



SALSEA-MERGE FP7-ENV-2007-1  
Grant Agreement No 212529

Work Package 4  
**Deliverables - D 4.2**

**Electronic data base of results of growth indices  
(D 4.2)**

(Month 28)

## Description of the database

This deliverable includes estimates of post-smolt growth, number of circuli laid down in the post-smolt zone of the scales and estimates of monthly growth indices during the post-smolt life of the 23,000 individuals of adult Atlantic salmon from seven rivers located in six countries (see subtask 4.2.4). These data were estimated from Deliverable D 4.1a, and the results are included in the same database as Deliverable D 4.1a, as eleven extra variables (indicated in red in Table D 4.2.1.). A description of the data and the associated parameters recorded for each fish are shown in Table D 4.2.1.

**Table D 4.2.1.** Description of the data and the associated parameters recorded for each fish in Deliverable D 4.2.

Field name	Data type	Description
REF	Number	Unique Sample identifier number
Country	Text	Key parameter in the database (string)
Country_Code	Number	Uniqe Country identifier number
River	Text	Key parameter in the database (string)
River2	Number	River name abbreviated to 3 characters
River_Code	Number	Unique River identifier number
Year of capture	Number	Key parameter in the database (integer)
Reference number	Number	Key parameter in the database (integer)
Alternative numbering	Number	Other kinds of numbering of the scale samples
Image name	Text	Name of the file of the image of the scale
Catch_date	Date	Capture date
Smolt_year	Number	Integer
Type	Number	1 = wild, 2 = escapee from farms, 3 = stocked fish, 4 = either 2 or 3, 999 = uncertain
Length	Number	Length in mm
Weight	Number	Weight in g
Sex	Number	Male = 1; female = 2
Smolt age	Number	Smolt age (integer). If uncertain, leave blank
Sea age	Number	Sea age (integer). If uncertain, remove the sample from the spreadsheet
Sea age2	Number	Sea age ("1+" are re classified as "1")
Comments	Text	Any comments relevant to the scale analysis
Freshwater growth	Number	Distance (in scale) from origo to the outermost freshwater circulus (including freshwater runout)
1SW	Number	Growth first year at sea (in scale)

2SW	Number	Growth second year at sea (in scale)
3SW	Number	Growth third year at sea (in scale)
4SW	Number	Growth fourth year at sea (in scale)
Scale radius	Number	Sum of Fw growth plus all Cs or Fw growth + 1SW + 2SW + 3SW + 4SW
Psg	Number	Post-smolt growth (estimated from Friedland's spreadsheet no. 1)
No_circuli_postsmolt	Number	Number of circuli in post-smolt phase (estimated from Friedland's spreadsheet no. 1)
Growth_Apr	Number	Growth in April (Estimated from Friedland's second spreadsheet)
Growth_May	Number	Growth in May (Estimated from Friedland's second spreadsheet)
Growth_Jun	Number	Growth in June (Estimated from Friedland's second spreadsheet)
Growth_Jul	Number	Growth in July (Estimated from Friedland's second spreadsheet)
Growth_Aug	Number	Growth in August (Estimated from Friedland's second spreadsheet)
Growth_Sep	Number	Growth in September (Estimated from Friedland's second spreadsheet)
Growth_Oct	Number	Growth in October (Estimated from Friedland's second spreadsheet)
Growth_Nov	Number	Growth in November (Estimated from Friedland's second spreadsheet)
Growth_Dec	Number	Growth in December (Estimated from Friedland's second spreadsheet)
C1	Number	Distance (in scale) between the last freshwater and first marine circuli
C2	Number	Distance (in scale) between the first and second marine circuli
C3	Number	Distance (in scale) between the x and y marine circuli
C4	Number	Distance (in scale) between the x and y marine circuli
C5	Number	Distance (in scale) between the x and y marine circuli
C6	Number	Distance (in scale) between the x and y marine circuli
C7	Number	Distance (in scale) between the x and y marine circuli
C8	....	....
C9	....	....
C10	....	....
C11	....	....

C12		
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