Identifying new innovative uses of food composition data

8th International Food Data Conference

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1 - 3. October, 2009, Bangkok

Aims

Identification and characterization...

- Of (new) users of food information and their needs
- Of new, innovative uses of food information and interfaces or applications based on innovative technologies
## EuroFIR eSearch Facility

**Simultaneous online search in national and specialized food composition databases**

### EuroFIR eSearch Prototype

The following information was found. The table can be exported to Excel.

<table>
<thead>
<tr>
<th>Energy</th>
<th>Proximate</th>
<th>Fat</th>
<th>Carbohydrates</th>
<th>Sugars</th>
<th>Organic acids</th>
<th>Polyols</th>
<th>Fat sol. vitamins</th>
<th>Water sol. vitamins</th>
<th>Macro</th>
</tr>
</thead>
<tbody>
<tr>
<td>id</td>
<td>Dataset</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18624</td>
<td>PT INSA FCDB 2008</td>
<td>Avoedos</td>
<td>10.5 g</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14-031</td>
<td>UK CoF IDS</td>
<td>Avoedos, average</td>
<td>19.5 g</td>
<td></td>
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<tr>
<td>007400</td>
<td>IT IRAN FCDB 2006</td>
<td>AVOCADO, FRESH</td>
<td>23.9 g</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13004</td>
<td>FR AFSSA FCDB 2008</td>
<td>Avocado, pulp, raw</td>
<td>13.9 g</td>
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<td></td>
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<tr>
<td>008300</td>
<td>USDA SR23</td>
<td>Avocados, raw, California</td>
<td>10.41 g</td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

All contents are per 100g edible portion unless otherwise stated. A blank food (x0) means that the information was not provided in the database.
Better Eating: Making Life Easier

Nutrition consultation software for Nintendo DS & Apple iPhone

- **Aim:** Better eating and feel better!
- **35 lessons for a better nutrition are playfully learnt**
- **100 recipes** for breakfast, lunch and dinner
- **Daily planner enables individual dietary goals and objective scrutiny**

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The Cookery Course for Nintendo DS Lite

Source: [http://www.nintendo.de/NOEL/de_DE/games/nds/kochkurs_was_wollen_wir_heute_kochen_7960.html](http://www.nintendo.de/NOEL/de_DE/games/nds/kochkurs_was_wollen_wir_heute_kochen_7960.html)
Food Information and Catalogues

- Data linking with the library catalogues or even data search directly within the library catalogues...

Catalogues?

Digital Resource
Falk M-Holiday

**Mobility and total location independency**

- Travel guide and navigation system combined
- Categories: amongst others „Food & Beverages“
- Restaurants, cafés, bars

*Why not food information as well?*

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**Conclusion & Outlook**

- Successful management of food information requires multidisciplinary functioning and constant monitoring of the market and consumers
- Publication of food information and data supply should be accompanied by communication and consumer-friendly education
- Implementation of European standards, international networks and data linking are crucial
- Technology is already available and provides a fast, uniform data transfer
- Improved data quality and capturing, as well as single point of access and availability of user-relevant data are still needed in the standardization of food composition databases
Acknowledgements

- Assoc. Prof. Dr. Visith Chavasit, Assoc. Prof. Dr. Prapasri Puwastien and the organisational team of the 8th IFDC
- EuroFIR
- Co-authors and all people from EuroFIR work package 1.8, task group 4

Food information

Develop, exploit and publish it in an understandable and user-friendly manner

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October 1-3, 2009
Bangkok, Thailand