**Appendix 2.** A list of changes made to the scope of the recent synthesis (Stefaniak et al., 2023) of fossil rhinoceros remains, including woolly rhinoceros, which were necessary for the compilation presented here.

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| **No.** | **Given by Stefaniak et al. (2023)** | **Remarks/Errors** | **Correction** | **Comments** |
| 1 | Pawłowski, 2003 | The reference is erroneous. | Pawłowska, 2022 | This should be corrected in future syntheses and works. |
| 2 | Brzeziny site | Given twice |  | One record is excluded and the site is given here only once. |
| 3 | Lack of references to Geraads et al. (2021) |  |  | The synthesis of Geraads et al. (2021) includes the majority of sites from the list of Stefaniak et al. (2023). |
| 4 | Chmeilnik site | Wrong site name given for *Stephanorhinus kirchbergensis* | Chmielnik site | This should be corrected in future syntheses and works. |
| 5 | Chmielni | 1. Wrong site name given for *Coelodonta antiquitatis*.  2. Wrong context given: the site is not a quarry. | Chmielnik site.  The site is an outcrop. | This should be corrected in future syntheses and works. |
| 6 | Chorzów site | Site was not reported by Pax, 1921, which instead reported the Skarszyn site. |  | This should be corrected in future syntheses and works. |
| 7 | Czarnawka site near Zabrze | Wrong site name. | Czarniawka site | This should be corrected in future syntheses and works. |
| 8 | Czerwonak (Poznań, Czerwonak) | Wrong site name. | Czerwonak near Poznań | This should be corrected in future syntheses and works. |
| 9 | Czerwoniak | Kowalski, 1959 does not mention this site. |  | This should be corrected in future syntheses and works. |
| 10 | Czerwonka, country Reszel | Wrong site name. Reszel is a town today, not county. | Czerwonka | This should be corrected in future syntheses and works. |
| 11 | Dąbrówka Mała; this publication | Site not presented for the first time. Earlier work not cited: this site was described first by Ryziewicz (1933). | Ryziewicz, 1933 | This should be corrected in future syntheses and works. |
| 12 | Dębiec, near Poznań | Dębiec is a district of Poznań. | Dębiec, Poznań | This should be corrected in future syntheses and works. |
| 13 | Gdańsk, Cyganki | Wrong site name. | Suchanino, Gdańsk | This should be corrected in future syntheses and works. |
| 14 | Gorzóchów site | Wrong site name and location. | Gorzuchów-Święcko | This should be corrected in future syntheses and works. |
| 15 | Poland: Grodno, Belarus | Wrong country and location given. | Excluded from the Polish synthesis | This should be corrected in future syntheses and works. |
| 16 | Kadzielnia site | Wrong site name. Kadzielnia is a hill in the city of Kielce. | Kadzielnia, Kielce | This should be corrected in future syntheses and works. |
| 17 | Kamieńczyk site | 1. The material comes from two sites.  2. Kowalski (1959) did not report this site. | Kamieńczyk site and Kamieńczyk nad Liwcem site. | The misquotation has been removed in this synthesis. This should be corrected in future syntheses and works. |
| 18 | Konin site; this publication; MIS 5e | Site was described earlier (Borsuk-Białynicka, 1973; Geraads et al., 2019).  Erroneous MIS (for *Coelodonta antiquitatis* finds). | MIS 3 | This should be corrected in future syntheses and works. |
| 19 | Kraków, Ludwinów site | 1. Kowalski (1959) did not report this site.  2. Wrong site name. | Ludwinów, Kraków | The misquotation has been removed in this synthesis. This should be corrected in future syntheses and works. |
| 20 | Lubań, county Poznań site | Wrong site name. | Luboń near Poznań | A correction to the name of the site was made in 2015 (Pawłowska, 2015). This should be corrected in future syntheses and works. |
| 21 | Ławy near Łosice site; this publication | 1. This is the same site as Ławy near Siedlce.  2. Site not presented for the first time. The site and its woolly rhino remains have be previously described (Hrynowiecka et al., 2018). | Excluded from the Polish synthesis. | Since Ławy site was already included in the list, here both records and data are combined.  This should be corrected in future syntheses and works. |
| 22 | Mosina site; this publication | 1. Wrong site name. The skull comes from a gravel pit at Krosinko near Mosina  2. Site not presented for the first time. The skull was investigated earlier (Pawłowska, 2022, 2023). | Krosinko site | Since Krosinko site was already included in the list, here both records and data are combined.  This should be corrected in future syntheses and works. |
| 23 | Nida River near Czarkowy; this publication | 1. Wrong context given: the skull did not come from the fluvial context  2. Site not presented for the first time. These specimens were previously investigated and the site was described (Osmólski, 1972; Borsuk-Białynicka, 1973; Geraads et al.2021). Taphonomic research (Pawłowska, 2022; WOOLRHINOPOLI study) excludes the possibility of them coming from a fluvial context. | Czarkowy | This should be corrected in future syntheses and works. |
| 24 | Nowa Dęba, county Świecie | Wrong site name. Nowa Dęba is in the Podkarpackie Voivodeship (Nowa Dęba County). | Nowa Dobra | This should be corrected in future syntheses and works. |
| 25 | Nowawieś Chełmińska site | Kowalski (1959) did not report this site. |  | This should be corrected in future syntheses and works. |
| 26 | Okkiennik Cave (Okiennik Rock Sheleter) | Wrong site names. | Okiennik Cave (Okiennik Rock Shelter) | This should be corrected in future syntheses and works. |
| 27 | Otmuchów, county Grodków | Wrong name of county. | Otmuchów, Nyski county | This should be corrected in future syntheses and works. |
| 28 | Południowe Rock Sheleter; Sheleter above Zegar Cave | Wrong site name. | Południowa Rock Shelter; Shelter above Zegar Cave | This should be corrected in future syntheses and works. |
| 29 | Poznań, Rataje site | Pawłowska (2015) did not report this site. | Excluded from the Polish synthesis. | This should be corrected in future syntheses and works. |
| 30 | Poznań, Szeląg | Wrong site name. | Szelągowska, Stare Miasto, Poznań or Szelągowska, Poznań | A correction to the name of the site was made in 2015 (Pawłowska, 2015). This should be corrected in future syntheses and works. |
| 31 | Pyskowice site; Woroncowa-Marcinowska et al. (2015) | Wrong citation. | Woroncowa-Marcinowska et al. (2017) | This should be corrected in future syntheses and works. |
| 32 | Pyskowice-Dzierżno | Wrong site name. The cited word described remains from Pyskowice Rzeczyce. | Pyskowice–Rzeczyce | This should be corrected in future syntheses and works. |
| 33 | Racibórz-Ostróg site | Ostróg is a district of Racibórz. | Ostróg, Racibórz site | This should be corrected in future syntheses and works. |
| 34 | Rzeczyca near Pyskowice | Wrong site name. | Rzeczyce near Pyskowice | This should be corrected in future syntheses and works. |
| 35 | Siedliszowice site; this publication | Site not presented for the first time. The material has been previously studied (Pawłowska, 2012; also, numerous reports in the press media) | Siedliszowice site | This should be corrected in future syntheses and works. |
| 36 | Spławie neat Pyzdry | Erroneous name.  Material was investigated earlier (Pawłowska, 2017b). | Spławie near Pyzdry | This should be corrected in future syntheses and works. |
| 37 | Starołęka, county Poznań | Wrong site name. Starołęka is a district of Poznań. | Starołęka, Poznań | This should be corrected in future syntheses and works. |
| 38 | Szczecin site; this publication | Site not presented for the first time. Earlier studies of this site, including radiocarbon dating, come from 2012 and 2021 (Stuart & Lister, 2012; Geraads et al., 2021). | Szczecin site | This should be corrected in future syntheses and works. |
| 39 | Szczęśliwice site | Wrong site name. | Glinianki Szczęśliwickie site | This should be corrected in future syntheses and works. |
| 40 | Targowsiko gravel pit site | Wrong site name. | Targowisko site | This should be corrected in future syntheses and works. |
| 41 | Wiercica Cave; Croitor et al., 2014 | Croitor et al. (2014) did not describe rhino remains from this site. |  | This should be corrected in future syntheses and works. |
| 42 | Wilga River Valley county Garwolin site | Wrong site name.  This site and the site called ‘Garwolin’ are the same. | Garwolin site | Since the Garwolin site was already included in the list, both records and their data are combined here. This should be corrected in future syntheses and works. |
| 43 | Wilowice site; this publication | Wrong site name. | Wilkowice site | This should be corrected in future syntheses and works. |
| 44 | Winnica Mountain near Kamień Mściowski | Wrong site name.  The site and rhinoceros were investigated by Woroncowa-Marcinowska et al. (2013, 2017), ang given by Geraads et al. (2021). | Góra Winnica near Kamień Mściowski | References changed here. This should be corrected in future syntheses and works. |
| 45 | Wisłok River, Rzeszów, Lisia Góra | Rzeszów is a region given by Borsuk-Białynicka (1973) and not the site. The site is Lisia Góra; this name was also given by a previous author (Geraads et al., 2021) but is not included in the list. | Wisłok River, in the vicinity of Lisia Góra or Lisia Góra, Wisłok river | Changes introduced here. This should be corrected in future syntheses and works. |
| 46 | Wrocła | Wrong site name. | ul. Hallera, Wrocław | Changes introduced here. This should be corrected in future syntheses and works. |
| 47 | Chełm site; ? Chełm site | Given twice. |  | Since the Chełm site has already been included in the list, both records and their data are combined here. |
| 48 | Kamieńczyk site | Erroneously cited. Neither Slósarski nor Kowalski dealt with this site. |  | This should be corrected in future syntheses and works. |
| 49 | 44000 ± 140 | Results of radiocarbon dating contain error. | 44000 ± 1400 |  |
| 50 | Krosinko 1, Krosinko 2, Krosinko 3 | Wrong site name. | Krosinko | Krosinko is one site, not three (Pawłowska, 2003, 2010, 2017, 2022, 2023). |
| 51 | Radiocarbon data and calibration | Given inconsistently—for example, Skarszyn is given as 16,213 cal yrs. BP in Table and 16,460 cal yrs. BP in the text. Calibration given inconsistent with radiocarbon dates. |  | Data collected here independently. This should be corrected in future syntheses and works. |
| 52 | Radiocarbon data and calibration | Given inconsistently—another example, Konin is given as 46269 [46835-45838] in Table (Supplementary) and  46771 [50711-44344] in Table 1. |  | Data collected here independently. This should be corrected in future syntheses and works. |
| 53 | Radiocarbon data and calibration | Given inconsistently—another example, Wadowice is given as 16500 ± 100 uncal. BP and 19923 [20200-19595] cal. BP in Table (Supplementary) and 16650 ± 100 ucal. BP and 20126 [20412-19867] in Table 1. |  | Data collected here independently. This should be corrected in future syntheses and works. |
| 54 | Sites and radiocarbon data and calibration | The Starunia site is given once as a Polish and again as a Ukrainian locality. | Ukraine | This should be corrected in future syntheses and works. |
| 55 | Piaseczno; this publication | Site not presented for the first time. These specimens were previously investigated by Kamilla Pawłowska and the site was described (Majewska, 2015). |  | This should be corrected in future syntheses and works. |
| 56 | 38500 ± 2000 (Radiocarbon data and calibration) | Results of radiocarbon dating contain error. | 38500 ± 900 | Data collected here independently. This should be corrected in future syntheses and works. |
| 57 | References | References should be used with caution because many of the works cited did not deal with the study of the remains of the woolly rhinoceros. |  | Not used here. |