



THE Tweed
FOUNDATION

2010
ANNUAL REPORT
&
ACCOUNTS

A CHARITABLE COMPANY LIMITED BY GUARANTEE REGISTERED IN SCOTLAND UNDER NUMBER SC366380.
REGISTERED CHARITY NO. SC011055

ESTABLISHED BY THE RIVER TWEED COMMISSION TO PROMOTE THE DEVELOPMENT OF FRESHWATER FISH
STOCKS IN THE TWEED RIVER SYSTEM



CHAIRMAN'S REPORT ON 2010

I could write about the highlights of 2010:

- The record rod catch in 2010 of 23,219 salmon;
- Our director Nick Yonge's award from the Association of Rivers Trusts in England for his contribution to that organisation over many years;
- The discovery that caulds, which we always knew potentially impede the upward migration of fish, also significantly delay the downward migration of smolts, especially in low flows;
- The launch of our new whisky - Dalmore's Tweed Dram - from which Dalmore make a donation to The Foundation for every bottle sold;
- The continuing success of Tweedstart, now part of The Foundation, in introducing both young and not so young to the ecology of our rivers, their fish, the sport of fly fishing, and the other life in and around our rivers.

There are many others I could add to that list but instead I want to say something about the essentially undramatic, but incredibly valuable, monitoring and data collection work which goes on day in day out and information from which will stand our successors in good stead when looking at trends and in spotting when things are going wrong, but also for our current team in providing an early warning system which can dictate real time management decisions. The example I always quote is fry numbers in our spring spawning tributaries; we know what numbers there are now but were there many more in the 1950s and 1960s when spring runs predominated? If only work had been done then, we would have a benchmark to aim at.

So what is this work?

- Electro-fishing for fry numbers that is carried out on a rotational basis over 3 years on all our spawning tributaries and the resulting data examined and stored (this is a massive annual commitment on a system as large as the Tweed).
- Habitat enhancement work concentrated in Tweed's headwater which has also been plotted on our GIS system and is monitored regularly to ensure it is still effective (and repaired as necessary if damaged by floods).
- Run numbers through our 3 fish counters (Ettrick, Gala and Whiteadder) are monitored and require detailed analysis (to identify Salmon from trout and Sea-trout, and on the relatively new fish counter on the Whiteadder, analysis is also carried out to estimate the numbers of fish not travelling through the fish pass, to get an idea of the total run size).
- Regular predator bird counts are carried out and also stored electronically so that trends can be identified.
- Netting is carried out in the lower river to capture, tag and release fish so that run sizes can be estimated by monitoring proportionate recaptures by

the rods; tributary fish traps are also maintained, monitored and recorded daily not only to see the runs of fish going up to spawn, but also the adults and resulting juveniles coming down.

- Photographic monitoring data of the whole Tweed river system is now stored and, for instance, we will now be able to see how the river changes (e.g. gravel movement, and improvement/loss of suitable habitat) over time; this also allows more accurate assessment of spawning area and fish carrying capacity by accurate measurement of available river (rather than by simple estimate).
- Scale sampling work is carried out on a rolling basis all year round and the resulting data stored. Currently some of this data is being used for a genetics study that could revolutionise the way in which stock structure is identified. The Foundation has a huge bank of scale reading data going back 20 years and comprising some 22,000 scales.

These are just some examples of what amounts to an immense body of work which forms the basis of what our biologists do, often involving unsociable and weekend working, and which is essential so that we can take science-based management decisions now, and from which future generations of Tweed river managers will benefit.

As I write this report in mid August 2011, with a surprising number of multi-sea-winter fish in the River where normally we would have expected Grilse, there can be no clearer demonstration that things do change, and often quite quickly. We will never be able to control what happens to our fish in the sea, nor do we want to, but at least by gathering data over time we might be able to understand better aspects of their lives and whether these are a matter of concern or not.

A Douglas-Home (Chairman)



THE
DALMORE
SINGLE HIGHLAND MALT SCOTCH WHISKY

Creators of The Dalmore Tweed Dram
Tweed's bespoke malt whisky
tweeddram.com

One of the finest Salmon rivers in the world, the River Tweed flows majestically through the beautiful Borders countryside from its source high in the dramatic hills behind the small town of Moffat. The Tweed is at its most magnificent in the latter half of the year as the leaves begin to turn, the air gathers a chill, and the world-famous autumn Salmon run arrives.

In recognition of the tremendous Tweed, we have created a unique and limited availability expression of The Dalmore. Matured and married in American white oak and sherry wood from the world-famous sherry bodega of Gonzalez Byass, this is a rich and harmonious single Highland malt whisky.



Supporting The Tweed Foundation

To support and further their unceasing work, The Dalmore is making a generous donation to The Tweed Foundation from the sale of every bottle of The Dalmore Tweed Dram.

Where to find The Tweed Dram

In The Borders

Kelso	The Winehouse	01573 224614
Melrose	Rhymers Fayre	01896 823224
Peebles	The Peebles Whisky Shop	01721 721777

Online

Online Spirits	www.onlinespirits.co.uk
Gordon and Macphail	www.gordonandmacphail.com

The Tweed Dram is one of four expressions in The Dalmore Rivers Collection, a range of whiskies crafted in celebration and support of Scotland's great Salmon fishing rivers.



2010 ANNUAL REPORT & ACCOUNTS

E^ducation

Education and the transfer of objective knowledge and information about the many fisheries on Tweed are at the heart of all the Foundation's work. It works with many educational establishments and interested groups, including fishermen, and angling clubs and associations to achieve this. A list of public awareness events is shown at the end of this report.

T^weed Fisheries Management Plan

The Tweed Foundation's biological work is described in the Tweed Fisheries Management Plan, which is approved by the River Tweed Commission, it being the Regulatory body for Fisheries Management on the Tweed. A large part of the Foundation's work is to provide impartial advice to the Commission based upon the Plan. The full Plan is published on the Foundation's website. Each year the priorities of the Plan are agreed at a joint review meeting of the Directors of The Tweed Foundation and the Committee of the River Tweed Commission.

Fⁱsh Counters

A new Vaki fish counter was installed on the Whiteadder in September, with full funding provided by Ahlstrom's, the company that owns the associated weir and fish pass. 443 fish were counted through in 2010, but the main run was probably missed. As some fish can ascend the cauld and bypass the fish pass and counter, a camera is being installed to monitor this issue.

Unfortunately, for the first time a full count could not be completed for the Ettrick due to the existing and replacement fish counters both malfunctioning during the main migration run in October and November.

Given the high abundance of Salmon in the main river last autumn, the Gala fish counter surprisingly did not show any large increase in adult Salmon from 2009 to 2010 (1063 vs 1361 respectively). A longer data series is required to establish whether flow or temperature have a strong influence on the counter total for the Gala Water.

T^weed Trout & Grayling Initiative (TTGI)

2010 saw the TTGI's 5th year of monitoring of Brown-trout through angling catches with 60 catch log books being returned covering much of the Tweed system. Brown-trout catches varied between different areas. The 2010 Whiteadder catches were the best of the five years recorded. The Middle Tweed also had a good year

while oversize trout catches for the Upper and Lower Tweed were the lowest of the five years. However undersize trout catches were good for both.

For the second year running the TTGI, in collaboration with the Hawick Angling Club, ran a trout trap on a small trout spawning burn flowing into the Ale Water to assess the trout breeding population. The burn received a good run of both mature and immature Brown-trout as well as a very good run of Sea-trout.

The TTGI's monitoring of juvenile numbers in trout spawning burns is carried out as part of The Tweed Foundation's annual electro-fishing surveys. Although most burns produce high numbers of juvenile trout a few sites and burns do not. Such burns are then highlighted for more detailed investigation and, during 2010 habitat surveys, followed by restoration plan strategies were drawn up for several burns where poor results had been recorded during the 2009 survey.

Other TTGI studies continued during 2010 including fly life surveys, habitat monitoring and surveying, Grayling surveys, Brown-trout scale reading, and angler/angling surveys.

Geographical Information System (GIS)

GIS is the primary method of data and information management on Tweed. The output systems continue to be developed to speed up data retrieval and analysis, which feeds into the Tweed Fisheries Management Plan. The Tweed Foundation continues to work with the Scottish Fisheries Coordination Centre (SFCC), a representative organisation for Fisheries Trusts, District Salmon Fishery Boards and Scottish Government, which aims to improve the way in which data is collected for management of Salmon, Trout and other native fish species in Scotland. A particular benefit to The Tweed Foundation has been the development of a new online electro-fishing database while holds all electro-fishing records in the Tweed District.

Sea-trout Living North Sea Study

Through the Living North Sea (LNS) study, the river and sea distributions and migrations of the Sea-trout of the Tweed catchment are being studied so as to allow a properly informed management plan to be drawn up to ensure their sustainable exploitation in the future. This three-year study is part of a larger Northern European-wide project involving all the countries that surround the North Sea, all of whom are focused on fish migrations. It is planned to end in 2012. It is hoped that at the end of the programme a North Sea Sea-trout Management Group will be formed to continue this cooperation.

Signal Crayfish

The population of Signal Crayfish in the River Till, first discovered in 2007, continued to be monitored in 2010. The population continues to expand its range. The furthest downstream detection was at Heatherslaw Mill, near Ford Village, and upstream detection was at West Fenton, which is a range of 8 km.

Scale Reading

The ongoing programme of "reading" fish scales is part of a long-term commitment to understanding stocks of fish. There have been many large-scale changes in the characteristics of our fish stocks over the last 200 years and with scale-reading we have the chance of seeing such changes in detail and recognising them as they happen.

Tweed Traps

The Upper Tweed traps were run again, providing data on the way spawning fish can penetrate in to smaller burns as water levels vary - and also on how these can affect the ability of juvenile fish to leave. A trap on the Bewlie Burn, run with Hawick Angling Club, caught 18 Sea-trout heading up what is a very small, ditched, burn.

Exploitation Rate Tagging

While exploitation rates for autumn are now well established, tagging in September having started in 1997, rates for other runs / times of year are still needed. To find the rate for summer fish there has therefore been tagging every second Saturday from June to August, though recapture rates have been very variable. These tagging sessions are public events and are advertised on both the Paxton House website and our own.

Fry Indexing and Electro-fishing

The annual electro-fishing monitoring programme focused on the Teviot and Till catchments, which were revisited for the first time using the new timed electro-fishing method that was first adopted in 2007. The Till results were consistent with 2007, despite the two large flood events that were experienced in the intervening years. Poor numbers of Salmon Fry were still found upstream of the Haugh Head Cauld (Wooler Water) and Hedgeley Bridge (River Breamish).

The River Teviot results provided further evidence of the high productivity of its tributaries, in particular the Kale and Ale Waters. Of particular interest were the consistent increases in Salmon Fry numbers above the Slitrig rock shelf at Hawick and the Salmon Leap on the Kale Water, both of which are natural obstructions. This indicates that there were good flow conditions for adult fish passage into the tributaries in 2009.

Consultancy

The Foundation's expertise in providing impartial, biological monitoring advice is still much sought after and provides The Foundation with helpful income. Delivering efficient and good value biological survey facilities to developers and others on the River is important both to them and to the District generally by ensuring that only top quality information is used.

Predators

The Foundation continued to monitoring avian predators, particularly Cormorants and Goosanders, in the catchment and plans were started to develop this ongoing monitoring with the aim of distinguishing their effect on the different fish stock components, especially the spring run of Salmon.

TweedStart

TweedStart was officially incorporated into The Foundation during the year. It works closely with local primary and secondary schools in both the Scottish Borders and North Northumberland to introduce new anglers to fishing and promote the positive impact that angling has on the environment, as well as the local economy. Local events were attended introducing additional children and adults to angling including a joint venture between TweedStart and Lothian & Borders Police.

In 2010 TweedStart delivered 17 educational days and participated in 2 public events throughout the Scottish Borders and North Northumberland. Over 395 children attended the educational days from 16 different Primary and additional needs schools in the area. TweedStart also participated in the Border Union Show, the Floors Mass Pipe Band Day and an angling open day at the Kailzie Fishery, Peebles. A further 550+ children, and adults, were introduced to angling through TweedStart's participation in these events.

Water Temperatures

Water temperatures are being monitored in the burns with trout traps: such upland locations are likely to show the greatest changes with climate warming.

Genetics

Salmon juvenile and adult samples have been contributed to the national FASMOP programme and have been used to help develop a "chip" for rapid analyses of salmon genetic samples. Once this tool is developed and proved, it should provide a rapid method of working out the genetic structuring of Tweed and other salmon stocks.

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Further detail and in-depth reports on The Tweed Foundation's current areas of work can be accessed at:

www.tweedfoundation.org.uk

THE TWEED FOUNDATION LIMITED
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STATEMENT OF FINANCIAL ACTIVITIES
(incorporating the Income & Expenditure Account)
FOR THE YEAR ENDED 31ST DECEMBER 2010

	Unrestricted Funds	Restricted Funds	Year Ended 31/12/10 Total	Period Ended 31/12/09 Total £
	£	£		
Incoming Resources				
<i>Incoming resources from generating funds:</i>				
Voluntary income	156,296	-	156,296	-
Investment income	8,796	-	8,796	-
Incoming resources from charitable activities	43,290	112,368	155,658	-
Other incoming resources	592,040	(11,825)	580,215	-
Total Incoming Resources	800,422	100,543	900,965	-
Resources Expended				
<i>Costs of generating funds:</i>				
Costs of generating voluntary income	4,414	1,121	5,535	-
Investment management costs	3,393	-	3,393	-
Charitable activities	242,624	91,212	333,836	-
Total Resources Expended	250,431	92,333	342,764	-
Net Incoming/(Outgoing) Resources Before Transfers	(42,049)	20,035	(22,014)	-
Transfer between funds	(25,013)	25,013	-	-
Net Incoming/(Outgoing) Resources for the year	(67,062)	45,048	(22,014)	-
Realised gains on disposal of investment assets	2,913	-	2,913	-
Net income/(expenditure) for the year	(64,149)	45,048	(19,101)	-
Other recognised gains and losses				
Unrealised gains on revaluation of investment assets	52,999	-	52,999	-
Net movement in funds	580,890	33,223	614,113	-
Total funds brought forward	-	-	-	-
Total funds carried forward	580,890	33,223	614,113	-

THE TWEED FOUNDATION LIMITED
INCOME & EXPENDITURE ACCOUNT
FOR THE YEAR ENDED 31ST DECEMBER 2010

2009		£	£	2010
£	INCOME			£
12,859	Donations			12,488
14,163	Annual Memberships			12,873
<u>129,000</u>	Contribution from River Tweed Commission			<u>130,935</u>
156,022				156,296
10,357	Income from UK listed investments		8,430	
<u>135</u>	Bank interest receivable		<u>366</u>	8,796
42,325	Project Grants			108,978
24,904	Income from Tweed Auction			22,558
1,043	Tweedline: Net income		766	
19,072	R.A.F.T.S.		9,038	
2,345	Wheelyboat income		3,390	
23	Miscellaneous income		20	
9,388	Consultancy & Education		<u>10,908</u>	
				<u>24,122</u>
<u>265,614</u>	Total Income			<u>320,750</u>
	EXPENDITURE			
	Public Relations, Publications, Etc.			
786	Wheelyboat costs	1,121		
2,097	Cost of publications	2,525		
<u>2,176</u>	Shows, displays & hospitality	<u>1,889</u>		
5,059			5,535	
	Scientific Staff			
68,188	Salaries & other costs	68,415		
13,350	Motor expenses	15,782		
178	Library & Photographic expenses	222		
<u>3,819</u>	Equipment costs	<u>2,358</u>		
85,535			86,777	
	Research & Conservation			
4,930	Research projects	6,225		
46,834	Project costs	110,010		
2,099	Fish traps	-		
4,189	Repairs & replacements, etc.	5,780		
<u>21,045</u>	Habitat maintenance & repairs	<u>21,587</u>		
79,097			143,602	
	Management & Office Costs			
72,569	Professional costs & fees	63,951		
3,177	Investment manager's fees	3,393		
3,339	Postage, Stationery & Telephones	3,021		
11,144	Office costs	11,571		
3,083	Office equipment	230		
1,104	Sundry office costs	1,261		
1,011	Meeting & travel costs	1,603		
2,194	I.T. costs	3,763		
<u>3,563</u>	Subscriptions & other contributions	<u>3,592</u>		
101,184			92,385	
	Depreciation			
2,756	Equipment	8,501		
<u>1,735</u>	Motor vehicles	<u>5,964</u>		
4,491			14,465	
<u>275,366</u>	Total Expenditure			<u>342,764</u>
(9,752)	Current Year Surplus/ (Deficit)			(22,014)
	Adjustment For Realised Capital Investment Gains:			
<u>(29,372)</u>	Gains/(Losses) on realisation of investments			<u>2,913</u>
(39,124)	Total Net Reportable (Deficit) Including Realised Capital Investment Gains			(19,101)
88,777	Unrealised (Loss) on Revaluation of Investments			52,999
<u>49,653</u>	Total Losses Recognised Since Last Trustees' Report			<u>33,898</u>

THE TWEED FOUNDATION LIMITED
A company limited by guarantee

BALANCE SHEET
FOR THE YEAR ENDED 31ST DECEMBER 2010

<u>2009</u>		<u>£</u>	<u>£</u>
	Fixed Assets		
	- Tangible Assets		29,656
	- Investments		<u>479,842</u>
	-		<u>509,498</u>
	Current Assets		
	- Debtors	37,569	
	- Cash at bank & in hand	<u>88,563</u>	
	-	126,132	
	- Creditors: Amounts falling due within one year	<u>(11,208)</u>	
	- Net Current Assets/(Liabilities)		<u>114,924</u>
	- Total Assets Less Current Liabilities		624,422
	- Accruals and Deferred Income		(10,309)
	- Net Assets/(Liabilities)		<u>614,113</u>
	Funds		
	- Restricted Income Funds		33,223
	<i>Unrestricted Income Funds:</i>		
	- Unrestricted income funds		527,891
	- Revaluation reserve		52,999
	- Total unrestricted income funds		580,890
	- Total Funds		614,113

EXTRACT FROM THE 2010 ACCOUNTS

The financial information set out on these pages has been extracted from The Tweed Foundation Limited's full audited accounts, on which the auditors, Rennie Welch, reported without qualification.

Copies of the full audited accounts are available on request.

Note

The following Income & Expenditure Account does not form part of the new Company's accounts. The comparative figures shown for 2009 relate to The Tweed Foundation when governed by a Trust Deed, i.e. before incorporation. The figures are therefore included for information only and should be considered as such.

RAISING PUBLIC AWARENESS

Presentations given and Seminars & Conferences attended by The Tweed Foundation during 2010

Berwick & District Angling Association	13 January 2010	Presentation to the Association's AGM on Foundation's work
Gala Angling Association	21 January 2010	Presentation on the Tweed Trout & Grayling Initiative's progress to the Club's AGM
Seminar for Tweed Boatmen	21 January 2010	Update on Tweed work, and discussions on River issues
Scottish Fly Fishing teams	24 January 2010	Presentation on the Foundation's work with Trout
Oddfellows Anglers, Alnwick	2 February 2010	Presentation on the work of the Tweed Trout & Grayling Initiative
Whiteadder Angling Association	3 February 2010	Presentation on the Tweed Trout & Grayling Initiative's progress
Scottish Fisheries Co-Ordination Centre	17 & 18 February 2010	Presentation and discussion of Tweed's electro-fishing techniques at an SFCC Biologists' meeting in Perthshire
University of the Third Age GAIA Guiding Instructors' Day, Tweedwood	22 February 2010 13 March 2010	Presentation on the Foundation's work Invertebrate demonstration and sampling for instructors' training day
Living North Sea Sea-trout Project, Ghent, Belgium	24 - 26 March 2010	Official launch of the Project and international Partners' meetings, of which The Tweed Foundation is one
South West Rivers Association, Launceston, Cornwall	27 April 2010	Presentation on Fisheries Management
Jedburgh Rotary Club	22 April 2010	Presentation on the Tweed Trout & Grayling Initiative
TweedStart Day*, Springwood Park, Kelso	30 April 2010	TweedStart Educational Day for Borders Schools prior to main Tweed Angling Fair
TweedStart Day*, Roxburghe Ponds	12 May 2010	Invertebrate identification training and Tweed entomology introduction for Melrose Primary School
TweedStart Day*, Roxburghe Ponds	14 May 2010	Invertebrate identification training and Tweed entomology introduction for Morebattle &

TweedStart Day*, Roxburghe Ponds	18 May 2010	Yetholm Primary Schools Invertebrate identification training and Tweed entomology introduction for Lauder Primary School
TweedStart Day*, Roxburghe Ponds	20 May 2010	Invertebrate identification training and Tweed entomology introduction for the Wilton Special Needs Centre, Hawick
TweedStart Day*, Roxburghe Ponds	21 May 2010	Invertebrate identification training and Tweed entomology introduction for Cornhill & Norham Primary Schools
Jedburgh Rotary Club Kids' Day	22 May 2010	Tweed Trout & Grayling Initiative provided invertebrate identification tuition for the Club's children's angling day at Hass Lochs, Jedburgh
TweedStart Day*, Roxburghe Ponds	26 May 2010	Invertebrate identification training and Tweed entomology introduction for Edenside Primary School, Kelso
TweedStart Day*, Roxburghe Ponds	28 May 2010	Invertebrate identification training and Tweed entomology introduction for Melrose Primary School
TweedStart Day*, Roxburghe Ponds	1 June 2010	Invertebrate identification training and Tweed entomology introduction for Edenside Primary School, Kelso
TweedStart Day*, Roxburghe Ponds	2 June 2010	Invertebrate identification training and Tweed entomology introduction for Drumlanrig Primary School, Hawick
TweedStart Day*, Roxburghe Ponds	7 June 2010	Invertebrate identification training and Tweed entomology introduction for Burnfoot Primary School, Hawick
TweedStart Day*, Roxburghe Ponds	8 June 2010	Invertebrate identification training and Tweed entomology introduction for Berwick Primary School
TweedStart Day*, Roxburghe Ponds	9 June 2010	Invertebrate identification training and Tweed entomology introduction for Wilton Primary School, Hawick
Children's Countryside Day, Glendale Showground, Wooler	10 June 2010	Environment Day for North Northumberland Schools with 1,500 children aged 5 - 9 attending; Tweed Foundation stand focussing

TweedStart Day*, Roxburghe Ponds	15 June 2010	on an aquarium and local fish species identification Invertebrate identification training and Tweed entomology introduction for Stirches Primary School, Hawick
Boatmen's Electro-fishing Day	16 June 2010	Demonstration day for Tweed boatmen at on the Leader at Drygrange and in the Leader's headwaters on the Kelphope Burn
TweedStart Day*, Roxburghe Ponds	18 June 2010	Invertebrate identification training and Tweed entomology introduction for Stirches Primary School, Hawick
Tweed Benefactors' Day, Norham	18 June 2010	Presentation on the Living North Sea project and electro-fishing for Lamprey at Norham for the Foundation's Benefactors
TweedStart Day*, Roxburghe Ponds	21 June 2010	Invertebrate identification training and Tweed entomology introduction for Denholm Primary School
TweedStart Day*, Roxburghe Ponds	23 June 2010	Invertebrate identification training and Tweed entomology introduction for Broomlands Primary School, Kelso
Boatmen's Electro-fishing Day	1 July 2010	Demonstration day for Tweed boatmen at on the Leader at Drygrange and in the Leader's headwaters on the Kelphope Burn
Northumberland Fly Dressers' Guild	20 July 2010	Presentation on the Foundation's work and the Tweed Trout & Grayling Initiative to the Guild in Morpeth, Northumberland
Border Union Show, Kelso	30 & 31 July 2010	Stand at Show including very popular interactive quiz for children and opportunity to Come & Try Fly: casting with the TweedStart programme
Electro-fishing Demonstration	25 August 2010	Electro-fishing demonstrations for Morebattle & Yetholm Primary Schools on the Kale & Bowmont Waters
TweedStart Event at Floors Castle, Kelso	28 August 2010	Offering children the chance to experience fly casting, as part of the Massed Pipe Bands day at Floors Castle, Kelso
Living North Sea Sea-trout Project, Groningen, The Netherlands	23 & 24 September 2010	International partners meetings for the Living North Sea project

Salmon Viewing Centre, Philiphaugh	9 & 10 October 2010	Open Weekend at Philiphaugh, Selkirk. Foundation on-hand to talk about the Ettrick fish counter in the cauld at Philiphaugh
SAC Greycrook College	27 October 2010	Talk at and about the Maxton fish trap to students from the Countryside course at St Boswells
Edenside Primary School, Kelso	24 November 2010	Talk to the children at the school about river invertebrates and the work of the Tweed Trout & Grayling Initiative

*TweedStart is a non-profit making initiative with a remit to introduce all ages and social backgrounds to fly fishing. TweedStart makes people, especially the young, aware of the importance of good habitat management and the environmental considerations in sustaining healthy river systems as well as the art of fishing. TweedStart has provided opportunities to, for example: angling clubs, those with access difficulties, women, children's organisations, the over fifty-fives, and has featured at local events such as the Border Union Show. It works closely with the education sector by integrating the project into the curriculum in primary and secondary schools throughout the Tweed Catchment. Local schools host the TweedStart Roadshow and enjoy field trips to the TweedStart Teaching Centre where they learn about all aspects of fly fishing and environmental education in a waterside environment. The Tweed Foundation actively supports TweedStart to the extent that it promotes environmental education and the objectives of The Tweed Foundation. The Tweed Trout and Grayling Biologist, Kenny Galt, currently allocates approximately 20% of his time towards the TweedStart educational programme in respect of the fly-life and the natural history of Tweed, which is a key element of TweedStart.

THE TWEED FOUNDATION
OBJECTIVES FOR 2011

Key Objectives for 2011

- Education
To continue educational meetings and production of publications explaining the work of the Foundation to a wide audience.
- Tweed Trout & Grayling Initiative
To continue the wild trout and grayling initiative on Tweed, working with Angling Clubs to develop sustainable management plans for trout and grayling.
- Fish Counters
To operate and to analyse the data of two existing fish counters on the River Ettrick and Gala Water and to assist with the installation of a third of the River Whiteadder.
- Geographical Information System (GIS)
To continue using GIS as the prime method of data and information management and retrieval on Tweed. To extend and improve the output systems from the GIS to speed up data retrieval and analysis to improve inputs to the management work as a whole.
- Tweed Sea-trout
Through the Living North Sea programme, to work out the river and sea distributions and migrations of the Sea-trout of the Tweed catchment to allow a properly informed management plan to be drawn up to ensure their sustainable exploitation in the future.
- Exploitation
To continue to estimate the level of exploitation of Salmon and Sea-trout in Tweed by netting and tagging fish & exploring new techniques to do this.
- Tweed Traps
To continue monitoring the fish traps on Tweed to understand the population dynamics and relationships between Brown Trout and Sea-trout and their connections with their environments.
- Fry Indexing and Electro-fishing
To continue the fry indexing on the tributaries. The 2011 surveys will be on the Whiteadder, Eye, Leet and Eden. The coastal burns outside the Tweed catchment but inside the Fisheries District will be surveyed for the first time.
- Scale Reading
To continue a programme reading scales of Salmon, Sea-trout and Brown Trout, developing the identification of fish population structures in Tweed. To develop databases to hold information and from which to produce analyses and reports.

- **Water Temperatures**
To continue monitoring water temperatures at key points within the catchment.
 - **Consultancy**
To continue to deliver efficient and good value biological survey facilities to developers and others on the River.
 - **St Mary's Loch**
To continue involvement with the Selkirk Flood prevention programme with includes the regulation of water flows from St Mary Loch and therefore includes improved fish passage.
 - **Predators**
To continue monitoring predators in the catchment. To develop techniques to improve the accuracy of population estimates in the District and to estimate predation on specific fish stock components.
 - **Signal Crayfish**
To complete work with the University of Newcastle to monitor invasive signal crayfish and to investigate control methodology. To investigate a feasibility plan to eradicate crayfish from the Whiteadder stank where they have been identified.
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THE TWEED FOUNDATION

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web: www.tweedfoundation.org.uk
Company No. SC366380
Registered Charity No. SC011055

TRUSTEES & STAFF [at September 2011]

TRUSTEES

Andrew Douglas-Home (Chairman)
David H Baxendale
Ian Currie
Lord Joicey
Jennifer J Lovett (Treasurer)
Richard J Onslow
The Duke of Roxburghe
John P H Scott
Allan Virtue
Professor Roger J Wheeler

FOUNDATION STAFF

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Dr Ronald N B Campbell (Biologist)
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THE TWEED FOUNDATION

VISIT THE TWEED WEBSITES

www.tweedfoundation.org.uk

Information, reports, the Tweed Fisheries Management Plan, seminar alerts, auction brochures and scientific papers on the Tweed Foundation's work.

www.ttgi.org.uk

Information relating to the Tweed Trout & Grayling Initiative (TTGI). Newsletters, current studies being undertaken, Log Book downloads and more.

www.tweedstart.org.uk

Information on the TweedStart project - introducing all ages and social backgrounds (with a special emphasis on children and young people) to fly fishing, entomology and general river conservation on Tweed.

www.rtc.org.uk

The River Tweed Commission's website. Features Angling Codes, Annual Reports and other legislative information relating to the River.

www.rivertweed.org.uk

Our Tweed News site. Includes regular updates on fish counters, current items of interest from both The Tweed Foundation and the River Tweed Commission, reports on other topics of interest and concern to Tweed and a 'Biologist's Blog' spot.

www.fishtweed.org.uk

Tweed's main fishing lets website, also providing up-to-date information on river levels, catches, Trout fishing and Wheelyboat bookings. This site is run by the Tweed Rivers Fisheries Association.



Tweedline

Tweedline telephone numbers:

Information & Prospects 09060 400 410

Daily River Levels 09060 400 411

Calls cost £1.53 per minute from a BT Landline (other network and mobile costs may vary). Profits from your call will go to the Tweed Foundation in support of its work to help preserve Tweed fish stocks. Service provided by the Tweed Foundation at Drygrange Steading, Melrose, Roxburghshire, TD6 9DJ.

The Tweed Foundation's work is part-financed by:



~RTC~



In addition, The Tweed Foundation is very grateful to Tweed fishery proprietors, the local Angling Associations, and many others for their financial assistance with our projects.

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