ICAR 2008

ANIMAL FIBRE WORKING GROUP UPDATE

2007

ICAR Executive Board approved the new “Animal Fibre” TASK FORCE currently WORKING GROUP
ACTIVITIES

1. Defined the Working Group and the Terms of Reference
2. Participation in the International Conference “The wool roads” to be held in Italy (University of Camerino) on 12 October 2007
3. Drafting of an ICAR official document for the definition of the instruments and methods for Alpaca breeding identification
4. Drafting of an ICAR official document on the standard definition of correct methods of Alpaca fibre harvesting and grading
5. ICAR Animal Fibre Working Group Promotion in Alpaca fibre-producing countries (Peru, Bolivia, Australia, Europe, USA etc.)

Working Group

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<tr>
<th>Name</th>
<th>Country</th>
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<tr>
<td>Marco ANTONINI</td>
<td>ITALY</td>
<td>ENEA Dpt. of Biotech, Agro-industry and Health Protection</td>
<td>Research Centre</td>
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<tr>
<td>LOU Yujie</td>
<td>CHINA</td>
<td>Jilin Agricultural University Faculty of Animal Science and Technology</td>
<td>University</td>
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<tr>
<td>Claudio TONIN</td>
<td>ITALY</td>
<td>CNR – Biella Italian National Research Council Institute for Macromolecular Studies</td>
<td>Research Centre</td>
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<tr>
<td>Hugh GALBRAITH</td>
<td>UK</td>
<td>University of Aberdeen School of Biological Sciences</td>
<td>University</td>
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<td>Oscar TORO</td>
<td>PERU</td>
<td>DESCO (ICAR Member)</td>
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<td>Eduardo FRANK</td>
<td>ARGENTINA</td>
<td>Catholic University of Cordoba</td>
<td>University</td>
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<td>Moises ASPARIN</td>
<td>PERU</td>
<td>MICHELL Group</td>
<td>Enterprise</td>
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<td>Malcolm FLEET</td>
<td>AUSTRALIA</td>
<td>SARDI Research Scientist (Wool)</td>
<td>Research Company</td>
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<tr>
<td>Fabrizio CASTAGNETTI</td>
<td>ITALY</td>
<td>ERMENEGILDO ZEGNA Group</td>
<td>Enterprise</td>
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Terms of Reference

1. **Monitor the correct Alpaca identification methods and the availability of new development instruments.**
2. **Contribute to the definition and homogenization of the correct methods of Alpaca fibre harvesting and grading.**
3. Contribute to the definition of objectives and criteria of Alpaca fibre selection programmes worldwide.
4. Contribute to adequate analytical performance quality for Alpaca fibre recording purposes worldwide.
5. Monitor the development of reference documents and standards on methods of Alpaca fibre analysis and quality assurance in laboratories, applicable to animal fibre recording.
Terms of Reference

6. Maintain a frame for analytical quality assurance of Alpaca fibre testing laboratories through recommendations to ICAR member organisations and an international network of reference laboratories.

7. Monitor the development of laboratory devices for Alpaca fibre analysis of interest to fibre recording and equipment related to fibre recording analysis. For this term, the ICAR Alpaca Working Group should keep contact with textile manufacturers.

8. Establish and maintain liaisons with International Organizations / bodies involved in natural fibre analysis issues dealt by ICAR, in particular IWTO.

9. According to the results obtained with Alpaca, the Working Group could explore the opportunities to open sections in other domestic animal species and breeds for textile fibre (i.e. merinos sheep, Angora goat, cashmere goat etc.)

Draft Program of the Camerino International Conference
“WOOL ROADS”

Morning

RESEARCH ON TEXTILE ANIMAL FIBRE

• EAAP: its role in the European Research
  Dr A. ROSATI (EAAP – WAAP)

• ICAR: activities in genetic improvement of animal fibre
  Dr M. ANTONINI (ENEA – Università di Camerino)

• Animal nutrition and fibre production
  Dr H. GALBRAITH (University of Aberdeen - UK)

• The Season effect on fibre growth
  Dr D ALLAIN (INRA – Francia)

• Animal for fibre: behaviour and adaptation
  Prof. M. GERKEN (Università di Gottingen)
Afternoon

ITALIAN RESEARCH ACTIVITIES ON WOOL PRODUCTION

• To Clothe the environment Abruzzo Region
  Prof. B. BARBONI (University of Teramo)

• GAL Sibilla e Piceno project: “the Wool Roads”
  Dr. C. CARLETTI (C.I.A. Marche)

• The situation of derived Merinos breeds in Italy
  Prof F. PANELLA (University of Perugia)

• Black and brown Merinos in Italy
  Prof. C. RENIERI (University of Camerino)

• IGP Proposal for natural Coloured wool
  Dr. C. CARLETTI (C.I.A. Marche)

• Vegetal colour for white wool dying
  LA CAMPANA Farm

GUIDELINE

Alpaca shearing management, fibre harvesting and grading
Conclusion

ICAR would like to approach the Alpaca fibre heterogeneity problems in order to support end users. In order to:

1. define **common objective of selection**
2. Produce more accurate **animal fibre recording method**
3. Organize **genetic selection plan**
4. Define **guide lines** representative of the ICAR service for alpaca breeders at international level.

Future actions

Next steps of the ICAR South American Camelid Alpaca fibre Working group

A. Objective **definition of Huacaya and Suri** fibre/type; (2008/2009)
B. Definition of the **objective and criteria in Alpaca fibre selection** program world wide (2008/2009)
C. Contribution to adequate **analytical performance quality** for Alpaca fibre recording purpose world wide;
D. development of reference document and standard on methods of **Alpaca fibre analysis and quality assurance in laboratories** applicable to animal fibre recording. (We are verifying possible cooperation with CCMI - Cashmere and Camel Hair Manufacturers Institute)

http://www.cashmere.org/cm/index.php
Thank you

marco.antonini@unicam.it
antoninim@casaccia.enea.it
+39 0737.402700
+39 328.0421225