



Programme LIFE + Alose
LIFE09 NAT/DE/000008



International symposium on restoration and conservation of shads

October 14th and 15th, 2015

Auditorium, Espace François Mitterrand, 23 boulevard Henri Sicard

24100 **Bergerac** (Dordogne, France)

The international symposium on study, restoration and management of shads held on October the 14th and 15th 2015, in Bergerac (France). More than a hundred people came to attend the feedback from the LIFE+ project for restoration of the Allis shad on the Rhine (2011-2015), a report on current knowledge about this fascinating species, and also attend the presentation of other research works conducted in the whole world.

Agenda



Landesamt für Natur,
Umwelt und Verbraucherschutz
Nordrhein-Westfalen



Bezirksregierung
Düsseldorf



www.lifealose2015.com

Agenda

Wednesday, October 14th, 2015

Reception and introduction

9h00 **Reception**

9h30 **Introductory speech**

Frédéric DELMARES

Vice-Président du Conseil Départemental de la Dordogne, Vice-Président de la Communauté d'Agglomération de Bergerac, Administrateur d'EPIDOR et représentant de Germinal PEIRO, président d'EPIDOR.

Detlev INGENDAHL

Ministry of environment of Rhineland North Westphalia.

10h15

Shads in the world – State of the Allis shad and conservation issues *Miran APRAHAMIAN (ex Environment Agency, UK)*

Session 1 : Results of the Life+ Allis shad project

(Chairman : Detlev INGENDAHL)

10h45

General presentation of the LIFE+ project

Andreas SCHARBERT (Rhenish Fisheries Federation, Germany)

11h **Break**

Part 1 : Report of the stocking operation in the Rhine

11h30

Larvae production on the Garonne–Dordogne bassin and releasing in the Rhine *David CLAVE (MIGADO, France)*

11h45

Survey in the Rhine watershed

Andreas SCHARBERT (Rhenish Fisheries Federation, Germany)

12h00

Ex situ stock in Aquarium La Rochelle – Rearing and sexual maturation results *P. JATTEAU, S. DUFOUR, P. MORINIERE, S. BALOCHE, F. GONNET (IRSTEA and MNHN, France)*

Part 2 : Studies on the Gironde-Garonne-Dordogne Allis shad population

12h10

Young of the year survey on Garonne and Dordogne

Aline CHAUMEL (SMEAG, France)

12h20

Behavior of shad migrating upstream at the obstacles of Golfech, Bergerac and Tuilières on the Garonne and Dordogne

Olivier GUERRI, Pascal VERDEYROUX (EPIDOR, France)

12h30 **Questions**

13h00 **Lunch on site**

Session 2 : State of the science

(Chairman : Miran APRAHAMIAN)

Subject 1 : Migration issues

14h30

State of the knowledge on fish ladder for American shad in the USA *François GROUX and Jean THERRIEN (WSP, Canada), Matthieu CHANSEAU and Dominique COURRET (Onema, France) and Stéphane TETARD (EDF, France)*

14h50

Migration barriers : the french approach and the case of the Dordogne river *Dominique COURRET (Pôle Ecohydraulique de l'ONEMA, France) et Matthieu CHANSEAU (ONEMA, France)*

15h10

Migration of the Allis shad in estuary and impact of the Estuarine Turbidity Maximum. Acoustic telemetry in the Loire estuary during 2011 and 2012.

Stéphane TETARD (MNHN et EDF, France), Eric FEUNTEUN (MNHN), Elise BULTEL (MNHN), Romain GADAIS (MNHN et INRA), Marie-Laure BEGOUT (IFREMER), Thomas TRANCART (MNHN) et Emilien LASNE (MNHN, INRA)

Subject 2 : Habitats

15h30

Features and functionality of spawning habitats

Isabelle CAUT (MIGADO, France), Matthieu CHANSEAU (Onema, France) and Dominique COURRET (Pôle Ecohydraulique of the Onema, France)

15h50

Oxygen and temperature effects on development of eggs, larvae and young of shad

Philippe JATTEAU and Patrick LAMBERT (IRSTEA, France)

16h05 **Questions**

16h30 **Break**

Subject 3 : News tools for population management

17h00

Wandering and phylopatric of the Allis shad, crossed contributions of genetics and otolith microchemistry *Françoise DAVERAT (IRSTEA, France)*

17h15

Genetics tools : state of the science and prospect

Stephen SABATINO, Paulo ALEXANDRINO (University of Porto, Portugal)

17h30 **Questions**

18h00 **End**

20h00 **Conference-dinner « Fishes of the Dordogne river – Historical approach of fisheries and consumption »**

Yan LABORIE (Bergerac city)

Orangerie room

Thursday, October 15th, 2015

9h00 **Reception**

Session 3 : Other examples of shads management in the world

(Chairman : Jean-Michel CARDON, ONEMA)

9h30

The restoration plan of the American shad of the Susquehanna river : assessment and prospect
Chris FRESE (Kleinschmidt Group, USA)

10h00

The restoration plan project on the Severn river
Charles CRUNDWELL (Environment Agency, UK)

10h20

The shads in Portugal
Pedro RAPOSO DE ALMEIDA (University of Evora, Portugal)

10h45 **Break**

11h15

The Twaite shad in Europe : situation and conservation issues
Miran APRAHAMIAN (ex Environment Agency, UK)

11h30 **Questions**

12h15 **Conclusions**

Hervé BLUHM, Directeur Inter-régional ONEMA

Benoît WIBAUX, Délégué adjoint Agence de l'Eau Adour-Garonne

Detlev INGENDAHL, Ministry of environment of Rhineland North Westphalia.

Frédéric DELMARES, Vice-Président du Conseil Départemental de la Dordogne, Vice-Président de la Communauté d'Agglomération de Bergerac, Administrateur d'EPIDOR et représentant de Germinal PEIRO, président d'EPIDOR.

12h30 **End**

EXCURSIONS

14h00 - Discover of the Dordogne and shad spawning grounds in Gabarre



16h00 - Visit of the EDF dam of Tuilières



18h00 End of the symposium