

The biometrical and exterior characterization of the Polish Noble Halfbreed horses in relation to the origin of horses derived from father's side

S u m m a r y

The researches included both mares and stallions registered in the first and second volume of the Noble Halfbreed Stud Book. The most significant participation of western horse breeds, involved in the improvement of the Polish Noble Halfbreed horses, had Hanoverian stallions (20.07%), Holstein stallions (7.63%), Thoroughbred stallions (6.08%) and Dutch horses (KWPB – 5.75%). The Noble Halfbreed horses registered in the stud books, which derived from the foreign breeds, had statistically significantly higher biometrical measures and exterior points than horses derived from the Polish native breeds. It has been shown that mares had bigger chest girths than stallions and the index of chest girth of stallions was lower (116%) than the chest girth of mares (119%).