

# Sup. Mat. 3

Trait values for the European Anatidae species for which diet studies containing identified seeds were found.

| Species                            | Bill: Total<br>Culmen | Bill: tip to<br>Nares | Bill:<br>Width | Bill:<br>Depth | Tarsus<br>Length | Mass     | Feeding group                              |
|------------------------------------|-----------------------|-----------------------|----------------|----------------|------------------|----------|--------------------------------------------|
| <i>Anas acuta</i>                  | 43.175                | 31.925                | 13.375         | 14.85          | 35.025           | 944.62   | Omnivore dabbling ducks                    |
| <i>Spatula clypeata</i>            | 63.35                 | 47.9                  | 18.175         | 18.375         | 31.4             | 612.56   | Omnivore dabbling ducks                    |
| <i>Anas crecca</i>                 | 35.075                | 29.1625               | 11.8625        | 11.45          | 25.9125          | 341.89   | Omnivore dabbling ducks                    |
| <i>Mareca penelope</i>             | 37.35                 | 26.475                | 15.325         | 12.425         | 33.875           | 770.03   | Omnivore dabbling ducks                    |
| <i>Anas platyrhynchos</i>          | 56.175                | 40.975                | 20.75          | 17.825         | 39.65            | 843.42   | Omnivore dabbling ducks                    |
| <i>Spatula querquedula</i>         | 37.15                 | 29.975                | 14.2           | 12.75          | 24.575           | 325.6    | Omnivore dabbling ducks                    |
| <i>Mareca strepera</i>             | 45.425                | 34.725                | 16.625         | 13.1           | 36.325           | 915.58   | Omnivore dabbling ducks                    |
| <i>Anser albifrons</i>             | 46.575                | 27.65                 | 18.175         | 17.225         | 64.2             | 2506.39  | Terrestrial plant eaters                   |
| <i>Anser anser</i>                 | 58.125                | 31.75                 | 22.225         | 20.65          | 74.925           | 3302.41  | Terrestrial plant eaters                   |
| <i>Anser brachyrhynchus</i>        | 46.875                | 26.2                  | 18.525         | 14.975         | 73.15            | 2642.04  | Terrestrial plant eaters                   |
| <i>Anser erythropus</i>            | 37.05                 | 21.575                | 15.5           | 13.45          | 61.55            | 1755.5   | Terrestrial plant eaters                   |
| <i>Anser fabalis</i>               | 73                    | 40.2875               | 22.25          | 23.3875        | 77.9125          | 2754.73  | Terrestrial plant eaters                   |
| <i>Aythya ferina</i>               | 47.1                  | 30.5                  | 17.6           | 13.55          | 31.575           | 822.99   | Omnivore diving ducks                      |
| <i>Aythya fuligula</i>             | 39.6                  | 27.65                 | 19.25          | 13.225         | 28.475           | 701.17   | Omnivore diving ducks                      |
| <i>Aythya marila</i>               | 44.1                  | 29.675                | 23             | 14.175         | 32.275           | 1005.37  | Omnivore diving ducks                      |
| <i>Aythya nyroca</i>               | 38.95                 | 27.5                  | 18.975         | 12.825         | 26.975           | 574      | Omnivore diving ducks                      |
| <i>Branta canadensis</i>           | 50                    | 28.2                  | 19.9           | 15.3           | 73.3             | 2811.7   | Terrestrial plant eaters                   |
| <i>Branta leucopsis</i>            | 39                    | 20.3                  | 16.1           | 11.7           | 64.3             | 1684     | Terrestrial plant eaters                   |
| <i>Bucephala clangula</i>          | 34.325                | 17.725                | 15.8           | 11.1           | 34.9             | 918.56   | Omnivore diving ducks                      |
| <i>Bucephala islandica</i>         | 34.65                 | 18.25                 | 16.65          | 12.75          | 37.875           | 921.21   | Omnivore diving ducks                      |
| <i>Clangula hyemalis</i>           | 33.7                  | 19.175                | 16.075         | 11.425         | 30.85            | 871      | Marine invertebrate eating<br>diving ducks |
| <i>Cygnus columbianus</i>          | 100.575               | 41.125                | 30.4           | 20.35          | 93.8             | 6377.96  | Aquatic plant eaters                       |
| <i>Cygnus cygnus</i>               | 102.4                 | 45                    | 29.7           | 21.7           | 102              | 9350     | Aquatic plant eaters                       |
| <i>Cygnus olor</i>                 | 97.675                | 56.7                  | 31.425         | 26.65          | 93               | 10682.04 | Aquatic plant eaters                       |
| <i>Marmaronetta angustirostris</i> | 43.95                 | 36                    | 14.925         | 13.175         | 31.85            | 477      | Omnivore dabbling ducks                    |
| <i>Melanitta nigra</i>             | 45.925                | 24.6                  | 21.4625        | 12.34          | 38.1875          | 1049.98  | Marine invertebrate eating<br>diving ducks |
| <i>Mergus serrator</i>             | 62.575                | 42.75                 | 8.2            | 10.675         | 47.05            | 1015.17  | Fish eating diving duck                    |
| <i>Netta rufina</i>                | 47.975                | 33.4                  | 21.425         | 15.525         | 36               | 1118     | Omnivore diving ducks                      |
| <i>Oxyura leucocephala</i>         | 45.76                 | 28.5                  | 22.98          | 14.1           | 36.08            | 687      | Omnivore diving ducks                      |
| <i>Somateria mollissima</i>        | 51.125                | 27.975                | 19.225         | 16.575         | 44.4             | 2060.93  | Marine invertebrate eating<br>diving ducks |
| <i>Tadorna tadorna</i>             | 51.55                 | 30.975                | 17.975         | 14.5           | 47.95            | 1146.83  | Omnivore dabbling ducks                    |