lessepsianus</i>	33
<i>Merluccius merluccius merluccius</i>	33
<i>Merluccius merluccius paradoxus</i>	35
<i>Merluccius merluccius polli</i>	37
<i>Merluccius merluccius senegalensis</i>	40
<i>Merluccius merluccius smiridus</i>	33
<i>merluccius merluccius, Merluccius</i>	33
<i>Merluccius merluccius capensis</i>	26
<i>Merluccius paradoxus</i>	20, 26-27, 35 , 38
<i>merluccius paradoxus, Merluccius</i>	35
<i>Merluccius patagonicus</i>	20, 31, 36-37
<i>Merluccius polli</i>	20, 27, 35, 37-38 , 41-42
<i>Merluccius polli cadenati</i>	38, 41
<i>Merluccius polli polli</i>	38
<i>merluccius polli, Merluccius</i>	37
<i>merluccius polli, Merluccius</i>	37
<i>Merluccius polylepis</i>	21-22, 29
<i>Merluccius productus</i>	20, 39-40
<i>Merluccius senegalensis</i>	20, 26, 33, 38, 40-42
<i>merluccius senegalensis, Merluccius</i>	40
<i>Merluccius smiridus</i>	17, 32
<i>merluccius smiridus, Merluccius</i>	33
<i>Merluccius spp.</i>	20, 35, 41
<i>Merluccius vulgaris</i>	18, 24, 26, 32
<i>merluccius, Gadus</i>	17, 26, 32
<i>merluccius, Merluccius</i>	20, 26, 32-33 , 40-41
<i>merluccius, Merluccius merluccius</i>	33
Merluce	28, 34, 38
Merluce patagonienne	14
Merluchón	34
<i>Merlucius</i>	17
<i>Merlucius ambiguus</i>	32
<i>Merlucius capensis</i>	26
<i>merlucius capensis, Merluccius</i>	26
<i>Merlucius lanatus</i>	17, 32
<i>Merlucius merluccius cadenati</i>	37
<i>Merlucius merluccius capensis</i>	26
<i>Merlucius merluccius polli</i>	37
<i>Merlucius merluccius paradoxus</i>	35
<i>Merlucius paradoxus</i>	35
<i>merlucius paradoxus, Merlucius</i>	35
<i>Merlucius sinuatus</i>	32
<i>Merlus</i>	17
<i>Merlus gayi</i>	17, 28
Merluza	19, 21, 26, 30, 32, 34, 38, 40
Merluza argentina	31-32
Merluza atlántica	26
Merluza austral	21 , 24
Merluza azul	14
Merluza bajacalifornia	21
Merluza blanca	19
Merluza blanca de altura	18-19
Merluza bonaerense	32
Merluza chilena	30
Merluza común	30, 32
Merluza común chilena	30
Merluza de altura del Cabo	35-36
Merluza de Angola	38
Merluza de Benguela	37-38
Merluza de cantil	36
Merluza de cola	12 , 14
Merluza de cola de rata	14

Merluza del Cabo	26 , 28
Merluza del Pacífico norte	39-40
Merluza del Pacífico sur	28
Merluza del Senegal	41-42
Merluza del sur	24
Merluza española	24
Merluza europea	32
Merluza hoki	14
Merluza hubbsi	32
Merluza negra	38
Merluza norteamericana	24 , 26
Merluza norteamericana meridional	19
Merluza norteña	40
Merluza pacífica norteamericana	40
Merluza panameña	19 , 21
Merluza patagónica	36
Merluzón	24
<i>Micromesistius australis</i>	23
Morszczuk	34
Morszczuk angolanski	38
Morszczuk atlantycki	36
Morszczuk chilijski	30
Morszczuk kapski	28
Morszczuk senegalski	42
Morszczuk srebrzysty	26
MYCTOPHIDAE	19 , 23

N

Nasello atlántico	26
Nasello dei Chile	30
Nasello dei Pacífico	40
Nasello del capo	28
NEOPTERYGII	2
New England hake	26
New Zealand whiptail	14
Nordamerikanischer Seehecht	26
Nordpazifischer seehecht	40
North Pacific hake	1 , 39-40
<i>novaezelandiae magellanicus, Macruronus</i>	7, 10, 13, 23
<i>novaezelandiae novaezelandiae, Macruronus</i>	7, 10, 13
<i>novae-zelandiae, Coryphaenoides</i>	11-12
<i>novaezelandiae, Macruronus</i>	7 , 12-14 , 23
<i>novaezelandiae, Macruronus novaezelandiae</i>	7, 10, 13
Nyujirando-heiku	24

O

Offshore hake	19
Offshore silver hake	18-19
Offshore whiting	19
Ofushoa-heiku	19
<i>Onus</i>	17
<i>Onus guttatus</i>	32
<i>Onus riali</i>	17, 32
Oslic	30

P

Pacific hake	30, 40
Panama hake	19-21 , 39
<i>paradoxus, Merluccius</i>	20 , 26-27, 35 , 38
<i>paradoxus, Merluccius merluccius</i>	35
<i>paradoxus, Merluccius</i>	35
<i>paradoxus, Merluccius capensis</i>	35

<i>paradoxus</i> , <i>Merlucius merlucius</i>	35
Pasifik berlami	40
Patagonian hake	24, 36
Patagonian whiphake	14
patagonicus , <i>Merluccius</i>	20, 31, 36-37
Pazifikhecht	40
Peje palo	30
Peje-palo	30
<i>peruanus</i> , <i>Merluccius gayi</i>	28-29
Perunkummeliturska	30
Peruvian hake	30
Peruvian whiting	30
Pescada	28, 30, 34, 36, 38
Pescada africana	38
Pescada angolense	38
Pescada branca do Cabo	28
Pescada chilena	30
Pescada de Angola	38
Pescada do África do Sul	28
Pescada do Cabo	28
Pescada do Chile	30
Pescada do Pacífico	40
Pescada do Pacífico norte	40
Pescada do Panamá	21
Pescada do reino	28
Pescada do sudoeste africano	36
Pescada negra	42
Pescada prateada	26
Pescada prateada do alto	19
Pescadilla	30, 34
Pescadinha	34
Pijota	28
Pink cusk-eel	23
pinnatus , <i>Lyconus</i>	6-7, 9- 10
Pitillos	28
<i>polli cadenati</i> , <i>Merluccius</i>	38, 41
<i>polli polli</i> , <i>Merluccius</i>	38
polli , <i>Merluccius</i>	20, 27, 35, 37-38 , 41-42
<i>polli</i> , <i>Merluccius merluccius</i>	37
<i>polli</i> , <i>Merluccius polli</i>	38
<i>polli</i> , <i>Merluccius merluccius</i>	37
<i>Polydatus</i>	17
<i>Polydatus lucius</i>	17
<i>polylepis</i> , <i>Merluccius</i>	21-22, 29
<i>polylepis</i> , <i>Merluccius australis</i>	20, 22, 31
<i>polylepis</i> , <i>Merluccius gayi</i>	21
<i>productus</i> , <i>Gadus</i>	39
<i>productus</i> , <i>Merlangus</i>	39
productus , <i>Merluccius</i>	20, 39-40

R

<i>riali</i> , <i>Onus</i>	17, 32
<i>ruber</i> , <i>Gadus</i>	32

S

Seehecht	19, 30, 34, 36, 40, 42
senegalensis , <i>Merluccius</i>	20, 26, 33, 38, 40-41
<i>senegalensis</i> , <i>Merluccius merluccius</i>	40
Senegalese hake	38, 41-42
Shallow water Cape hake	26-28 , 38
Shallow water hake	28
Silberhecht	26
Silver hake	19, 24-26 , 30
<i>sinuatus</i> , <i>Merluccius</i>	32
<i>smiridus</i> , <i>Merluccius</i>	17, 32
<i>smiridus</i> , <i>Merluccius merluccius</i>	33
South African whiting	28
South Pacific hake	28-30
Southern blue whiting	23
Southern hake	1, 21 , 23-24, 32
<i>Steindachneria</i>	4
<i>Steindachneria argentea</i>	19
STEINDACHNERIIDAE	4
STEINDACHNERIINAE	4
Stockfish	28
Stockvisch heek	34
Stokvis	28, 36, 38
STOMIATOIDEI	19
<i>Stomodon</i>	17
<i>Stomodon bilinearis</i>	17, 24
Strap-tail	12

T

Tailed hake	14
<i>tasmaniae</i> , <i>Coryphaenoides</i>	12
<i>Trachinoides</i>	17
<i>Trachinoides maroccanus</i>	17, 32
TRICHIURIDAE	19
<i>throwbridgii</i> , <i>Homalopomus</i>	17, 39

U

Ugotica	26
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V

Vlakwater stokvis	28
<i>vulgaris</i> , <i>Merluccius</i>	18, 24, 26, 32

W

Whiptail	14
Whiting	24, 26, 28, 30, 40

Z

Zuidafrikaanseheek	28
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6. COLOUR PLATES

PLATE I

General appearance of two Merlucciidae representatives: *Macruronus* (subfamily: Macruroninae) and *Merluccius* (subfamily: Merlucciinae).

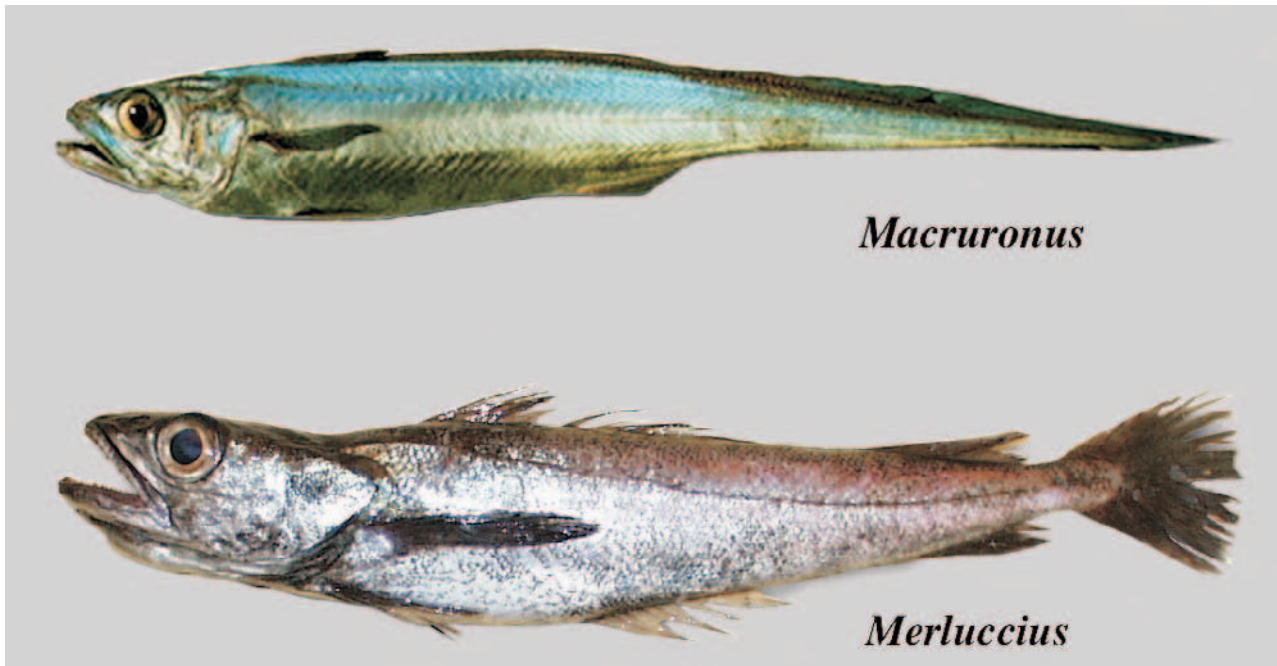


PLATE II

Details of two heads and general appearance of *Lyconus brachycolus* Holt and Byrne, 1906. Juvenile (A, B) and adult (C).

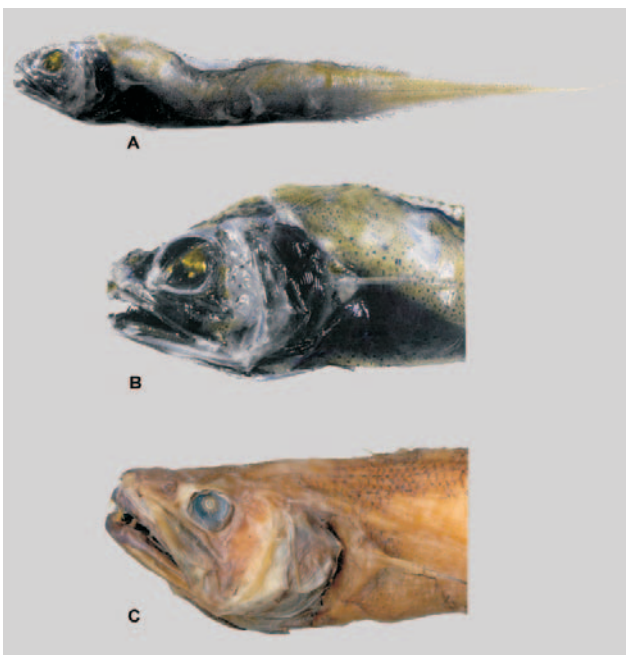


PLATE III

Details of *Merluccius merluccius* head, showing scale distribution, presence or absence of which has diagnostic value: 1) Nasal membrane; 2) Lacrimal; 3) Lower part of cheek; 4) Lower part of preopercular; 5) Lower part of interopercular. Scales always present on OP (opercular) and SO (subopercular).

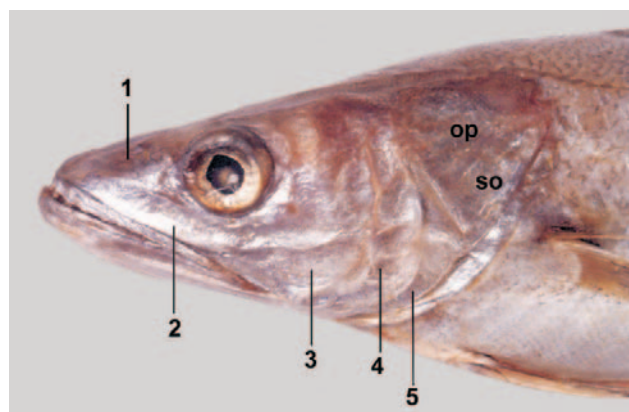


PLATE IV

Magnified details of the nasal membrane of genus *Merluccius*, showing anterior nasal orifice (circular) and posterior orifice (semicircular). **A)** with scales, characteristic of all species with a Euro-African distribution. **B)** No scales, characteristic of all American species.

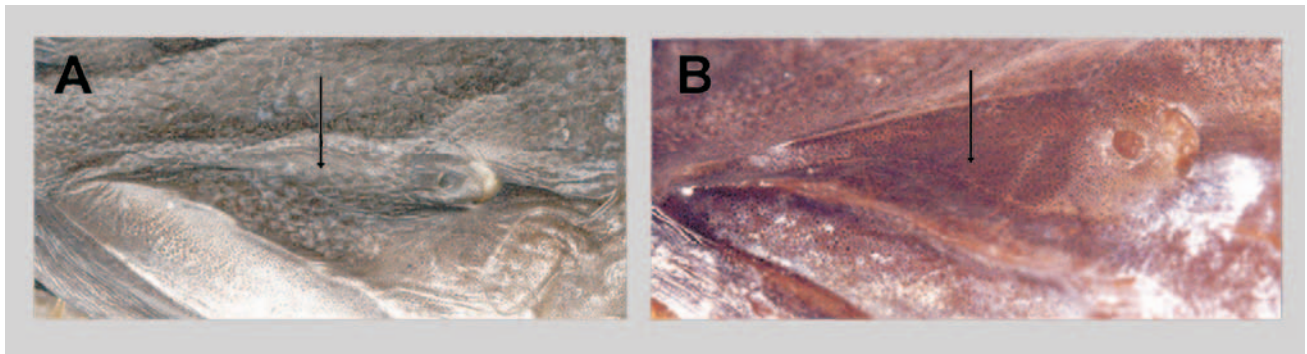


PLATE V

Details of *Merluccius* head, showing approximate position of hyomandibular and urohyal.

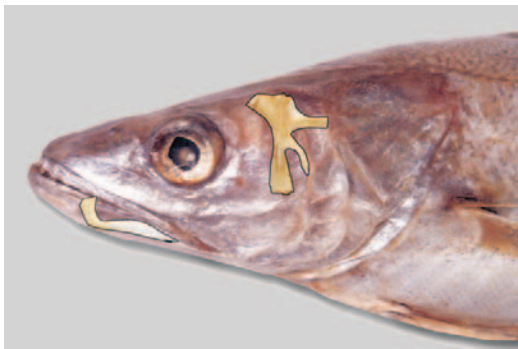


PLATE VI

Details of a *Merluccius* branchial arch and its different parts: 1) Epibranchial; 2) Ceratobranchial; 3) Hypobranchial; 4) Gillrakers; 5) Gill filaments.

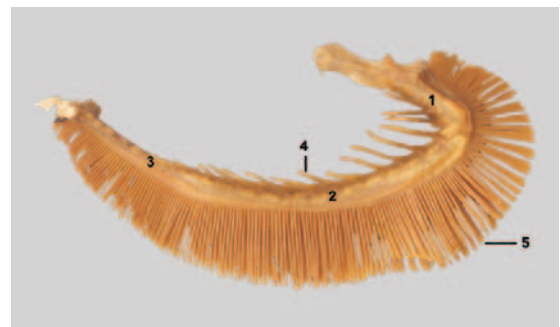


PLATE VII

Details of two otoliths (*sagitta*) of **A)** *Merluccius capensis* and **B)** *Merluccius patagonicus*, showing postrostrum shape (blunt and sharp, respectively).



PLATE VIII

Magnified detail of the different hyomandibular parts (*Merluccius patagonicus*), taken from a specimen from the Argentine Sea.

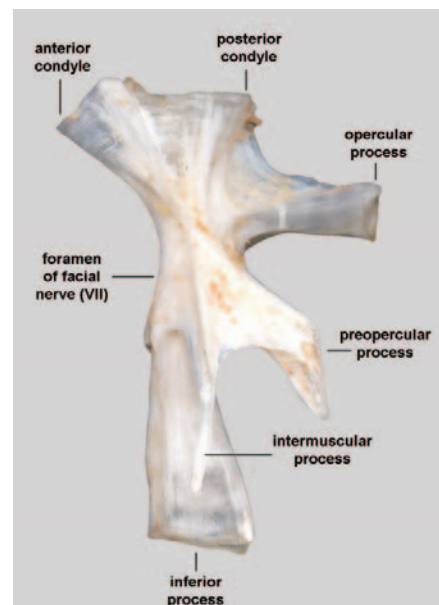


PLATE IX

Series of heads of species and subspecies of genus *Merluccius* showing different details of their general shape and the distribution of scales: **A)** *M. merluccius*; **B)** *M. senegalensis*; **C)** *M. polli cadenati*; **D)** *M. polli polli*; **E)** *M. capensis*; **F)** *M. paradoxus*; **G)** *M. bilinearis*; **H)** *M. albidus*; **I)** *M. hubbsi*; **J)** *M. patagonicus*; **K)** *M. productus*; **L)** *M. angustimanus*; **M)** *M. gayi*; **N)** *M. australis polylepis*; **O)** *M. australis australis*.

