INTRODUCTION

The Body Between the Protestant Souls and Nascent Nation-States: Physical Education as an Emerging School Subject in the Nineteenth Century

Daniel Tröhler
Johannes Westberg

Today, physical education is an established part of the curriculum of compulsory schooling. Taken for granted as a school subject, yet considered a minor school activity whose mastery and excellence are not decisive for the school careers and thus the life chances of the younger generation, physical education has not enjoyed research attention as have, for instance, language teaching, history or geography, let alone religious instruction. Physical education is publicly undisputed as a curriculum requirement, but it is not really highly valued. The comparatively low public esteem and physical education's lack of necessity for textbooks – a prominent field of research – make physical education a bit of a Plain Jane in educational discourse.

The comparatively low regard in which physical education is held in research has its equivalence in the daily practice of school activity. Physical education instructors might react to this neglect by citing—in Latin—the famous phrase Mens sana in corpore sano, “a healthy mind in a healthy body,” indicating that intellectual health (also) depends on physical health. That reaction could, however, trigger reactions from a sophisticated aficionado of the humanities, who knows that Mens sana in corpore sano is an abbreviated version of a sentence from Juvenal’s Satire X in which he was discussing not sports but the value of wishing and praying. In this context Juvenal says, “[…] if you must pray for something […] then ask for a healthy mind in a healthy body, demand a valiant heart for which death holds no terrors.”

1 The sports sciences are an exception, for they indeed have historical interest. Interestingly enough, this particular historical research is somewhat isolated from mainstream history of education. Another exception is research conducted in the field of gender studies.


Daniel Tröhler is Professor in Foundations of Education at the Department of Education, University of Vienna, Austria.
Email: daniel.troehler@univie.ac.at

Johannes Westberg is Professor in Education at the School of Humanities, Education and Social Sciences, Örebro University, Sweden.
Email: johannes.westberg@oru.se
Against this background, physical education is constantly being a bit discred- ed—even more so, because at times it was closely connected to un-reflected mas- culinity, military programmes and war preparation; and in some places physical edu- cation policy was and is indeed not domiciled in the ministries of education but in the ministries of defence. Given its commitment to enthusiastically participating in the “educationalization of the world,”¹³ the several branches of education research are of course much more devoted to finding educational solutions to political challenges and social tensions rather than to helping to train the alleged future killing machines or cannon fodders. To serve anything connected to power and/or war aspirations cannot be located in the moral(istic) realm of education research.

One of the tremendous advantages of the history of education is that—potentially—it does not need to be so devoted to the moralistic agenda of education in general, in policy or in research. Quite the contrary, education history precisely fulfils its function when it does not participate in trends of an educationalised world but when it analyses its causes, its intellectual and institutional developments and trajec- tories and its discursive effects in the way that education research is being defined as appropriate and helpful: providing ‘evidence’ for policy, for instance. The fact that this is only rarely done does not mean that its potential does not exist but that the advocates of the critical function of the history of education are obviously in need of offering ‘evidence’ for their position.

Part of this agenda is to excavate research topics neglected by dominant discours- es or epistemologies. Physical education is an outstanding field of research not only because it is not the target of international assessment programmes. Those pro- grammes might indeed find that Norwegians are doing better in cross-country ski- ing than the Portuguese and that the Finnish are better in ski jumping than students in Hong Kong or Singapore, but they would not know how these athletic competen- cies would be an answer to what kind of real life challenges that these assessment programmes assume to exist. Physical education tells us a lot about the making of a school subject in modernity, for it was not included in the curricula of early modern general education. There was indeed horseback riding, fencing or dancing in the curricula of the knight academies and educational institutions for the sons of no- blemen who did not wish to enter religious careers—but those particular exercises were not transferred into the educational institutions of elementary schooling for the masses.

The crucial question then is related to the ‘making of’: telling not only the history or the career of an obviously modern school subject in compulsory schooling but also revealing the very mechanisms of modern schooling, its logics of policy and its national and religious entanglements. The diffusion of physical education was a transregional movement in a time when the slowly emerging nation-states were not yet seen as inevitable forms of political organization. Yet—and this is the funda- mental thesis of this special issue—physical education would probably not have entered the curriculum of compulsory schooling if the nation-states themselves had not emerged as educational projects, relying heavily on the educational making of future loyal citizens of the nation-state and its respective vision of social order that

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was sought to be implemented by institutions based on a constitution. The Nordic States were no exceptions in that respect. Their different routes towards becoming nation-states nevertheless makes them particularly interesting cases.

**Physical education in the Nordic countries**

One of the European centres in this emerging movement of physical education was late eighteenth century Copenhagen. In its rather unique amalgam of deeply Lutheran commitment, monarchic structure and simultaneous interest in the (also French) Enlightenment, it became a melting pot for different educational movements and all too often a place for exiles, foremost for German liberal Lutheran theologians and educational reformers. Johann Bernhard Basedow, the initiator of the German Philanthropists after 1768, was appointed professor of moral philosophy, belles-lettres and theology at the knight academy, Sorø Academy, in Denmark as early as in 1753. However, due to his rational theology, he was forced to move from there to the Gymnasium Christianeum in Altona near Hamburg, which, at the time, still belonged to Denmark.

Years later, it worked the other way around. The philanthropist Peter Villaume, a Huguenot descendant and theologian, decided in 1793 to move to Fürirendal on the Danish island of Funen because of his radical rationalism. Villaume had published, in 1787, writings on physical education in the context of an encompassing education for the “happiness of mankind” (Glückseligkeit des Menschen). The breeding ground for educational reforms in Denmark was obvious, as can be seen in the Committee for the improvement of Danish schools (Commissionen for de Danske Skolers bedre Indretning), which was founded in 1789 by Frederick VI, then regent (and later king) of Denmark and Norway.

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7 Peter Villaume, Von der Bildung des Körpers in Rücksicht auf die Vollkommenheit und Glückseligkeit des Menschen, oder über die physische Erziehung insondere. In Allgemeine Revision des gesammten Schul- und Erziehungswesens von einer Gesellschaft praktischer Erzieher, Vol. VIII (Vienna: Rudolf Gräffer und Compani, Schulbuchhandlung, 1787), 211–92. At that time, Villaume had been teaching philosophy at the famous Joachimsthalsche Gymnasium in Berlin, a modern knight academy that two decades later would become the ultimate centre of the gymnastics movement in Germany; see the article by Daniel Tröhrler in this issue.
8 Members were: count Heinrich Ernst Schimmelmann, the ethnic German privy councillor and minister of finance, who worked towards the abolition of serfdom in Schleswig and with the improvement of elementary education for the masses following Rochow’s ideas (whereas his wife, Magdalene Charlotte Hedevig Schimmelmann-Schubart, favoured Pestalozzi's ideas); Johann Ludwig Graf von Reventlow, count and delegate of the “chamber of pensions,” who lived in Funen (to where Villaume would move in 1793, see above); Frederik Carl Trant, founder of several schools and in 1794 of a teacher seminar; Christian Brandt civil servant, privy councillor and school director; Nikolai Edinger Balle, the Lutheran Bishop in Sjælland; and Blaagard Magnus Hoffmann Sevel, the inspector for teacher education. The commission was to send two teachers to Pestalozzi in 1802, Johann Christian Ludvig Ström and Johann Henrik Anton Torlitz, to learn the fundamentals of a better educational method as basis for educational reform in Denmark. See Rebekka Horlacher and Daniel Tröhrler, eds., “King Christian VII. to Pestalozzi, 20 November 1802,” in Sämtliche Briefe an Johann Heinrich Pestalozzi, Band 1 (Zurich: NZZ Libro, 2009).
It seems that 1793—the year that Villaume moved to Denmark—was a decisive year, at least with regard to physical education. In this very year, the Lutheran theologian Johann Rudolf Christiani was nominated to become court chaplain in Copenhagen. Based on the writings of the German Philanthropists, Christiani opened the Copenhagen Philanthropin in 1795. The Philanthropin was a school designed to give sufficient attention to children's bodies through hygiene and exercise. To fulfill this quest, Christiani hired Franz Nachtegall, another Lutheran theologian of German origin who was born in Copenhagen. Nachtegall was devoted to the concept of physical education proposed by another German Philanthropist and theologian, Johann Christoph Friedrich GutsMuths, who had been a teacher at the Philanthropin in Schnepfenthal headed by the Lutheran minister Christian Gotthilf Salzmann since 1784/85. GutsMuths began to teach physical exercises in 1786, and in 1793 he published his widely read and often translated treatise Gymnastik für die Jugend: Enthalten eine praktische Anweisung zu Leibesübungen, published in Danish in an abbreviated version in 1799.

Nachtegall was not only fond of the German ideas of physical exercise but also had been taught “fencing and vaulting by the old French fencing master Embs, and soon acquired skills in both arts, but especially the latter.” It was due to Copenhagen's particular political and cultural context that an amalgam of French ideas of physical education, oriented towards an aestheticised ideal of a nobleman, and German ideas of physical education oriented more towards utilitarian ideas of the rising bourgeoisie became possible. From this amalgam, different trajectories across

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9 Schnepfenthal, founded in 1784 by Salzmann, was an 'international' place, which can be seen in the fact that Pestalozzi's disciple Gottlieb Anton Gruner, acting as private tutor of Erich Lehnshof von Bernstorff (1791–1837) from Copenhagen, spent some four months between June and September of 1803 at this Philanthropin. Gruner had become acquainted with Erich Lehnshof von Bernstorff during a stay in Copenhagen in 1801. See Horlacher and Tröhler, (2009) 684–87.

10 It can be assumed that GutsMuths was familiar with Villaume's manuscript on physical education (Villaume (1787), see Johann Christoph Friedrich GutsMuths, Gymnastics for Youth: Or a Practical Guide to Healthful and Amusing Exercises for the Use of Schools ... Freely translated from the German of C.G. Salzmann (London: F. Johnson, St. Paul's Church-Yard, 1800, 70). GutsMuths certainly knew from his visits to the original Philanthropin in Dessau that the children (who came from noble families) were taught, among other subjects, fencing, dancing and horseback riding on the one hand and "physical exercises" such as threshing, plane, woodwork and woodturning on the other. Johann August Heinrich Ulrich, "Geschichte des Philanthropin zu Dessau," in Pragmatische Geschichte der vornehmsten katholischen und protestantischen Gymnasien und Schulen in Deutschland aus authentischen Originalnachrichten, Erster Band (Leipzig: Weygandsche Buchhandlung, 1780), 265–72. Obviously, physical education included both – the traditional training of nobility and basic vocational training – but it was not yet physical training as we would know it today in our schools.

11 Johann Christoph Friedrich GutsMuths, Gymnastik für die Jugend: Enthalten eine praktische Anweisung zu Leibesübungen (Schnepfenthal: Verlage der Buchhandlung der Erziehungsanstalt, 1793).

12 Johann Christoph Friedrich GutsMuths, Kort Anviisning til Legemsøvelser: Et Udtog af Gutsmuths Gymnastik, trans. V. K. Hjort (Copenhagen: S. Poulsen, 1799). An English translation appeared a year later: Gymnastics for Youth; or a practical guide to healthful and amusing exercises for the use of schools, see GutsMuths (1800). For more information on GutsMuths and his concepts of physical education, see the article by Rebekka Horlacher in this issue.

13 Fred Eugene Leonard, Physical Education in Denmark (n. p.), 1n. It was not possible to identify this "French fencing master Embs." Other sources talk of a fencing master "Ebbs" teaching young Nachtegall (https://de.wikipedia.org/wiki/Franz_Nachtegall). According to a personal communication (in October 2016) by Mette Buchardt, Aalborg University, French fencing masters in Copenhagen are recorded, but no names are handed down and none similar to Ebbs or Embs.
different emerging education systems arouse, and they met repeatedly and found supporters and advocates in very different contexts across the nineteenth century. Especially noteworthy is the Swede Pehr Henrik Ling, son of Lars Peter Ling, a Lutheran minister in Södra Ljunga, and a Lutheran theologian himself.

After his studies at the University of Uppsala, Ling went on a European journey, starting in 1799 in Copenhagen, where he became acquainted with Nachtegall and his concepts of physical education, and he also joined fencing classes taught by two French immigrants. In 1804, Ling went back to Copenhagen, where he took intensified fencing lessons, again taught by the two French fencing masters, and restored his fragile health. Fencing:

cured a paralysis in one of his arms. He became an excellent fencer and over the years earned his living by giving fencing instruction. Unlike fencing, which was seen as a 'chivalrous' sport, gymnastics was seen as 'common' in 'respectable circles'. Nevertheless, Ling attended gymnastics with the leading Danish gymnastics instructor F. Nachtegall, whose gymnastics were inspired by GutsMuths.

With restored health and convinced of the healing power of systematised fencing, Ling became master of fencing at the University of Lund in 1805 and started to propagate his ideas on physical education throughout Sweden. In parallel, Ling became acquainted with the Swedish past and became involved in Nordic mythology. As a co-founder of the Gothic association (Götiska Förbundet), in 1811, he was devoted to developing a particular Swedish nationalism out of a praised past, against the background of the Swedish new constitution of 1809 and the loss of Finland that same year. In 1813, Ling became fencing master at the Swedish Royal War Academy at Karlberg and received a royal permit to establish a gymnastic school, the Royal Central Gymnastic Institute (Gymnastiska Centralinstitutet). Soon his physical exercises, located between health and fighting, were introduced in many schools and in the army; gymnastics and national romanticism went hand in hand, just as they had in Germany.

Ling, who was appointed gymnastics and swordsmanship teacher at the higher artillery grammar school in Marieberg (Högre artilleriläroverket i Marieberg) in 1818, became famous not only in Sweden but also in other parts of the Western world, including the United States, England and France. Ling’s Swedish gymnastics were also

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15 It is not clear when Ling returned to Copenhagen or if he even was gone from Copenhagen at all; see also Ove Korsgaard, “Gymnastik i kosmisk perspektiv,” in Den gamle nyreligiøsitet: Vestens glemte kulturarv, ed. Mette Buchardt and Pia Rose Böwadt (Copenhagen: Forlaget Anis, 2003), 258.
16 Korsgaard (2003), 251–66. We wish to thank Mette Buchardt from Aalborg University for pointing us to this article (and for the translation).
popular in Germany, where his concept of physical education was often favoured over Turnvater Jahn’s conceptions, which were often less popular due to Jahn’s determined form of nationalism. An important translator here was Hugo Rothstein, who was a Prussian officer, writer, educator and gymnast but a fundamental critic of the German Turners and their system of gymnastics. Rothstein became acquainted with Swedish gymnastics when he travelled to Sweden, and he introduced it in Prussian military and civil physical training programmes. In the military it was labelled Wehrgymnastik (defence gymnastics), and in civil training programmes it was called Heilgymnastik (therapeutic gymnastics). Both attempts found their admirers, such as Albert Constantin Neumann, a physician, and Wilhelm Angerstein, a gymnast and publicist. Rothstein was in that sense a pioneer, as it was this instrumental militarist-nationalist idea of gymnastics that eventually acted as a vehicle for the full implementation of gymnastics as a school subject in the German curricula on all levels towards the end of the nineteenth century.

The Protestant soul and the emerging nation states

Of course, it is a paradox that ultimately, this physical education programme—which developed first in Copenhagen, by melding German Philanthropic ideas with French fencing techniques, and then developing in the frame of Swedish or Nordic nationalism—became popular in Germany in order to combat Jahn’s conception of physical education that was built on German nationalism. This example shows, however, how educational ideas travel and are received if they fit into the overall curricular aspirations of forming the future citizens of a given (or emerging) nation. The active agents of this particular reform, physical education, were obviously deeply rooted in Protestant, mostly Lutheran, perceptions of life and were concerned less with physical education in regard to the industriousness of a self-sufficient holistic citizen, as had been the case with the Swiss Reformed Protestant Pestalozzi. In the Lutheran traditions, the envisaged harmonious formation of the soul, called Bildung, was to have an outer equivalent, the harmonious nation-state, which later would become epitomised in

the notion of the Volk, be it in Denmark by Nikolai Grundtvig or in Germany by the academic school of thought called Geisteswissenschaftliche Pädagogik.\(^{26}\)

Accordingly, developments in a Catholic country becoming more secular (lai-cist), such as France, were quite different. France had no broad public culture of gymnastics, and the schools were very reluctant to introduce it into the curricula. Towards the end of the Second Empire, which ended with the Franco-Prussian War in 1870/71, gymnastics had entered the school curricula only of the institutions of higher education (lycées), the higher levels of elementary schooling and teacher education.\(^{27}\) However, and in contrast for instance to Prussia and the German Reich, France had no system of gymnastics teacher education; gymnastics teachers were former soldiers with very low social status within the educational institutions; only in 1907 was a physical training college founded at the initiative of the lycées and colleges, and only in 1933 was a separate, state-run gymnastics teacher training institution opened.\(^{28}\)

The major difference between France and other European nation-states—foremost Germany—was that France never thought it necessary to ‘invent’ the French nation: It was a given fact. The interrelation between gymnastics and nation-building was no issue. The French authorities were quite alarmed by the development in Germany, but they preferred to look to England and its focus on sports and foremost at theologian Thomas Arnold, who had become famous, for instance, with his publication, Sermons Preached in the Chapel of Rugby School.\(^{29}\) And with regard to education, the Swedish system of physical training was crucial to the French, as the publication by Georges Demenÿ, L’Éducation physique en Suède [Physical Education in Sweden] shows.\(^{30}\) The Belgians, in their cultural proximity to the French, followed only some 10 years later with a publication under the same title, written by an army captain and head of a military school, Lefebure,\(^{31}\) who began the book by quoting “Mens sana in corpore sana […].”\(^{32}\)

These examples show how military ambitions (as fundamental activities in defending the nation-states) and schooling (as fundamental means to stabilising the nation states) are not as divided as one may assume. The idea and existence of the nation-state always depended not only on loyal civil citizens, fabricated by the school, but also on brave and competent soldiers. It is the realm of the latter that has for a very long time been largely ignored by the educational sciences in their dedication to the good and pure inward life. Yet, very recent initiatives provide evidence of this: for instance, the “Education, War, & Peace” theme of the ISCHE conference in 2014,


\(^{28}\) Mayeur (1981), 661-64.

\(^{29}\) Thomas Arnold, Sermons Preached in the Chapel of Rugby School (London: B. Fellowes, 1833).

\(^{30}\) Georges Demenÿ, L’Éducation physique en Suède (Paris: Société d éditions scientifiques, 1892).

\(^{31}\) Capitaine Commandant Lefebure, L’Éducation physique en Suède (Brussels: H. Lamertin, 1903).

\(^{32}\) Lefebure (1903), xi.
held at the Institute of Education, University of London, or a conference on *Pulverdampf und Kreidestaub* [Gun Smoke and Chalk Dust] organised in Switzerland in 2015. Yet, there is a danger of overestimating formal similarities and underestimating cultural path dependencies. The popular but at least naïve reading of what is called the world polity thesis suggests that schools all over the world are in fact more or less the same. Accordingly, it is suggested that due to specific “world forces,” that is, some “cultural principles exogenous to any specific nation-state and its historical legacy,” the developments of schooling and curricula in the different nation states “show surprising degrees of homogeneity around the world” and that “variance across national societies is less noticeable than most arguments would have had it,” so that we may speak of a “world curriculum” in the “global village,” indicating the “relative unimportance of the national, so far as mass curricular outlines go.” The articles in this issue show that we are well advised to be more careful and understand the different social and cultural ambitions and visions behind the implementation of a particular school subject, for any particular school subject is a part of the overall curriculum designed to fabricate the future citizen of the particular nation-state, and these citizens were quite different.

Evidently, the school and its system of organising educational careers of the students is less sensitively oriented towards the inward morality than today’s educational research combatants for a better world may wish, and it is less nationally inherent than its rhetoric suggests. The history of physical education is an excellent example for learning not only about the history of physical education but also about the international and martial agenda that are and were compiled within dominant modes in constructing the nation-states. The history of physical education is therefore an object lesson not only of schooling but also of the vulnerability of educational research to reinforcing discursive *topoi* rather than to examine them. The fact that it is an international and historical journal such as the *Nordic Journal of Educational History* that offers a special issue for this attempt is not a coincidence, for it is devoted—like other historical journals in education with clearly international editorial boards, such as *Paedagogica Historica* or the *Bildungsgeschichte: International Journal for the Historiography of Education*—to deconstructing myths, reconstructing its development and to contribute to a better understanding of schooling.

The guest editors wish to express their gratefulness to the Editorial Team of the *Nordic Journal of Educational History* for accepting the idea of this special issue,
which can hopefully keep its promise that the history of physical education is, as it is the case with any other school subject, much more than the history of physical education. It is, in fact, a contribution to the somewhat hidden fact that there was indeed a pre-national(ist) Europe constituted by an educated public communicating in different networks like academies, expressing itself in different forms of publications and foremost in correspondences. They were the bearers of connecting visions of the future with education, paving the way for the emerging nation-states to incorporate and institutionalise this educationalised culture by transforming educational practices to binding curricula in the service of the fabrication of future loyal citizens.
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