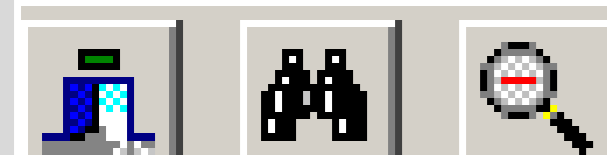
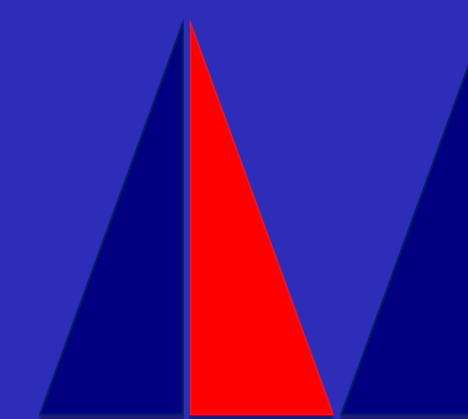


# What's new in LanguaL?

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## New LanguaL descriptors

### Dietary supplements

The LanguaL™ thesaurus, originally used only for conventional foods, was adapted this year for indexing dietary supplements. New descriptors were added to index dietary supplements according to different criteria (e.g. type, form, ingredients, dietary use).<sup>1</sup> Examples:

- A. PRODUCT TYPE [A0361]
  - DIETARY SUPPLEMENT [A1298]
    - DIETARY SUPPLEMENT, AMINO ACID OR PROTEIN [A1305]
    - DIETARY SUPPLEMENT, COMBINATION [A1313]
      - BOTANICAL SUPPLEMENT WITH VITAMIN/MINERAL [A1317]
      - BOTANICAL SUPPLEMENT WITH MINERAL(S) [A1318]
      - BOTANICAL SUPPLEMENT WITH MULTI-VITAMIN/MINERAL [A1319]
      - BOTANICAL SUPPLEMENT WITH VITAMIN(S) [A1320]
    - DIETARY SUPPLEMENT, COMBINATION, OTHER [A1325]
    - DIETARY SUPPLEMENT, MULTI-VITAMIN/MINERAL [A1314]
      - MULTI-VITAMIN AND MULTI-MINERAL SUPPLEMENT [A1315]
      - MULTI-VITAMIN AND SINGLE MINERAL SUPPLEMENT [A1323]
      - SINGLE VITAMIN AND MULTI-MINERAL SUPPLEMENT [A1322]
      - SINGLE VITAMIN AND SINGLE MINERAL SUPPLEMENT [A1316]
    - DIETARY SUPPLEMENT, MULTI-VITAMIN/MINERAL AND AMINO ACIDS [A1321]
    - DIETARY SUPPLEMENT, VITAMIN(S) AND FATTY ACIDS [A1324]
  - DIETARY SUPPLEMENT, HERBAL OR BOTANICAL [A1306]
  - PROBIOTIC OR BACTERIA SUPPLEMENT [A1308]
  - YEAST SUPPLEMENT [A1307]
  - DIETARY SUPPLEMENT, METABOLITE, CONSTITUENT, EXTRACT OR ISOLATE [A1309]
    - ENZYME SUPPLEMENT [A1311]
    - FATTY ACID OR FAT/OIL SUPPLEMENT [A1310]
    - PHYTOESTROGEN SUPPLEMENT [A1312]
  - DIETARY SUPPLEMENT, MINERAL [A1299]
    - MULTI-MINERAL SUPPLEMENT [A1300]
    - SINGLE MINERAL SUPPLEMENT [A1301]
  - DIETARY SUPPLEMENT, NOT SPECIFIED [A1329]
  - DIETARY SUPPLEMENT, OTHER [A1326]
    - DIETARY SUPPLEMENT, ELECTROLYTE [A1327]
    - DIETARY SUPPLEMENT, FIBRE [A1328]
  - DIETARY SUPPLEMENT, VITAMIN [A1302]
    - MULTI-VITAMIN SUPPLEMENT [A1303]
    - SINGLE VITAMIN SUPPLEMENT [A1304]
- E. PHYSICAL STATE, SHAPE OR FORM [E0113]
  - LIQUID [E0130]
  - PHYSICAL STATE, SHAPE OR FORM NOT KNOWN [E0001]
  - PHYSICAL STATE, SHAPE OR FORM, MULTIPLE [E0108]
  - SEMILIQUID [E0103]
  - SEMISOLID [E0144]
  - SOLID [E0151]
    - SUPPLEMENT FORM [E0154]
      - BAR [E0164]
      - CAPSULE [E0159]
        - GEL CAP [E0160]
        - SOFTGEL CAPSULE [E0161]
      - LIQUID, SUPPLEMENT FORM [E0165]
      - ORAL DROPS [E0166]
      - PARENTERAL PREPARATION [E0169]
      - SPRAY [E0168]
      - SYRUP [E0167]
    - LOZENGE [E0174]
    - POWDER [E0162]
      - GRANULES [E0163]
    - SUPPLEMENT FORM, OTHER [E0172]
      - GEL [E0175]
      - GUMMY [E0176]
      - WAFER [E0173]
    - SUPPLEMENT FORM, UNKNOWN [E0177]
    - TABLET [E0155]
      - CHEWABLE TABLET [E0156]
      - NON-CHEWABLE TABLET [E0157]
      - EFFERVESCENT TABLET [E0158]



## Description

Systematic food description is essential to the acquisition, processing, and dissemination of food composition data. LanguaL™ is a multi-lingual, faceted thesaurus created to describe foods in a systematic way.

Originally developed in the US more than 30 years ago, LanguaL has been managed by the European LanguaL technical committee since 1999. LanguaL™ is used to systematically describe foods in Europe and in the US.

## Improved website

<http://www.langual.org/>

Menu Latest news  
Systematic display with links to authoritative sources

Easier to download LanguaL™ Food Product Indexer and indexed data sets.

## Link to SciName Finder

SciName Finder™ (<http://www.sciname.info/>) - a new search tool for scientific/common names of plants and animals written by Anders Møller, Danish Food Information.



## More languages

Language versions currently include English, Czech, Danish, French, German, Italian, Portuguese and Spanish.

## Revision of fish and plant species

Other major updates include revision of fish and plant species, with links to authoritative sources of scientific names, and an update of food additive information. Example:

<sup>1</sup> Saldanha LG, Dwyer JT, Holden JM, Ireland JD, Andrews KW, Bailey RL, Gahche JJ, Hardy CJ, Møller A, Pilch SM, and Rosefield JM. A structured vocabulary for indexing dietary supplements in databases in the United States. *Journal of Food Composition and Analysis* 25 (2012) 226–233.

## New descriptors for USDA SR

Specific descriptors in facet B as well as a section on food colors in facet Z (e.g. colors of skin and flesh of fruit & vegetables) were also introduced in order to index foods in USDA SR 24. Examples:

- Z. ADJUNCT CHARACTERISTICS OF FOOD [Z0005]
  - ADJUNCT CHARACTERISTICS OF PLANTS [Z0268]
    - COLOR OF FRUIT OR VEGETABLE FLESH [Z0269]
      - BLUE FLESH [Z0277]
      - GOLD FLESH [Z0272]
      - GREEN FLESH [Z0271]
      - ORANGE FLESH [Z0290]
      - PINK FLESH [Z0270]
      - PURPLE FLESH [Z0276]
      - RED FLESH [Z0275]
      - WHITE FLESH [Z0274]
      - YELLOW FLESH [Z0273]
    - COLOR OF FRUIT OR VEGETABLE SKIN [Z0278]
      - BLACK SKIN [Z0287]
      - BLUE SKIN [Z0286]
      - BROWN SKIN [Z0288]
      - GOLD SKIN [Z0281]
      - GREEN SKIN [Z0280]
      - ORANGE SKIN [Z0289]
      - PINK SKIN [Z0279]
      - PURPLE SKIN [Z0285]
      - RED SKIN [Z0284]
      - WHITE SKIN [Z0283]
      - YELLOW SKIN [Z0282]