

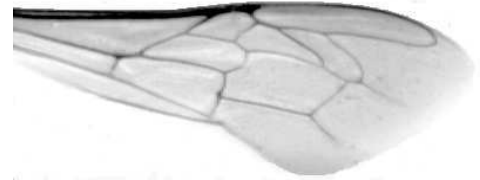


**Bee Research Institute Dol, Ltd.,
CZ 252 66 Libčice nad Vltavou, Czech Republic**

☎ 00420.220940480, fax 00420.220941252

RESULTS OF MORPHOMETRICAL ANALYSIS AND TAXONOMICAL CLASSIFICATION OF BEES BY WING CHARACTERS

Used method: name: **DAWINO**
number: **SOP MO- 01- KR**



Sample No: **K7876**
Race-declared: **CARNICA**

Beekeeper: A. Kedra

Address: Včelí farma pod Medníkem, Na Babách 16, 25281 Petrov u Prahy

Sample - **collected by:** včelař
- **date of collection:** 25.08.2016
- **way of collection:** living

Queen: 1164- 2016 **in colony:** 1

Parents: **mother of queen:** **drones:**

Way of mating: prsp

Comments:

Date of wings' measurement: . . .

Analysis made by: RNDr. František Kašpar
Research Institute of Apiculture Dol, Ltd.
Bee Breeding Station
Pekařov
CZ 78823 Jindřichov na Moravě
Czech Republic

DAWINO results - sample classification:

| RACE | % |
|----------------|-----------|
| CARNICA | 49 |
| Others | 51 |

Results are referred only to analysed sample.

*This protocol cannot be reproduced in
different way as a complete without
agreement of the testing laboratory.*

13.11.2017

Date / stemp / sign

Wing characters (averages) of the sample No: **K7876**

| ANGLES (degrees) | |
|---------------------------|-------|
| A1 | 25,2 |
| A4 | 29,7 |
| B3 | 73,7 |
| B4 | 108,2 |
| D7 | 96,1 |
| E9 | 22,3 |
| G7 | 24,4 |
| G18 | 93,7 |
| H12 | 17,9 |
| J10 | 52,1 |
| J16 | 98,9 |
| K19 | 77,8 |
| L13 | 14,0 |
| M17 | 47,9 |
| N23 | 90,3 |
| O26 | 34,8 |
| Q21 | 36,0 |
| LENGTHS (mm) | |
| Radiální pole | 3,470 |
| A | 0,590 |
| B | 0,254 |
| C | 0,933 |
| D | 2,006 |
| Vnitřní délka | 4,625 |
| Vnitřní šířka | 2,142 |
| Disk.odch. (mm) | 0,154 |
| (stupně) | 5,1 |
| INDEXES | |
| Loketní | 2,35 |
| Prekubitální | 2,75 |
| Činkový | 1,08 |
| Radiální | 1,46 |
| AREA OF 6 FIELDS | |
| Plocha (mm ²) | 5,420 |