

**Veterinární univerzita Brno
Fakulta veterinárního lékařství
Ústav anatomie, histologie a embryologie**

OBRAZOVÝ ATLAS VETERINÁRNÍ OSTEOLOGIE

**MVc. Karolína Mauermannová
MVDr. Martin Pyszko, Ph.D.**



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Poděkování

Nejprve bychom rádi poděkovali vedení naší univerzity a fakulty za to, že nám umožnilo vypracovat předkládaný výukový materiál v rámci Interní Vzdělávací Agentury (IVA VETUNI). Mnoho díky patří také prof. MVDr. Františku Tichému, CSc., přednostovi Ústavu anatomie, histologie a embryologie, za materiální pomoc a poskytnutí prostor k provedení praktické části našeho projektu. A v neposlední řadě děkujeme i kolegovi MVDr. Ondřeji Horákovi za rady při kompletaci a grafické úpravě tohoto díla.

1. SKELETON AXIALE - osová kostra

1.1. CRANIUM - lebka (včetně dolní čelisti) - obrázky 1 až 12

A) Neurocranium - mozková část lebky

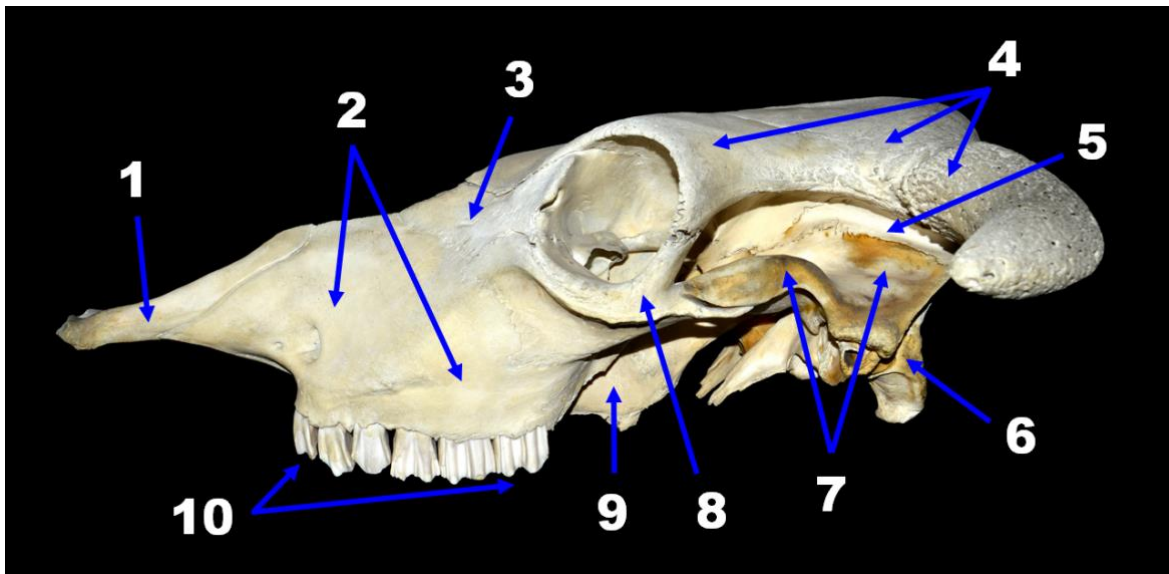
- Os occipitale
- Os basisphenoidale et os presphenoidale
- Os ethmoidale
- Os frontale et os temporale
- Os parietale et os interparietale

B) Splanchnocranium - obličejová část lebky

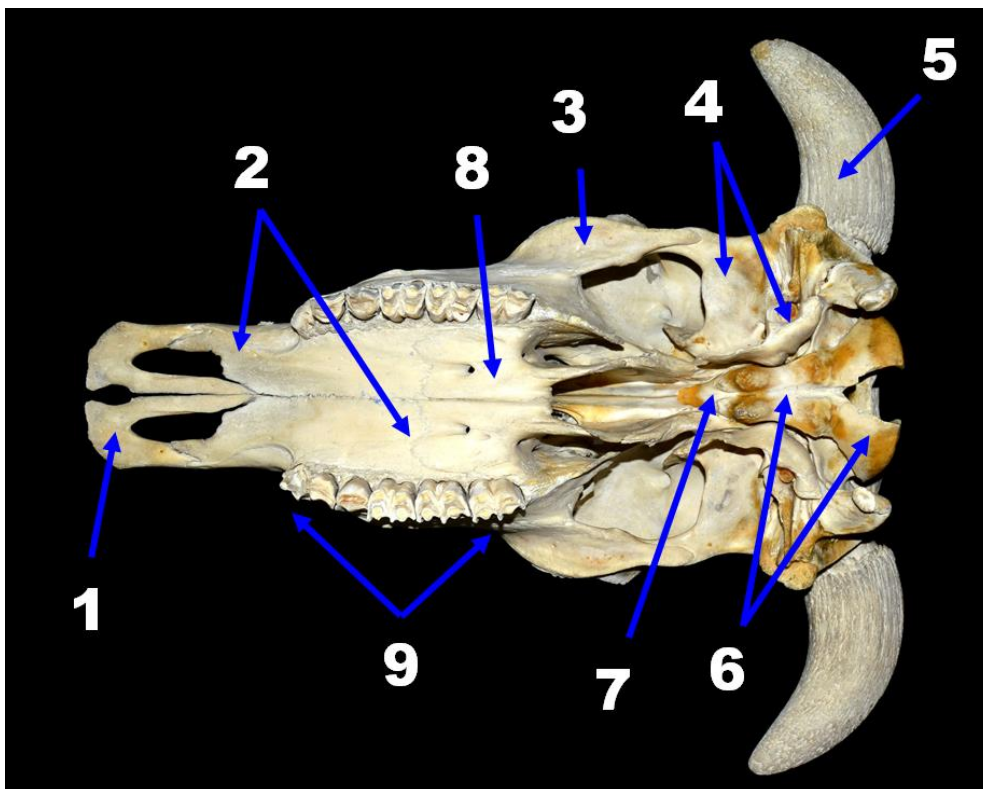
- Maxilla
- Os incisivum et os nasale
- Os lacrimale et os zygomaticum
- Os palatinum et os pterygoideum
- Vomer et conchae nasales

C) Mandibula - dolní čelist

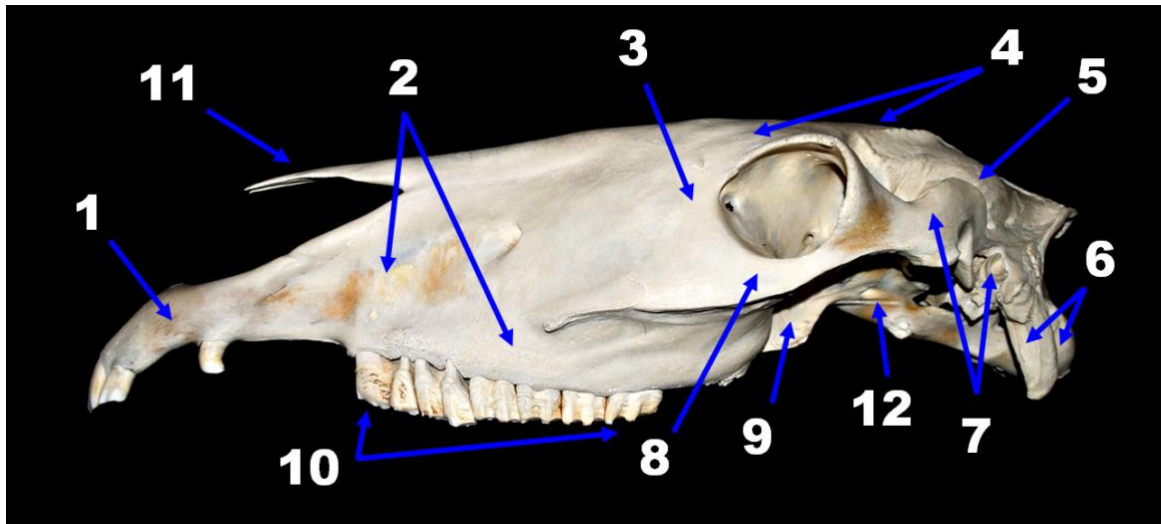
- Corpus mandibulae et ramus mandibulae
- Angulus mandibulae et angulus mentalis
- Processus angularis et fossa masseterica (Ca)
- Processus condylaris s caput mandibulae et collum mandibulae
- Processus coronoideus et incisura mandibulae
- Tuberositas
- Incisura vasorum facialium
- Foramen mandibulae et foramen mentale



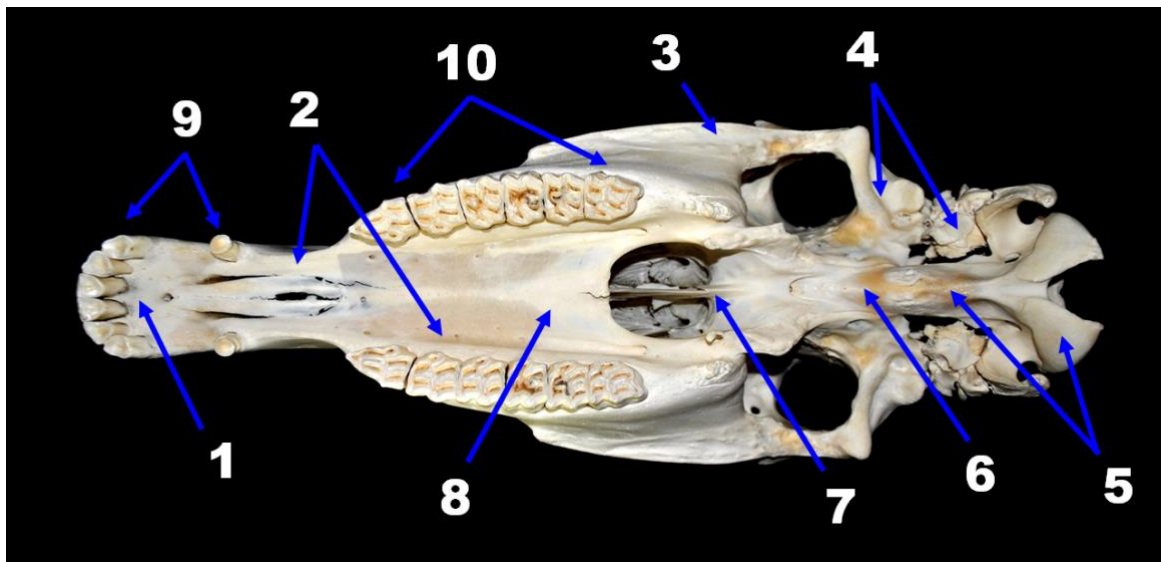
Obr. 1: Cranium, *Bos taurus*, aspectus lateralis. 1 - os incisivum, 2 - maxilla, 3 - os lacrimale, 4 - os frontale, 5 - os parietale, 6 - os occipitale, 7 - os temporale, 8 - os zygomaticum, 9 - os palatinum, 10 - dentes premolares et molares.



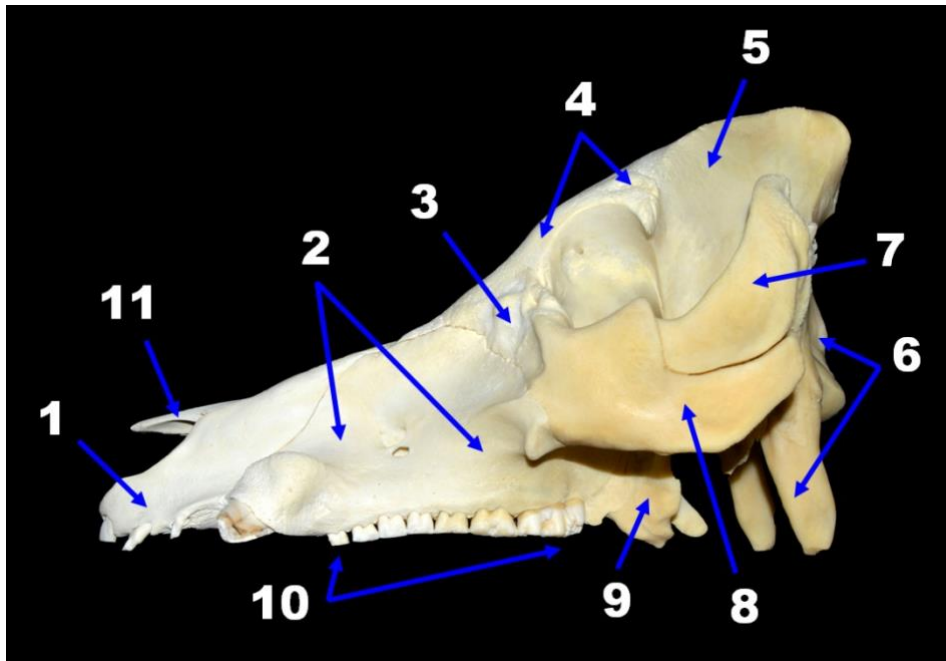
Obr. 2: Cranium, *Bos taurus*, aspectus ventralis. 1 - os incisivum, 2 - maxilla, 3 - os zygomaticum, 4 - os temporale, 5 - os frontale (processus cornualis), 6 - os occipitale, 7 - os basisphenoidale, 8 - os palatinum, 9 - dentes premolares et molares.



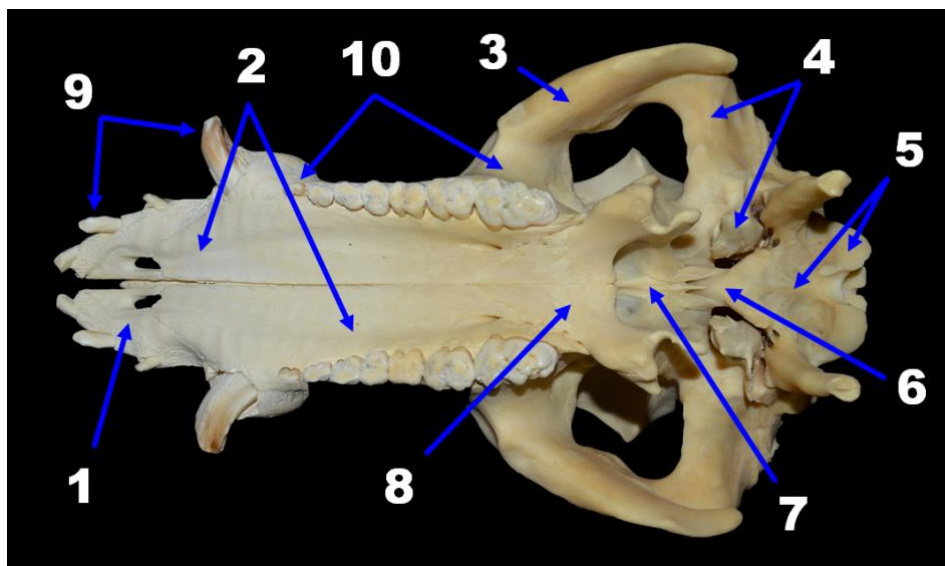
Obr. 3: Cranium, Equus caballus, aspectus lateralis. 1 - os incisivum, 2 - maxilla, 3 - os lacrimale, 4 - os frontale, 5 - os parietale, 6 - os occipitale, 7 - os temporale, 8 - os zygomaticum, 9 - os palatinum, 10 - dentes premolares et molares, 11 - os nasale, 12 - os basisphenoidale.



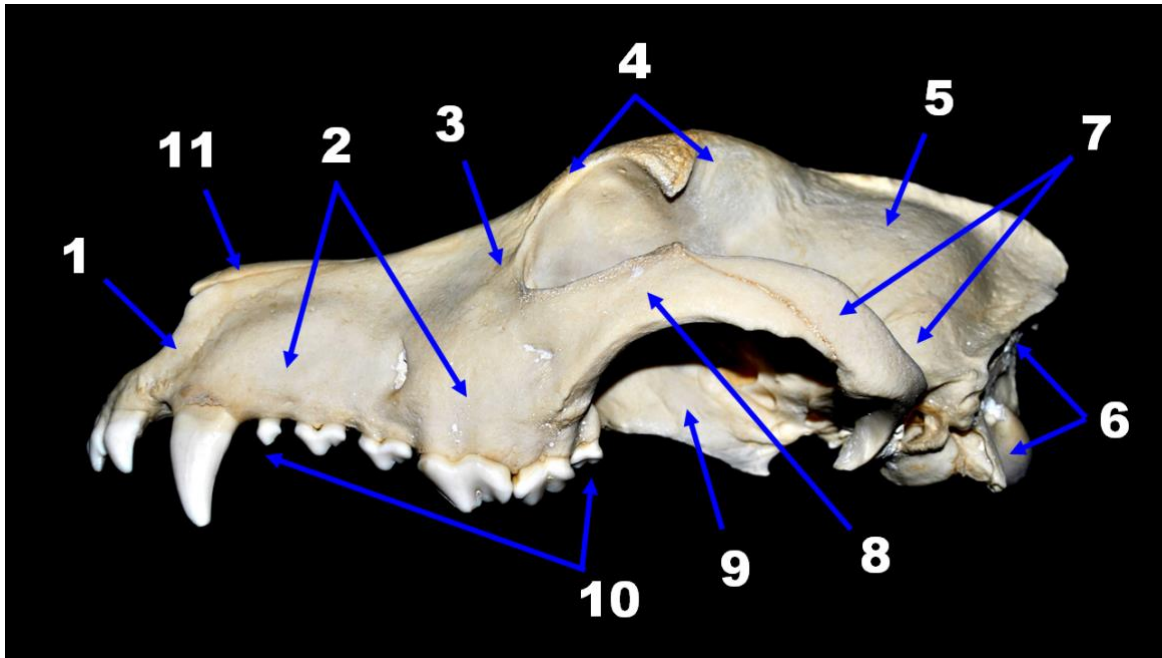
Obr. 4: Cranium, Equus caballus, aspectus ventralis. 1 - os incisivum, 2 - maxilla, 3 - os zygomaticum, 4 - os temporale, 5 - os occipitale, 6 - os basisphenoidale, 7 - vomer, 8 - os palatinum, 9 - dentes incisivi et canini, 10 - dentes premolares et molares.



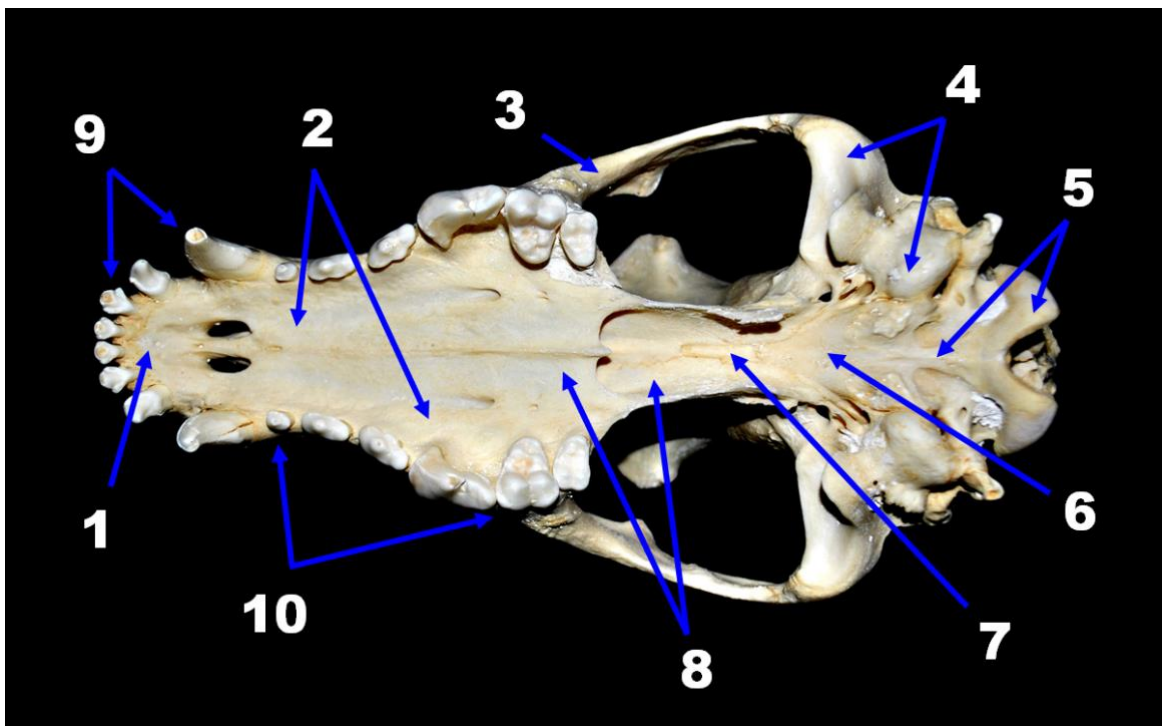
Obr. 5: Cranium, Sus scrofa, aspectus lateralis. 1 - os incisivum, 2 - maxilla, 3 - os lacrimale, 4 - os frontale, 5 - os parietale, 6 - os occipitale, 7 - os temporale, 8 - os zygomaticum, 9 - os palatinum, 10 - dentes premolares et molares, 11 - os nasale.



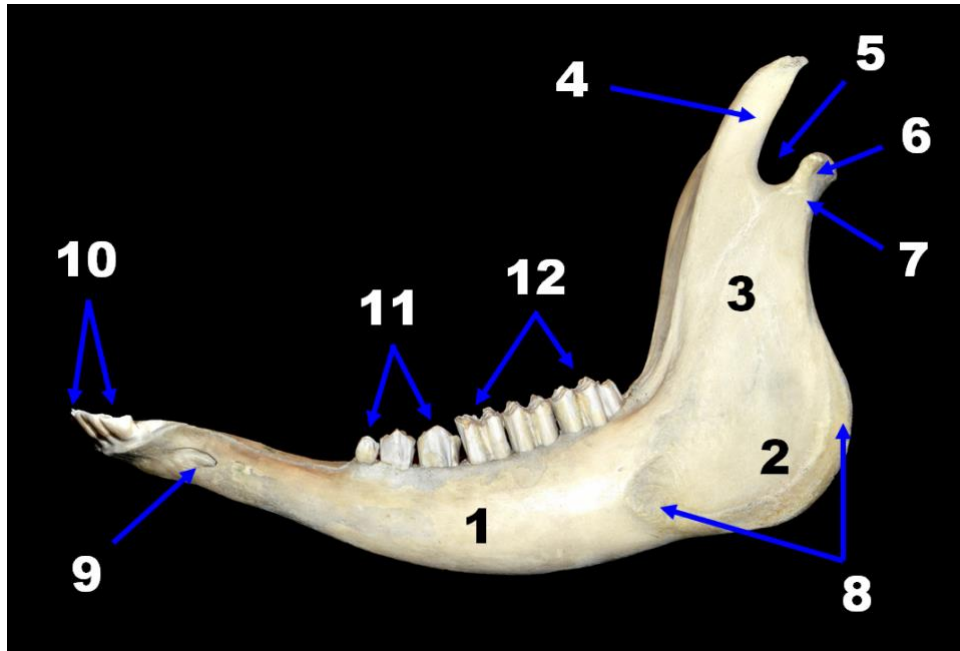
Obr. 6: Cranium, Sus scrofa, aspectus ventralis. 1 - os incisivum, 2 - maxilla, 3 - os zygomaticum, 4 - os temporale, 5 - os occipitale, 6 - os basisphenoidale, 7 - vomer, 8 - os palatinum, 9 - dentes incisivi et canini, 10 - dentes premolares et molares.



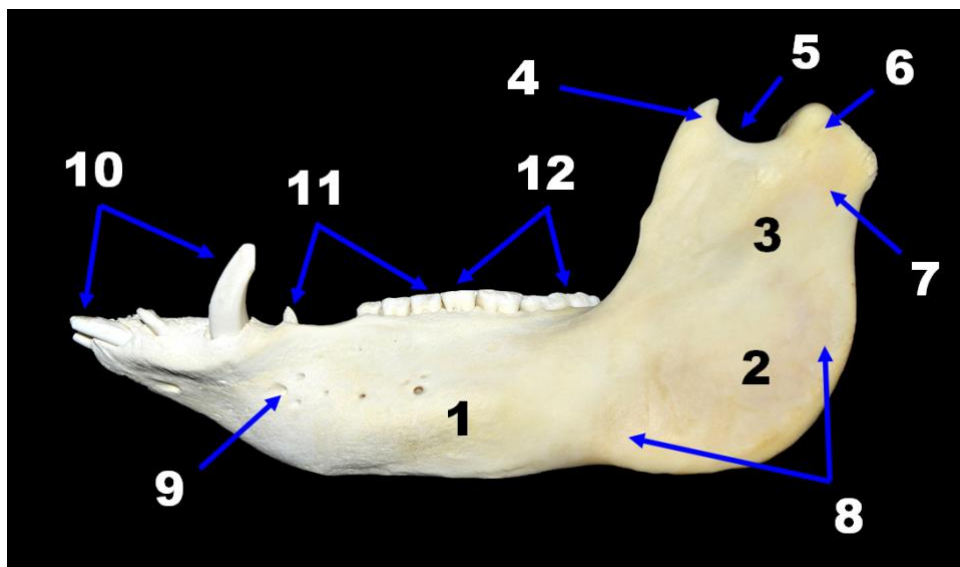
Obr. 7: Cranium, *Canis familiaris*, aspectus lateralis. 1 - os incisivum, 2 - maxilla, 3 - os lacrimale, 4 - os frontale, 5 - os parietale, 6 - os occipitale, 7 - os temporale, 8 - os zygomaticum, 9 - os palatinum, 10 - dentes premolares et molares, 11 - os nasale.



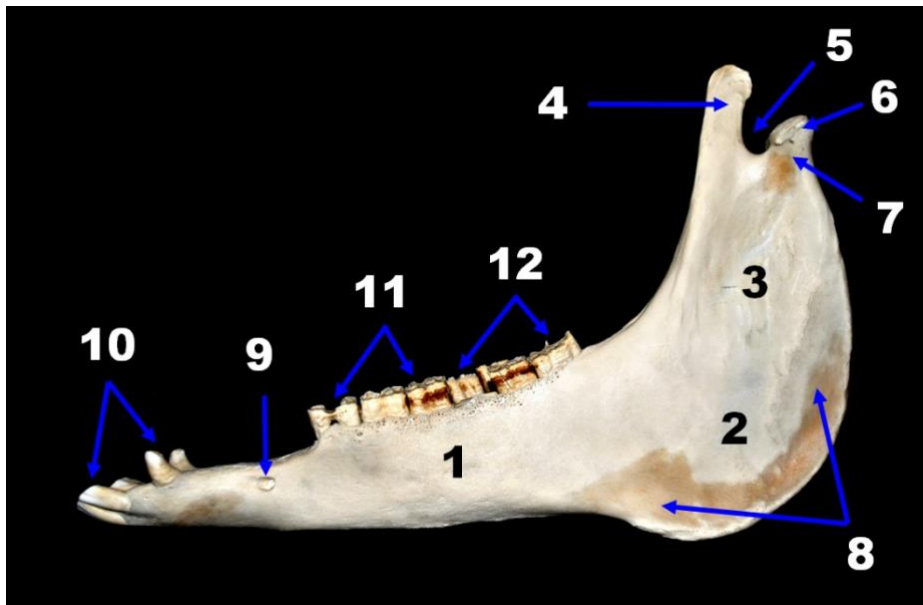
Obr. 8: Cranium, *Canis familiaris*, aspectus ventralis. 1 - os incisivum, 2 - maxilla, 3 - os zygomaticum, 4 - os temporale, 5 - os occipitale, 6 - os basisphenoidale, 7 - os presphenoidale, 8 - os palatinum, 9 - dentes incisivi et canini, 10 - dentes premolares et molares.



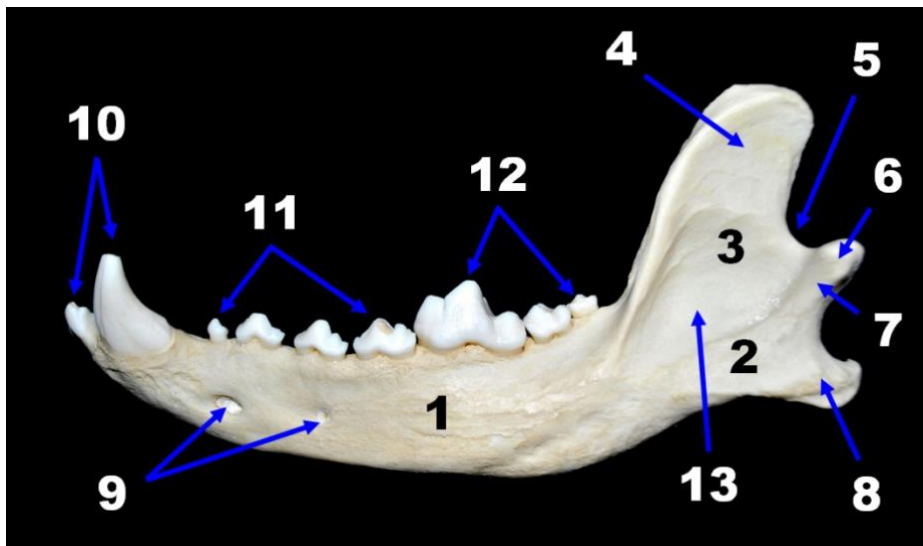
Obr. 9: Mandibula, *Bos taurus*, aspectus lateralis. 1 - corpus mandibulae, 2 - angulus mandibulae, 3 - ramus mandibulae, 4 - processus coronoideus, 5 - incisura mandibulae, 6 - processus condylaris s caput mandibulae, 7 - collum mandibulae, 8 - tuberositas masseterica, 9 - foramen mentale, 10 - dentes incisivi et dens caninus, 11 - dentes premolares, 12 - dentes molares.



Obr. 10: Mandibula, *Sus scrofa*, aspectus lateralis. 1 - corpus mandibulae, 2 - angulus mandibulae, 3 - ramus mandibulae, 4 - processus coronoideus, 5 - incisura mandibulae, 6 - processus condylaris s caput mandibulae, 7 - collum mandibulae, 8 - tuberositas masseterica, 9 - foramen mentale, 10 - dentes incisivi et dens caninus, 11 - dentes premolares, 12 - dentes molares.



Obr. 11: Mandibula, Equus caballus, aspectus lateralis. 1 - corpus mandibulae, 2 - angulus mandibulae, 3 - ramus mandibulae, 4 - processus coronoideus, 5 - incisura mandibulae, 6 - processus condylaris s caput mandibulae, 7 - collum mandibulae, 8 - tuberositas masseterica, 9 - foramen mentale, 10 - dentes incisivi et canini, 11 - dentes premolares, 12 - dentes molares.



Obr. 12: Mandibula, Canis familiaris, aspectus lateralis. 1 - corpus mandibulae, 2 - angulus mandibulae, 3 - ramus mandibulae, 4 - processus coronoideus, 5 - incisura mandibulae, 6 - processus condylaris s caput mandibulae, 7 - collum mandibulae, 8 - processus angularis, 9 - foramina mentalia, 10 - dentes incisivi et dens caninus, 11 - dentes premolares, 12 - dentes molares, 13 - fossa masseterica.

1.2. COLUMNA VERTEBRALIS - páteř - obrázky 13 až 66

A) Corpus vertebrae - tělo obratle

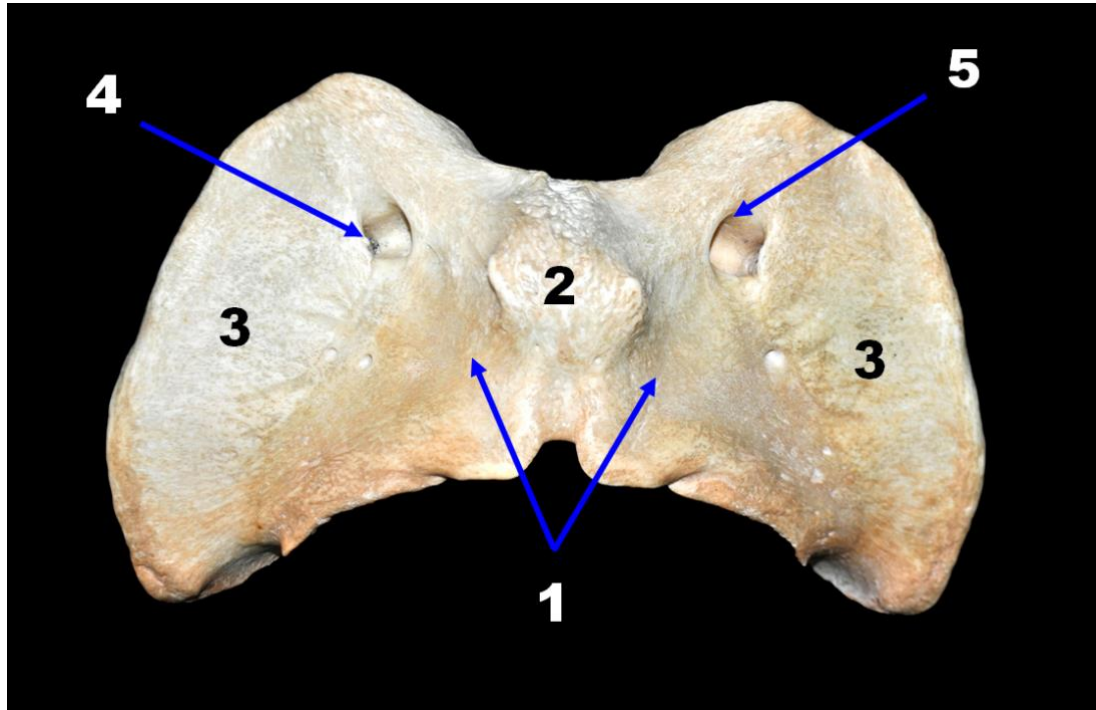
- Extremitas cranialis (Caput vertebrae)
- Extremitas caudalis (Fossa vertebrae)
- Crista ventralis
- Dens axis (C2)
- Fovea costalis cranialis (Th1-Th18) et fovea costalis caudalis (C7, Th)

B) Arcus vertebrae - oblouk obratle

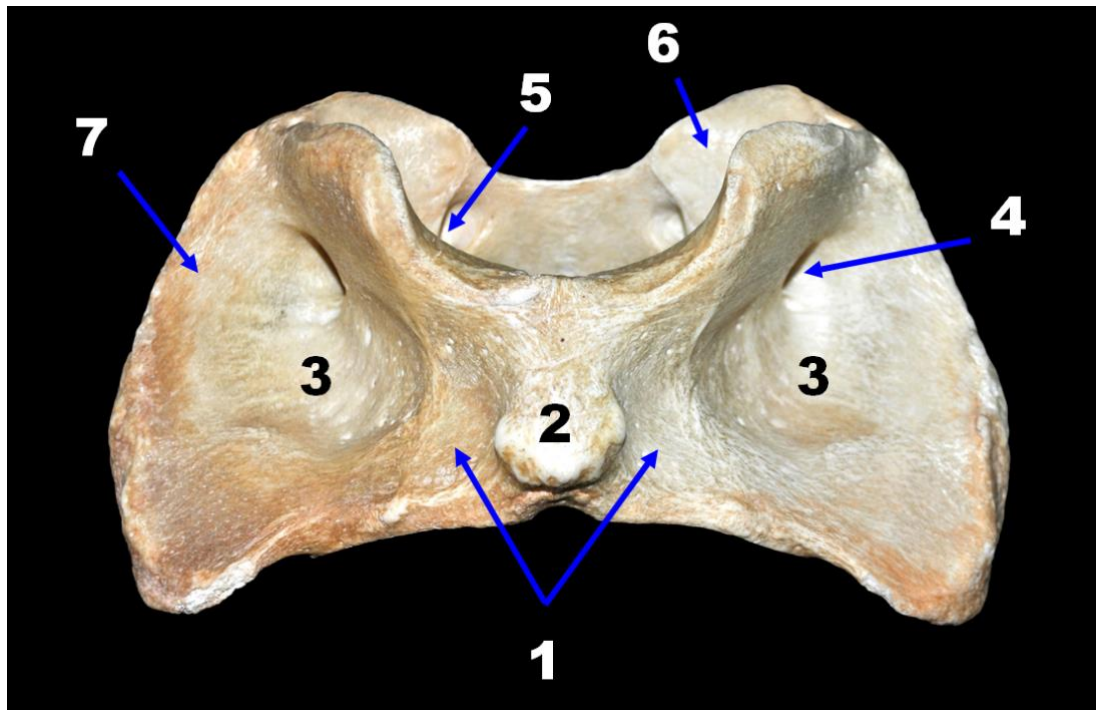
- Pediculus arcus vertebrae
- Lamina arcus vertebrae
- Foramen vertebrale et foramen vertebrale laterale
- Incisura vertebralis cranialis et caudalis
- Foramen intervertebrale
- Foramen transversarium (C1-C6)
- Arcus dorsalis et ventralis (C1)

C) Processus vertebrae - výběžky obratle

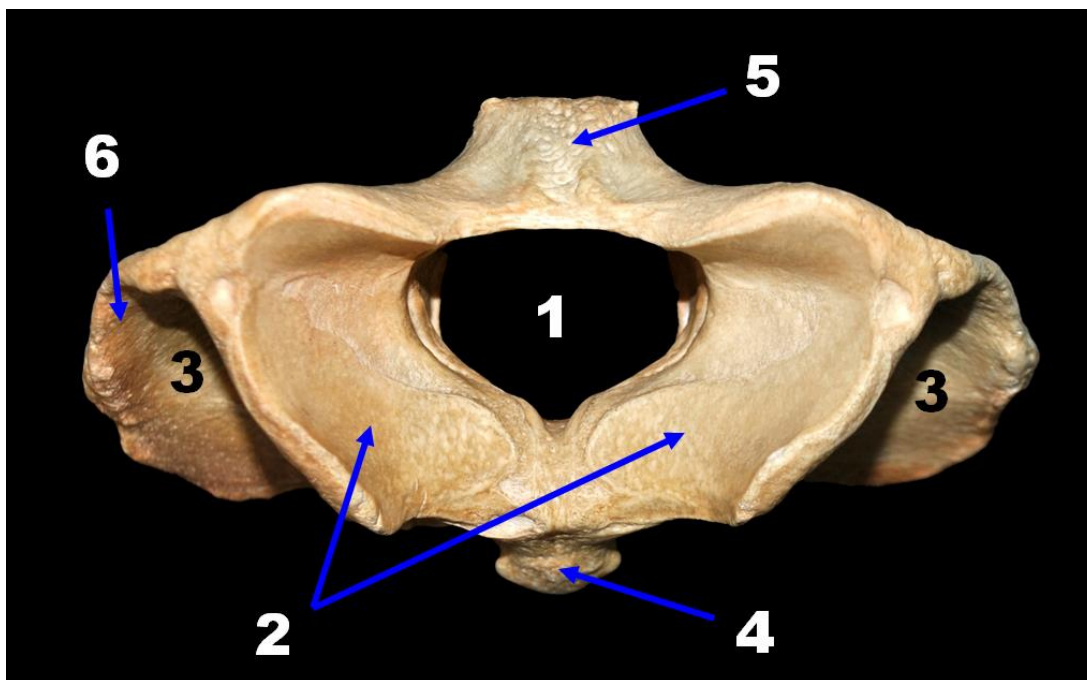
- Processus spinosus
- Processus articularis cranialis et caudalis
- Processus transversus
- Processus costarius
- Processus mamillaris
- Processus accessorius (Car)
- Lamina ventralis (C6)
- Ala atlantis s foramen alare (C1) seu incisura alaris (Car)



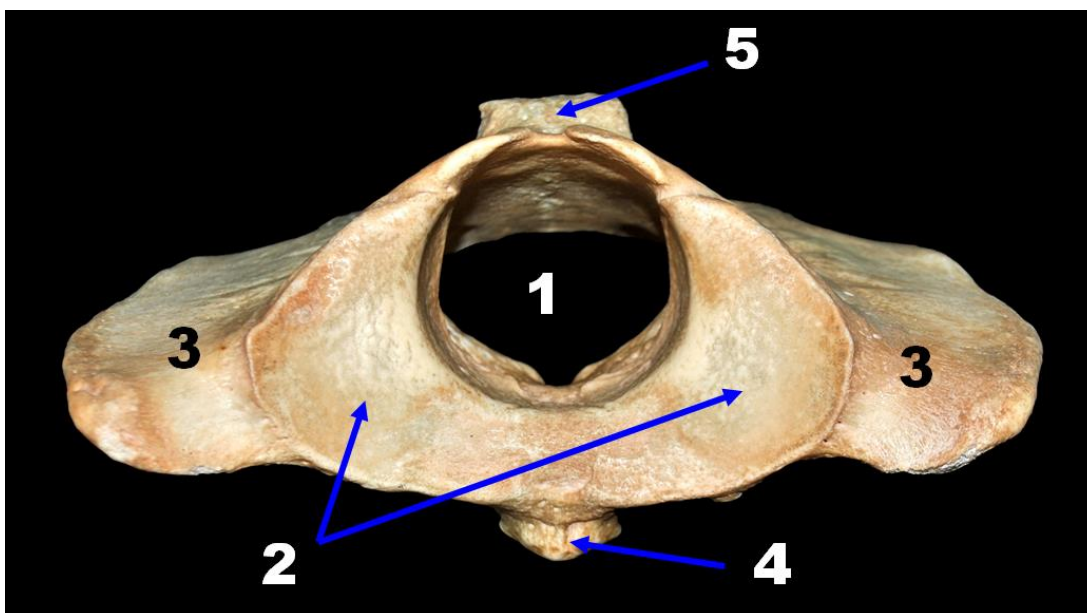
Obr. 13: Atlas, *Bos taurus*, aspectus dorsalis. 1 - arcus dorsalis, 2 - tuberculum dorsale, 3 - ala atlantis (processus transversus), 4 - foramen alare, 5 - foramen vertebrale laterale.



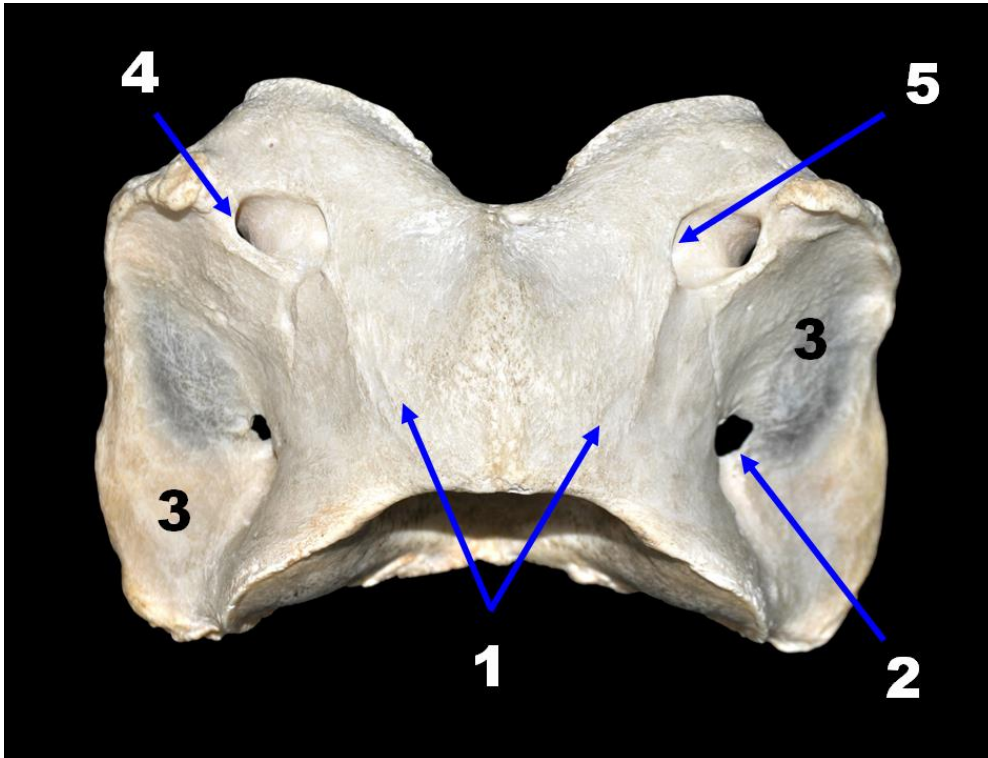
Obr. 14: Atlas, *Bos taurus*, aspectus ventralis. 1 - arcus ventralis, 2 - tuberculum ventrale, 3 - fossa atlantis, 4 - foramen alare, 5 - foramen vertebrale laterale, 6 - fovea articularis cranialis, 7 - ala atlantis (processus transversus).



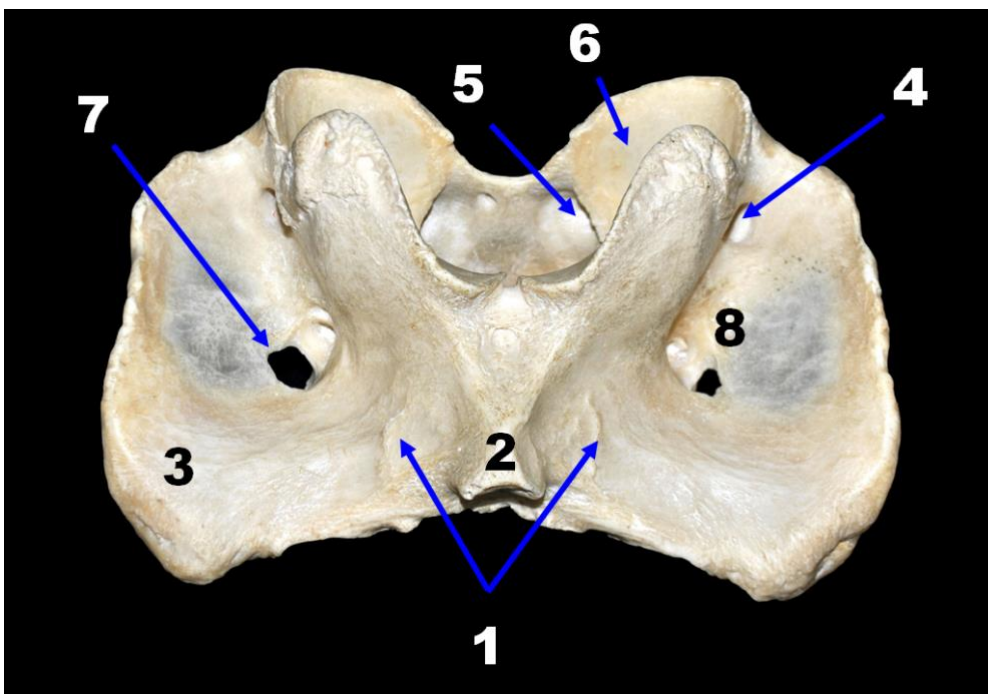
Obr. 15: Atlas, *Bos taurus*, aspectus cranialis. 1 - foramen vertebrale, 2 - fovea articularis cranialis, 3 - fossa atlantis, 4 - tuberculum ventrale, 5 - tuberculum dorsale, 6 - ala atlantis (processus transversus).



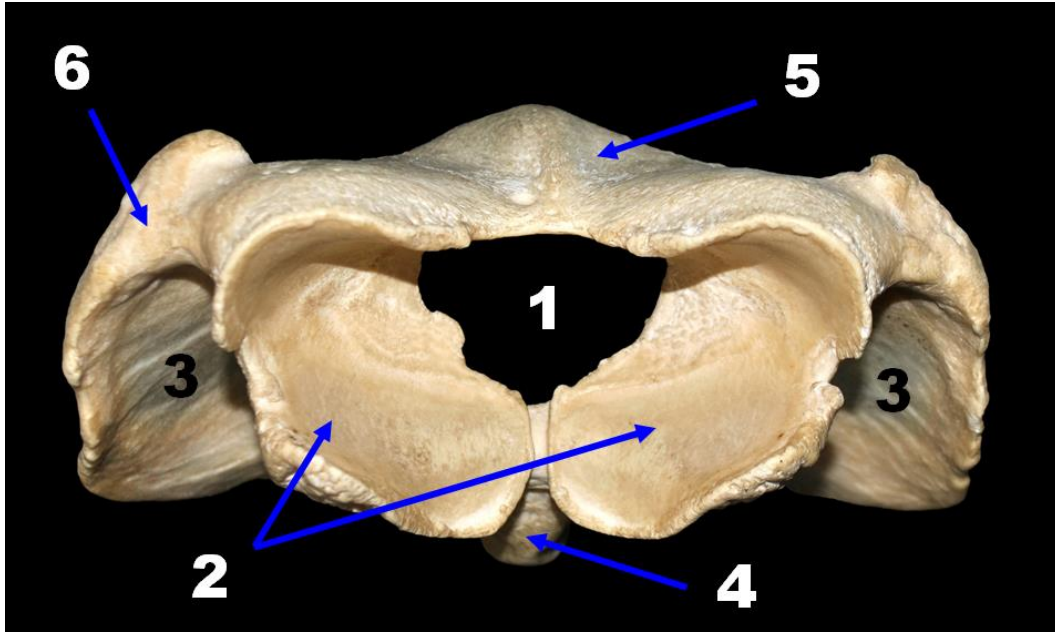
Obr. 16: Atlas, *Bos taurus*, aspectus caudalis. 1 - foramen vertebrale, 2 - fovea articularis caudalis, 3 - ala atlantis (processus transversus), 4 - tuberculum ventrale, 5 - tuberculum dorsale.



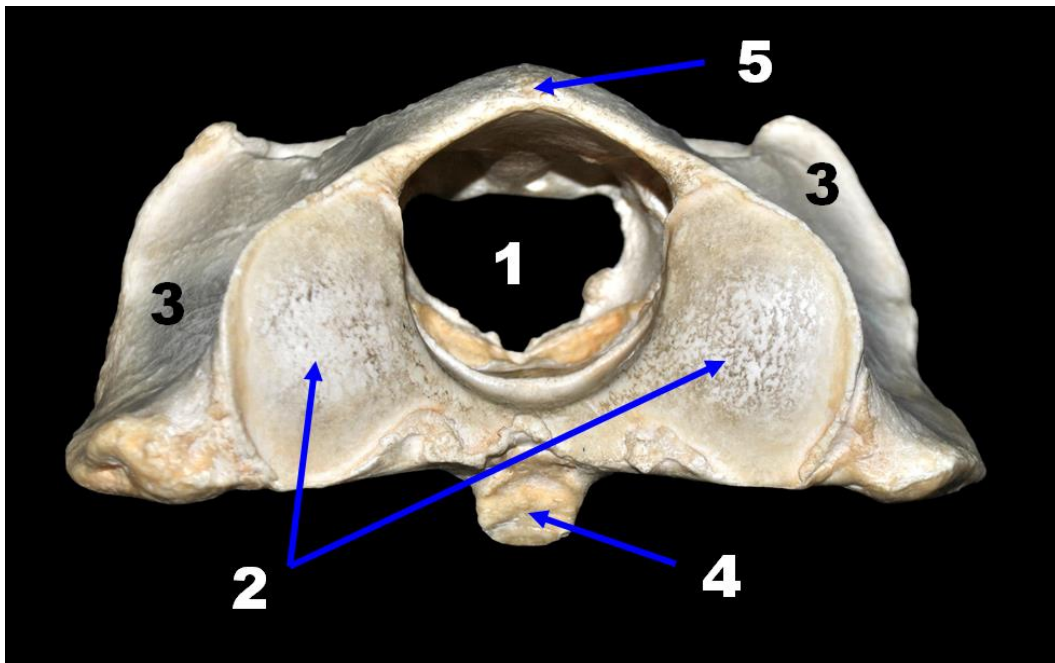
Obr. 17: Atlas, Equus caballus, aspectus dorsalis. 1 - arcus dorsalis, 2 - foramen transversarium, 3 - ala atlantis (processus transversus), 4 - foramen alare, 5 - foramen vertebrale laterale.



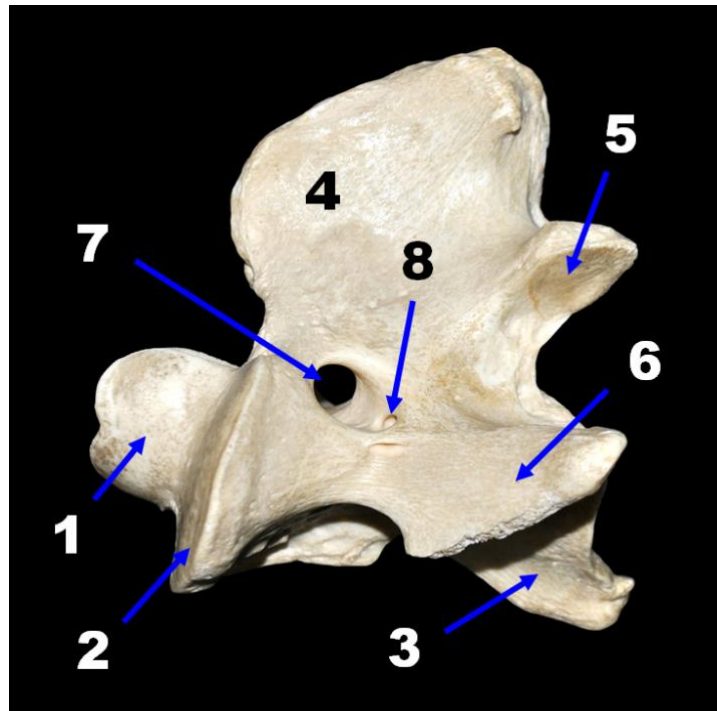
Obr. 18: Atlas, Equus caballus, aspectus ventralis. 1 - arcus ventralis, 2 - tuberculum ventrale, 3 - ala atlantis (processus transversus), 4 - foramen alare, 5 - foramen vertebrale laterale, 6 - fovea articularis cranialis, 7 - foramen transversarium, 8 - fossa atlantis.



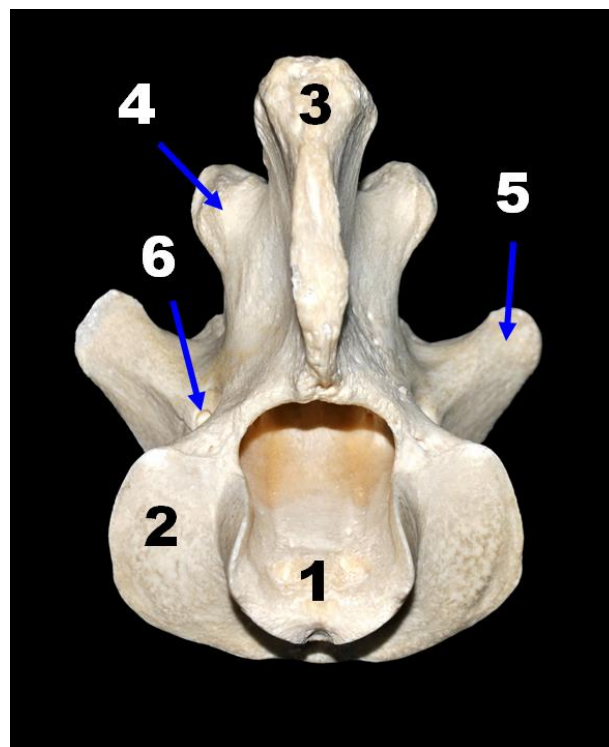
Obr. 19: Atlas, Equus caballus, aspectus cranialis. 1 - foramen vertebrale, 2 - fovea articularis cranialis, 3 - fossa atlantis, 4 - tuberculum ventrale, 5 - arcus dorsalis, 6 - ala atlantis (processus transversus).



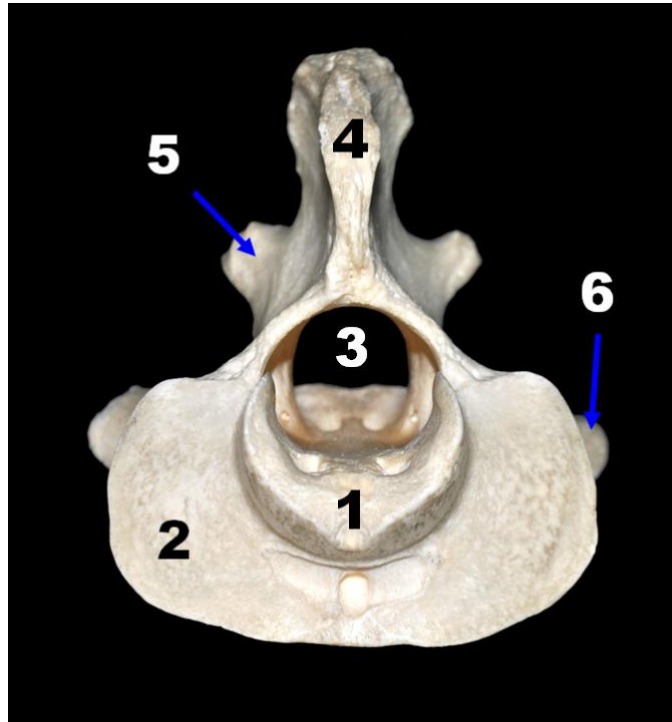
Obr. 20: Atlas, Equus caballus, aspectus caudalis. 1 - foramen vertebrale, 2 - fovea articularis caudalis, 3 - ala atlantis (processus transversus), 4 - tuberculum ventrale, 5 - arcus dorsalis.



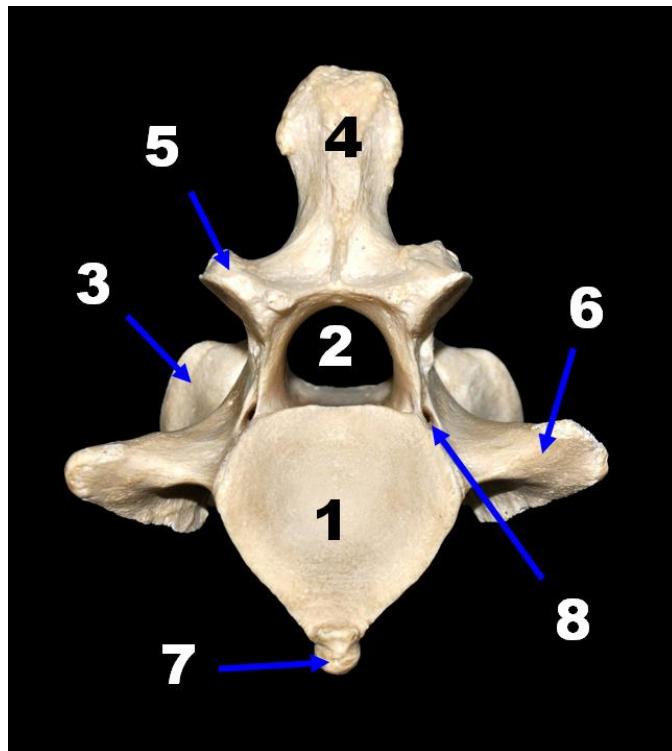
Obr. 21: Axis, Bos taurus, aspectus lateralis. 1 - dens axis, 2 - processus articularis cranialis, 3 - crista ventralis, 4 - processus spinosus, 5 - processus articularis caudalis, 6 - processus transversus, 7 - foramen vertebrale laterale, 8 - foramen transversarium.



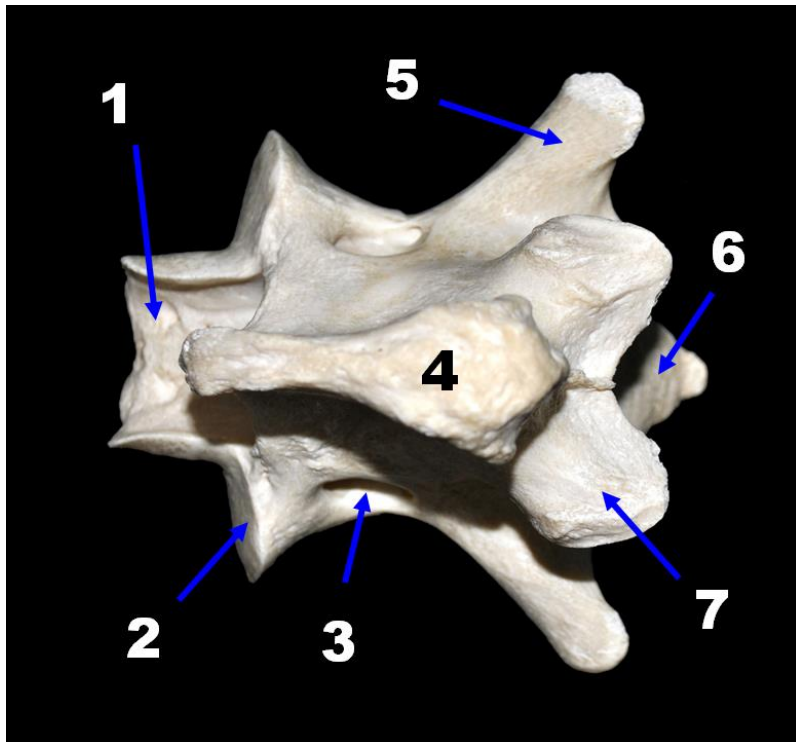
Obr. 22: Axis, Bos taurus, aspectus craniodorsalis. 1 - dens axis, 2 - processus articularis cranialis, 3 - processus spinosus, 4 - processus articularis caudalis, 5 - processus transversus, 6 - foramen transversarium.



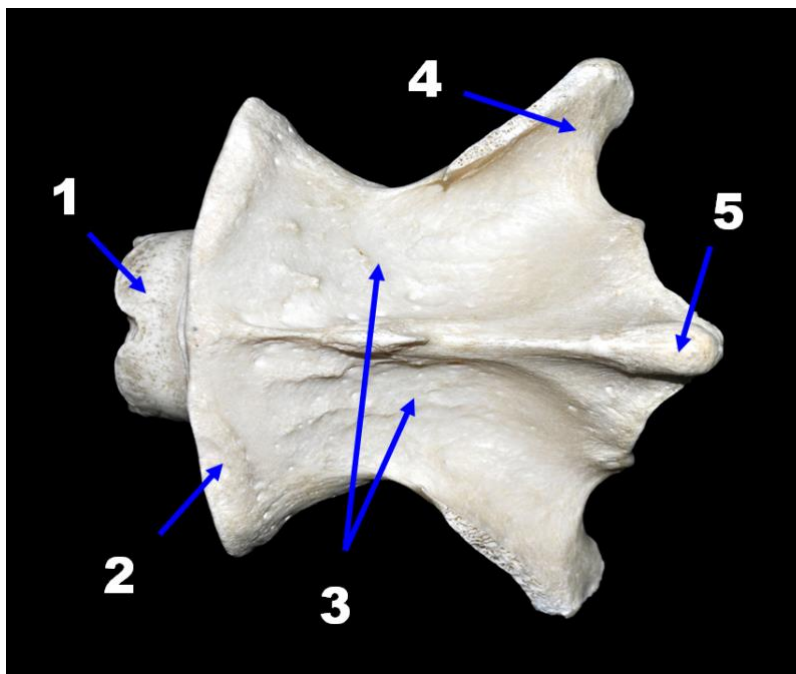
Obr. 23: Axis, *Bos taurus*, aspectus cranialis. 1 - dens axis, 2 - processus articularis cranialis, 3 - foramen vertebrale, 4 - processus spinosus, 5 - processus articularis caudalis, 6 - processus transversus.



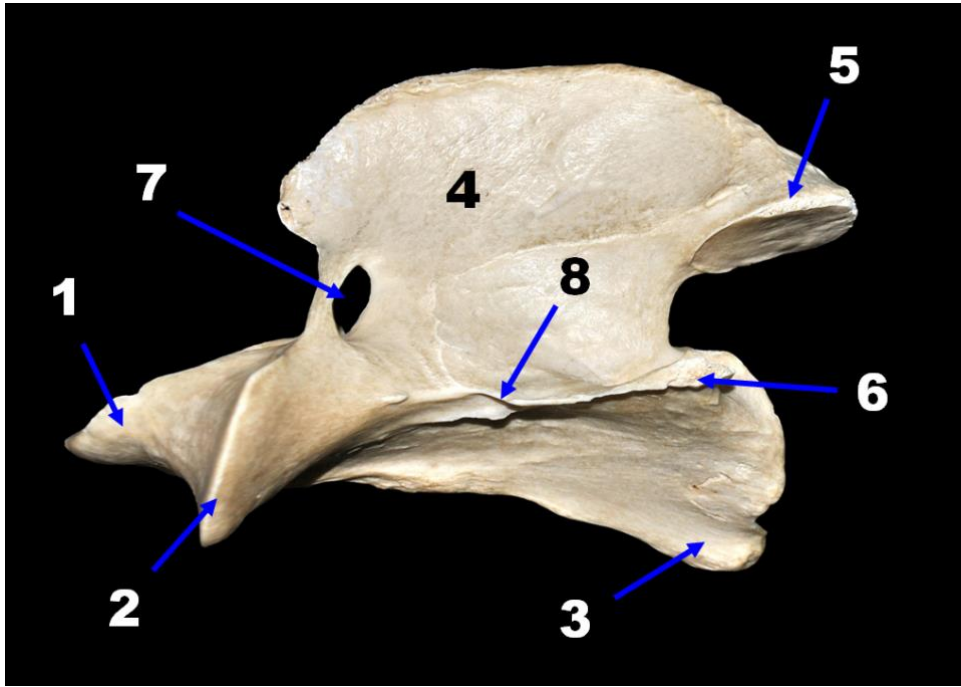
Obr. 24: Axis, *Bos taurus*, aspectus caudalis. 1 - corpus vertebrae (extremitas caudalis), 2 - foramen vertebrale, 3 - processus articularis cranialis, 4 - processus spinosus, 5 - processus articularis caudalis, 6 - processus transversus, 7 - crista ventralis, 8 - foramen transversarium.



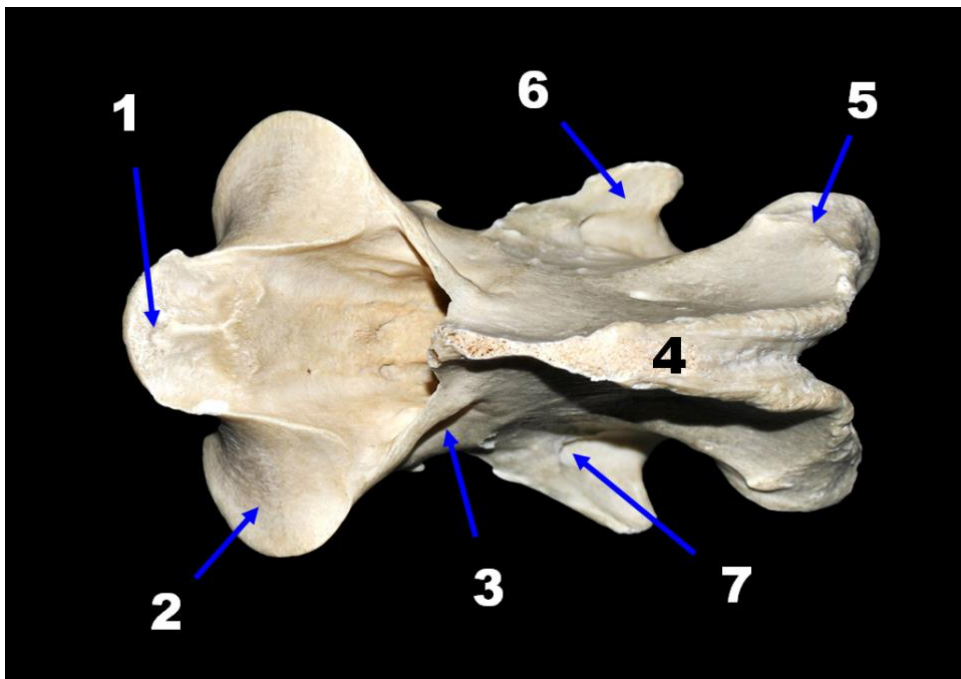
Obr. 25: Axis, *Bos taurus*, aspectus dorsalis. 1 - dens axis, 2 - processus articularis cranialis, 3 - foramen vertebrale laterale, 4 - processus spinosus, 5 - processus transversus, 6 - corpus vertebrae a crista ventralis, 7 - processus articularis caudalis.



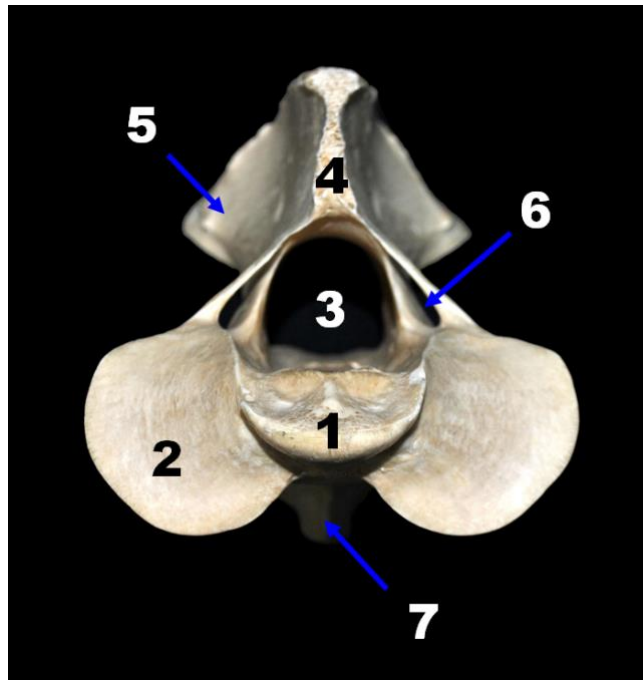
Obr. 26: Axis, *Bos taurus*, aspectus ventralis. 1 - dens axis, 2 - processus articularis cranialis, 3 - corpus vertebrae, 4 - processus transversus, 5 - crista ventralis.



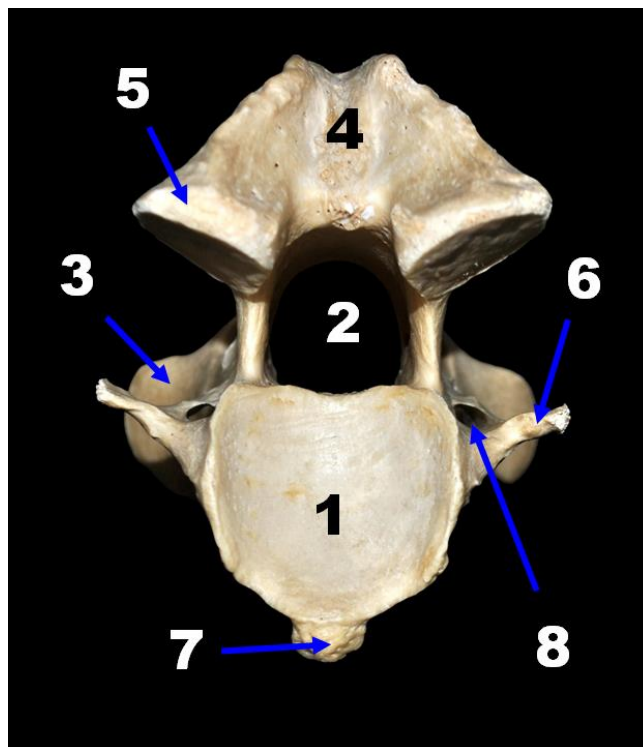
Obr. 27: Axis, Equus caballus, aspectus lateralis. 1 - dens axis, 2 - processus articularis cranialis, 3 - crista ventralis, 4 - processus spinosus, 5 - processus articularis caudalis, 6 - processus transversus, 7 - foramen vertebrale laterale, 8 - foramen transversarium.



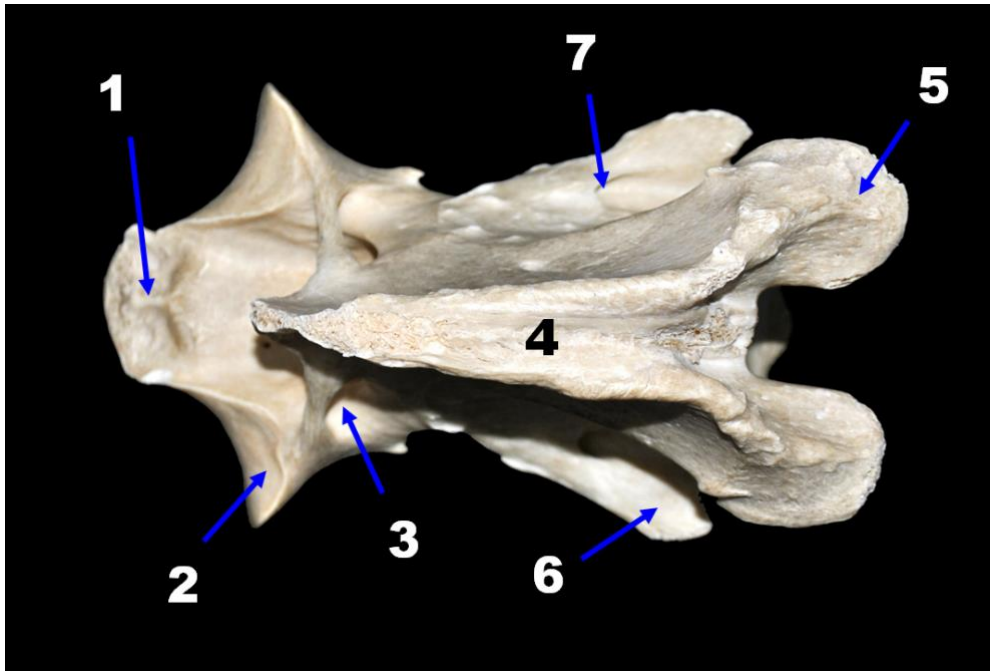
Obr. 28: Axis, Equus caballus, aspectus craniodorsalis. 1 - dens axis, 2 - processus articularis cranialis, 3 - foramen vertebrale laterale, 4 - processus spinosus, 5 - processus articularis caudalis, 6 - processus transversus, 7 - foramen transversarium.



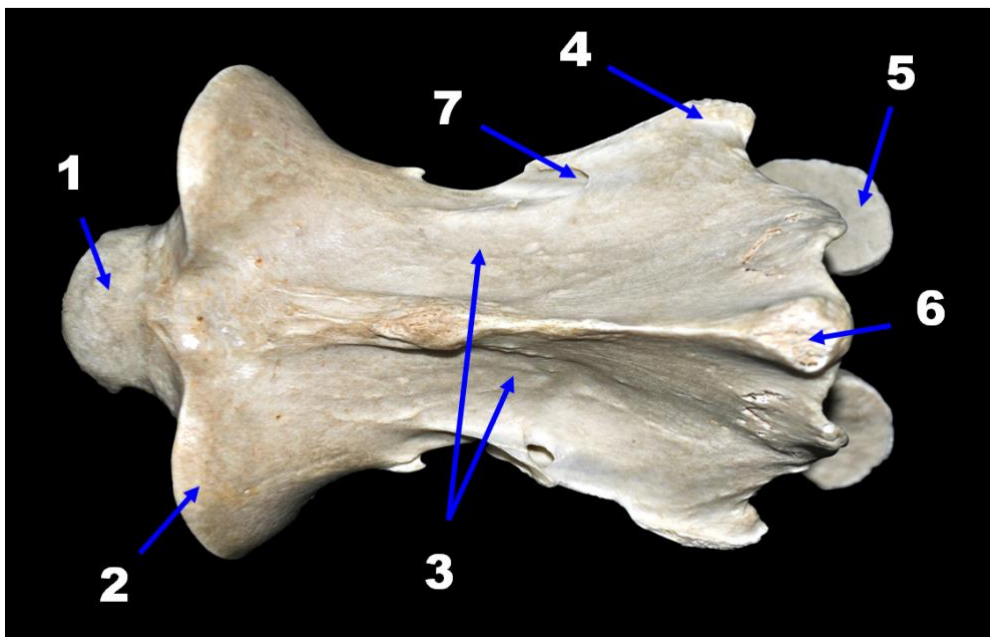
Obr. 29: Axis, Equus caballus, aspectus cranialis. 1 - dens axis, 2 - processus articularis cranialis, 3 - foramen vertebrale, 4 - processus spinosus, 5 - processus articularis caudalis, 6 - processus transversus, 7 - crista ventralis.



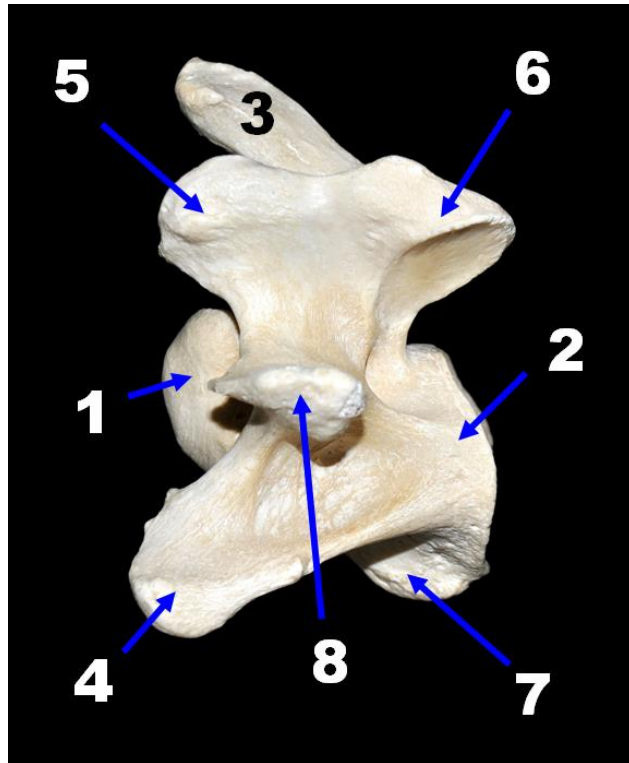
Obr. 30: Axis, Equus caballus, aspectus caudalis. 1 - corpus vertebrae (extremitas caudalis), 2 - foramen vertebrale, 3 - processus articularis cranialis, 4 - processus spinosus, 5 - processus articularis caudalis, 6 - processus transversus, 7 - crista ventralis, 8 - foramen transversarium.



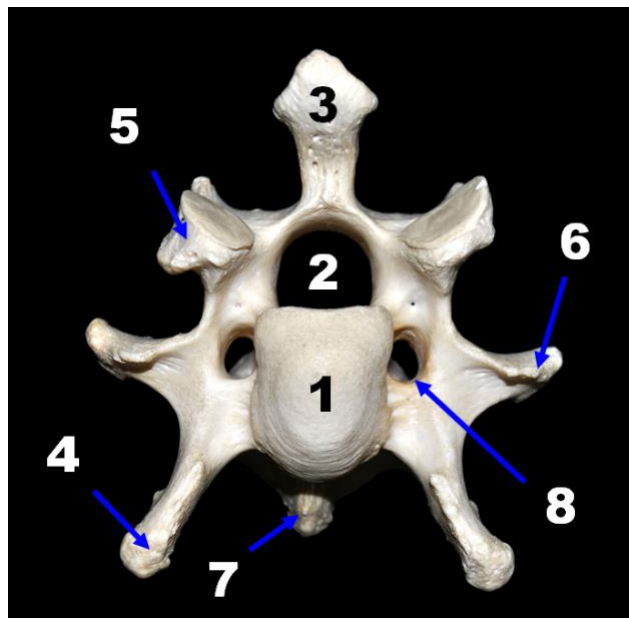
Obr. 31: Axis, Equus caballus, aspectus dorsalis. 1 - dens axis, 2 - processus articularis cranialis, 3 - foramen vertebrale laterale, 4 - processus spinosus, 5 - processus articularis caudalis, 6 - processus transversus, 7 - foramen transversarium.



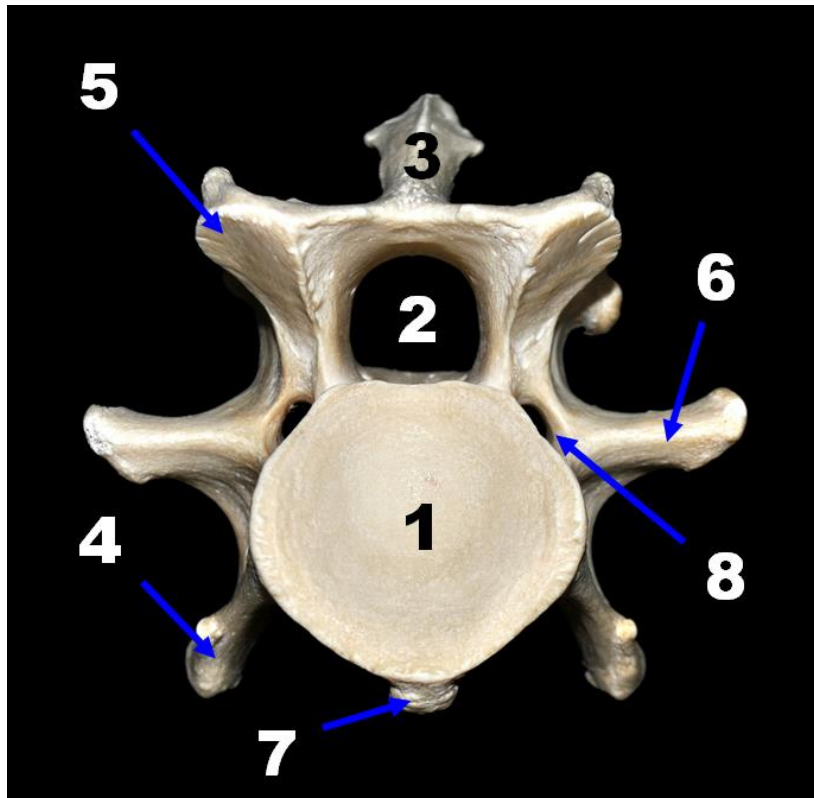
Obr. 32: Axis, Equus caballus, aspectus ventralis. 1 - dens axis, 2 - processus articularis cranialis, 3 - corpus vertebrae, 4 - processus transversus, 5 - processus articularis caudalis, 6 - crista ventralis, 7 - foramen transversarium.



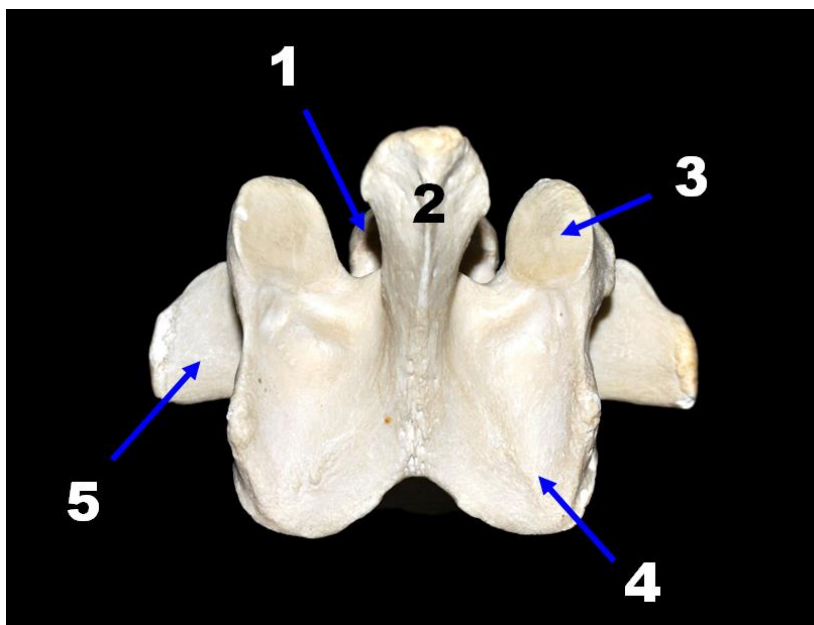
Obr. 33: Vertebra cervicalis V, Bos taurus, aspectus lateralis. 1 - extremitas cranialis, 2 - extremitas caudalis, 3 - processus spinosus, 4 - processus costarius, 5 - processus articularis cranialis, 6 - processus articularis caudalis, 7 - crista ventralis, 8 - processus transversus.



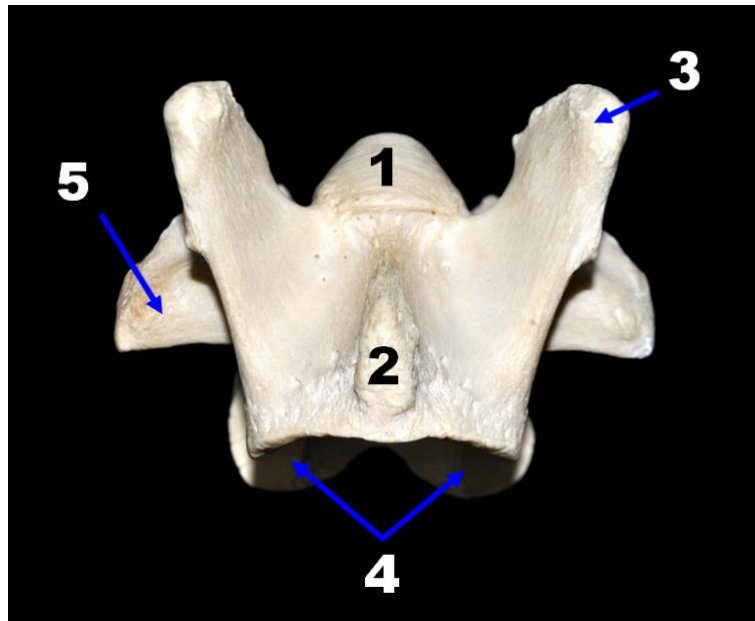
Obr. 34: Vertebra cervicalis V, Bos taurus, aspectus cranialis. 1 - extremitas cranialis, 2 - foramen vertebrale, 3 - processus spinosus, 4 - processus costarius, 5 - processus articularis cranialis, 6 - processus transversus, 7 - crista ventralis, 8 - foramen transversarium.



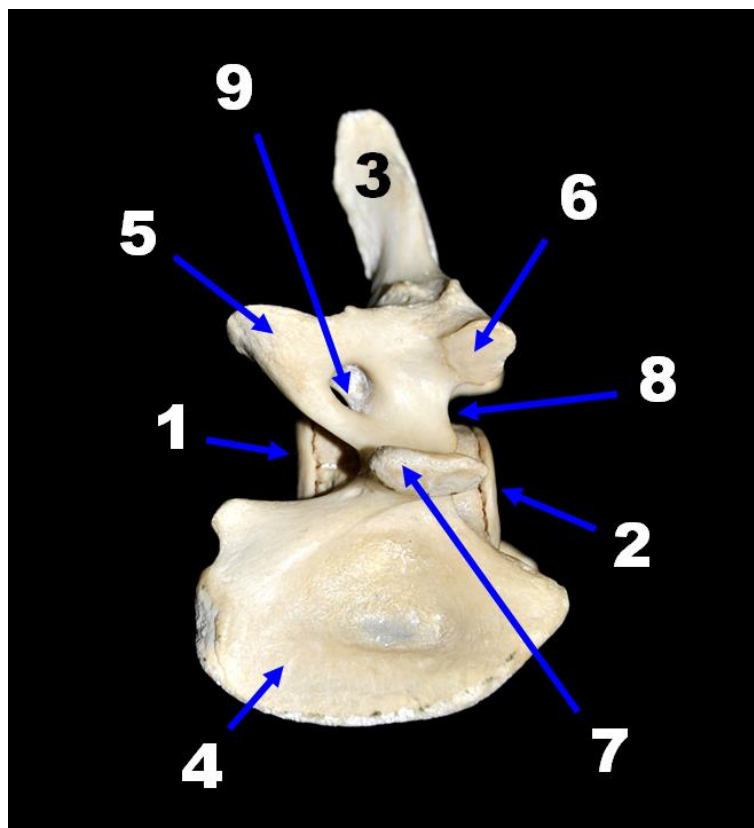
Obr. 35: Vertebra cervicalis V, Bos taurus, aspectus caudalis. 1 - extremitas caudalis, 2 - foramen vertebrale, 3 - processus spinosus, 4 - processus costarius, 5 - processus articularis caudalis, 6 - processus transversus, 7 - crista ventralis, 8 - foramen transversarium.



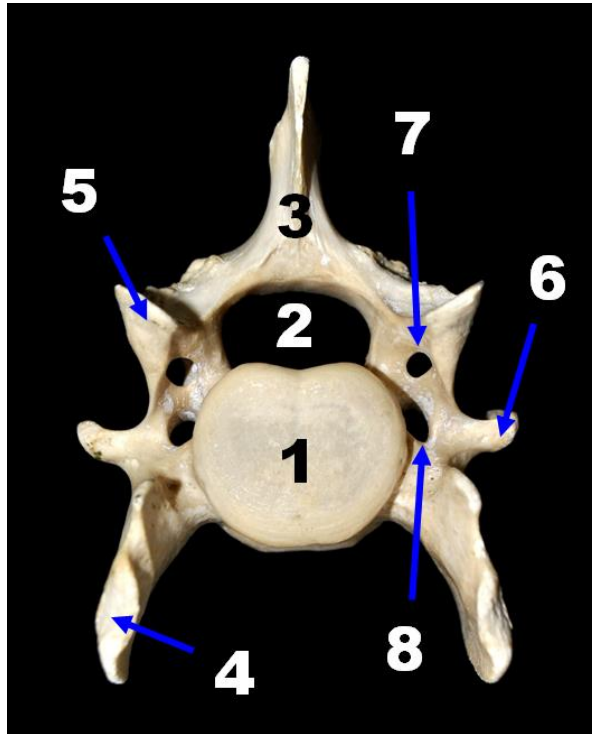
Obr. 36: Vertebra cervicalis V, Bos taurus, aspectus dorsalis. 1 - extremitas cranialis (caput vertebrae), 2 - processus spinosus, 3 - processus articularis cranialis, 4 - processus articularis caudalis, 5 - processus transversus.



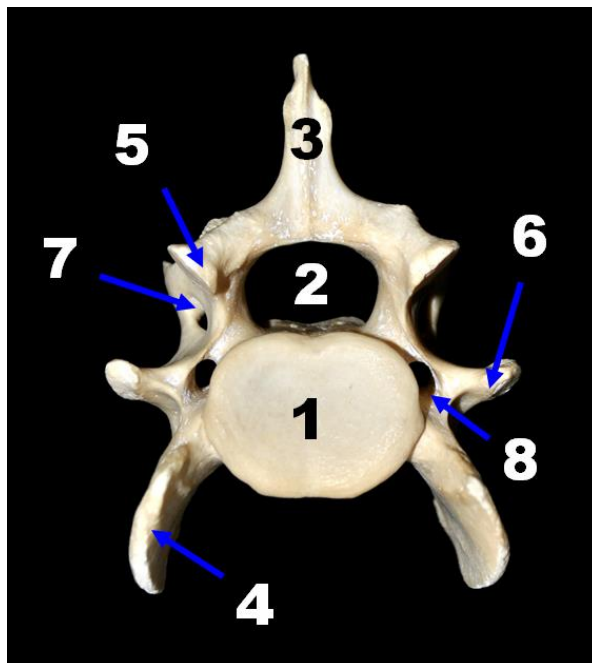
Obr. 37: Vertebra cervicalis V, Bos taurus, aspectus ventralis. 1 - extremitas cranialis (caput vertebrae), 2 - crista ventralis, 3 - processus costarius, 4 - processus articularis caudalis, 5 - processus transversus.



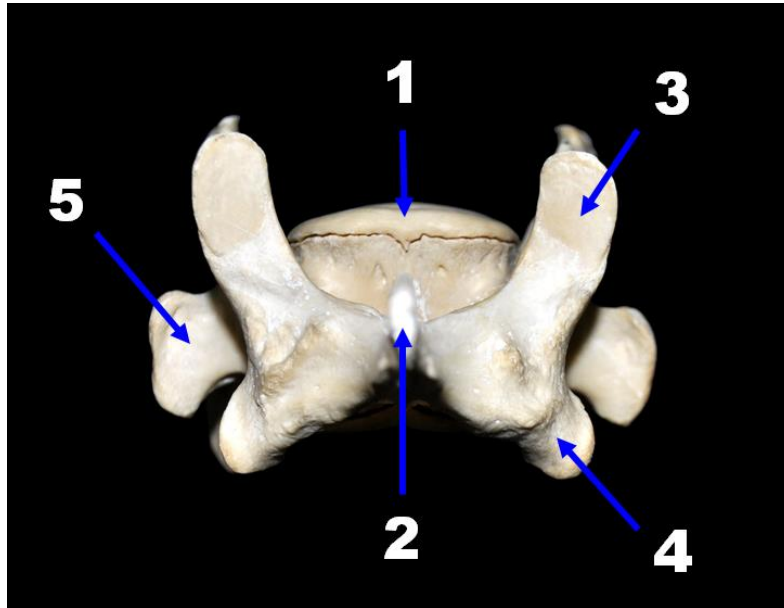
Obr. 38: Vertebra cervicalis VI, Sus scrofa, aspectus lateralis. 1 - extremitas cranialis, 2 - extremitas caudalis, 3 - processus spinosus, 4 - lamina ventralis, 5 - processus articularis cranialis, 6 - processus articularis caudalis, 7 - processus transversus, 8 - incisura vertebralis caudalis, 9 - foramen vertebrale laterale.



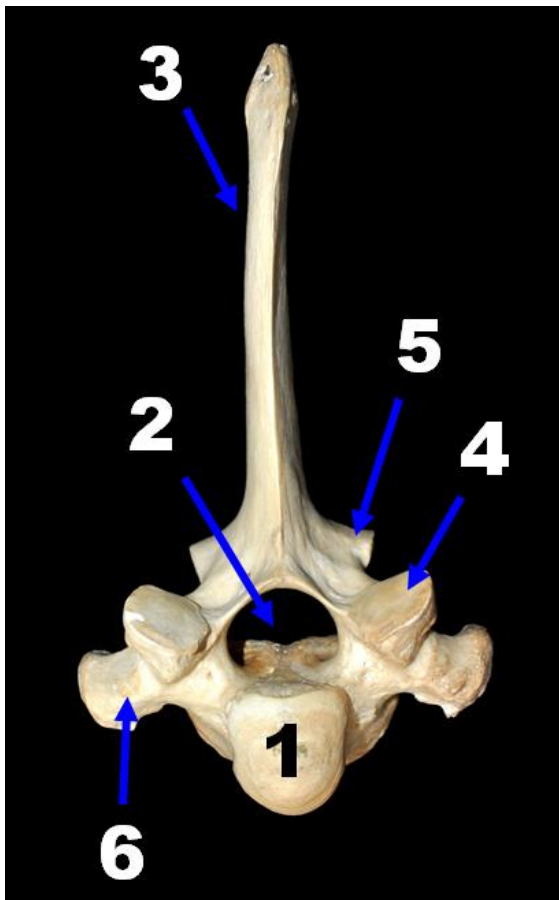
Obr. 39: Vertebra cervicalis VI, Sus scrofa, aspectus cranialis. 1 - extremitas cranialis, 2 - foramen vertebrale, 3 - processus spinosus, 4 - lamina ventralis, 5 - processus articularis cranialis, 6 - processus transversus, 7 - foramen vertebrale laterale, 8 - foramen transversarium.



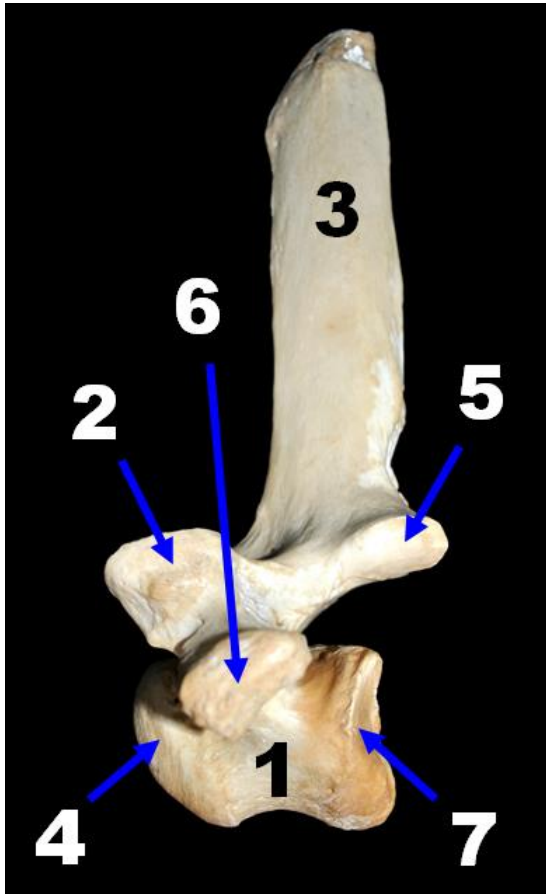
Obr. 40: Vertebra cervicalis VI, Sus scrofa, aspectus caudalis. 1 - extremitas caudalis, 2 - foramen vertebrale, 3 - processus spinosus, 4 - lamina ventralis, 5 - processus articularis caudalis, 6 - processus transversus, 7 - foramen vertebrale laterale, 8 - foramen transversarium.



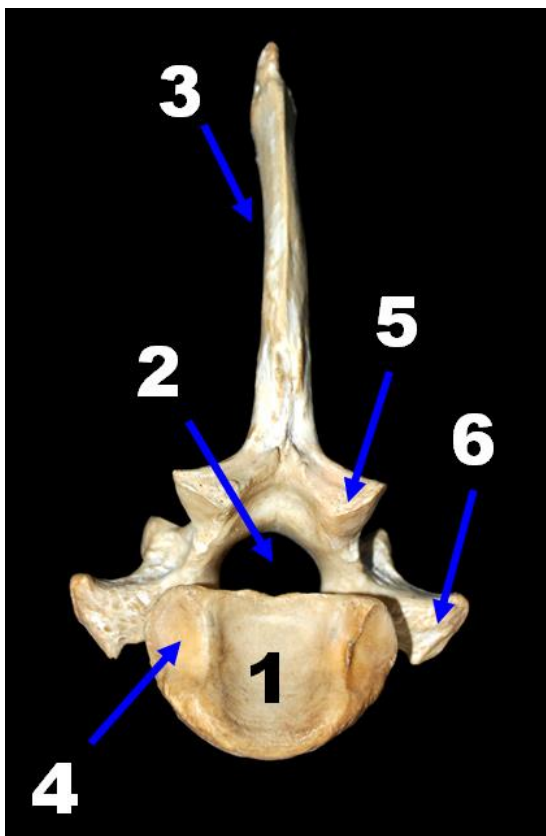
Obr. 41: Vertebra cervicalis VI, *Sus scrofa*, aspectus dorsalis. 1 - extremitas cranialis (caput vertebrae), 2 - processus spinosus, 3 - processus articularis cranialis, 4 - processus articularis caudalis, 5 - processus transversus.



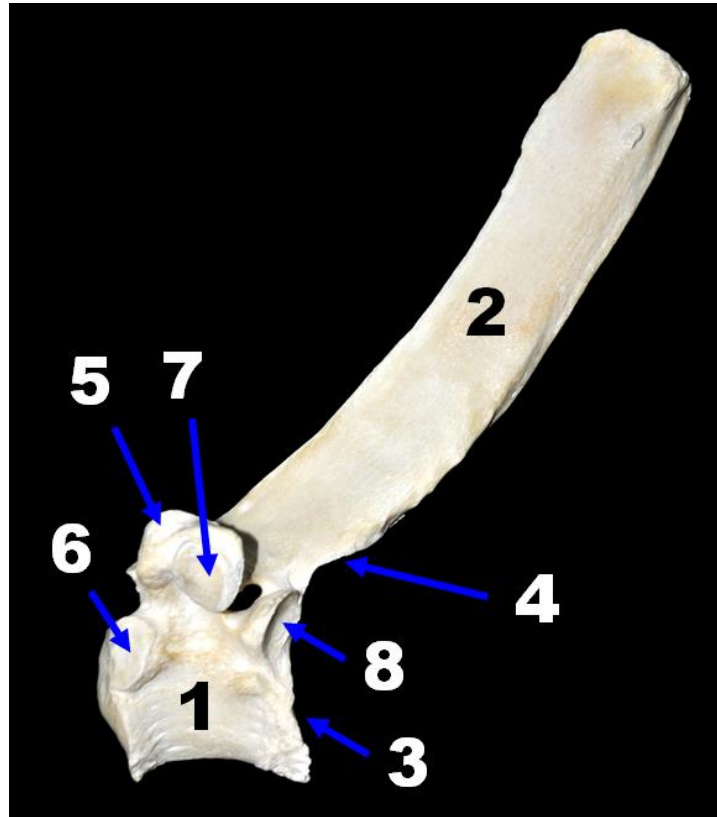
Obr. 42: Vertebra cervicalis VII, *Bos taurus*, aspectus cranialis. 1 - extremitas cranialis, 2 - foramen vertebrale, 3 - processus spinosus, 4 - processus articularis cranialis, 5 - processus articularis caudalis, 6 - processus transversus.



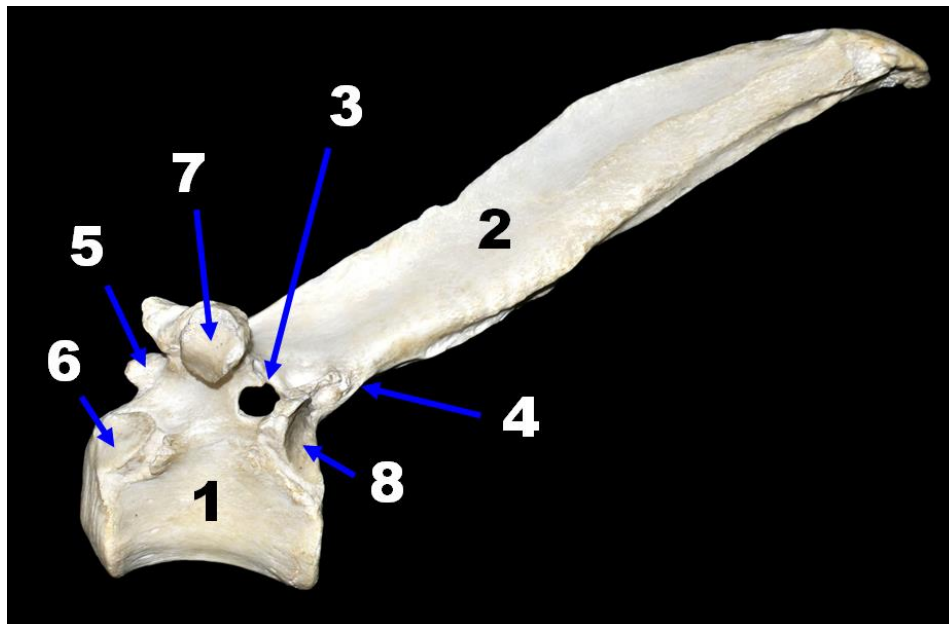
Obr. 43: Vertebra cervicalis VII, *Bos taurus*, aspectus lateralis. 1 - corpus vertebrae, 2 - processus articularis cranialis, 3 - processus spinosus, 4 - extremitas cranialis, 5 - processus articularis caudalis, 6 - processus transversus, 7 - fovea costalis caudalis.



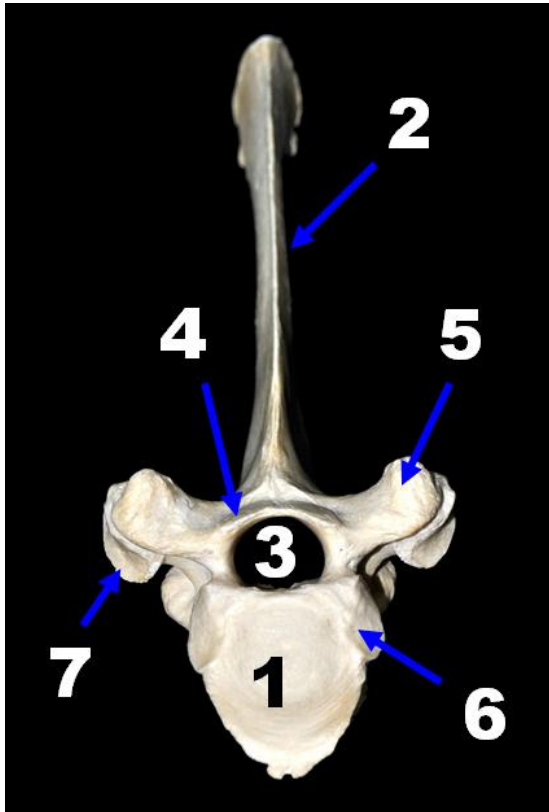
Obr. 44: Vertebra cervicalis VII, *Bos taurus*, aspectus caudalis. 1 - extremitas caudalis, 2 - foramen vertebrale, 3 - processus spinosus, 4 - fovea costalis caudalis, 5 - processus articularis caudalis, 6 - processus transversus.



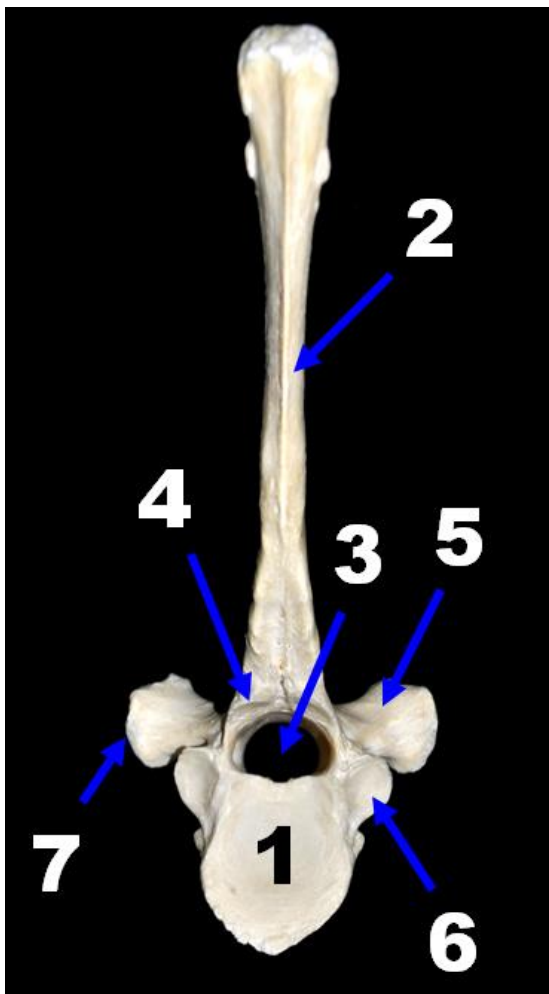
Obr. 45: Vertebra thoracica V, *Bos taurus*, aspectus lateralis. 1 - corpus vertebrae, 2 - processus spinosus, 3 - extremitas caudalis, 4 - processus articularis caudalis, 5 - processus mamillaris, 6 - fovea costalis cranialis, 7 - fovea costalis transversalis na processus transversus, 8 - fovea costalis caudalis.



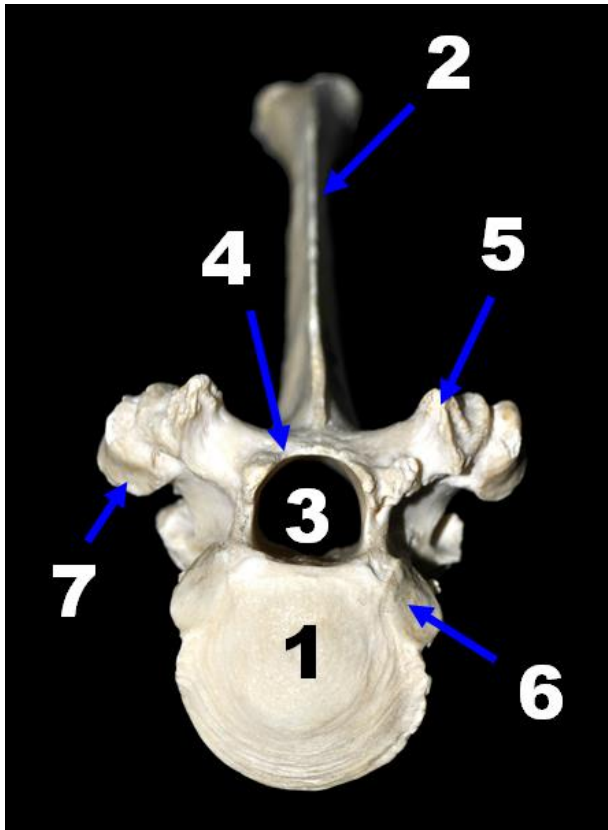
Obr. 46: Vertebra thoracica VIII, *Bos taurus*, aspectus lateralis. 1 - corpus vertebrae, 2 - processus spinosus, 3 - foramen vertebrale laterale, 4 - processus articularis caudalis, 5 - processus articularis cranialis, 6 - fovea costalis cranialis, 7 - fovea costalis transversalis na processus transversus, 8 - fovea costalis caudalis.



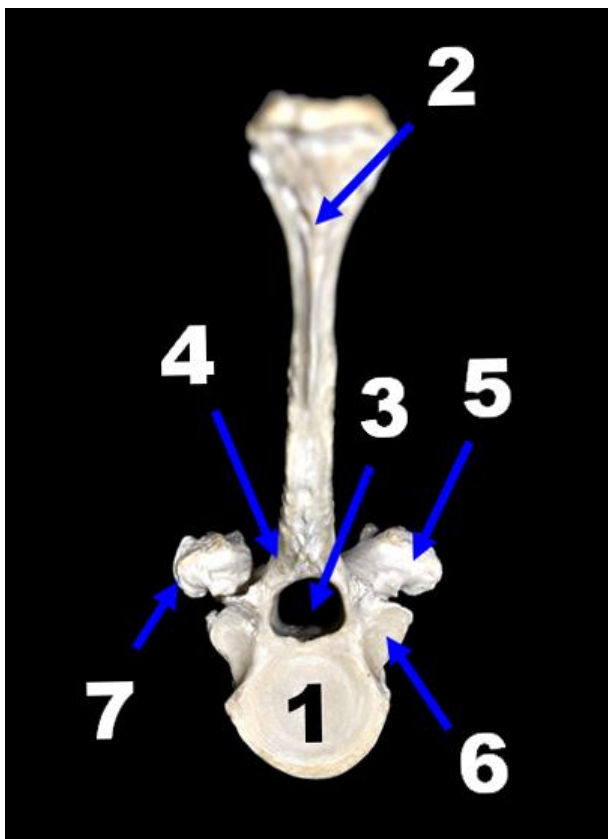
Obr. 47: Vertebra thoracica V, Bos taurus, aspectus cranialis. 1 - corpus vertebrae, 2 - processus spinosus, 3 - foramen vertebrale, 4 - processus articularis cranialis, 5 - processus mamillaris, 6 - fovea costalis cranialis, 7 - fovea costalis transversalis na processus transversus.



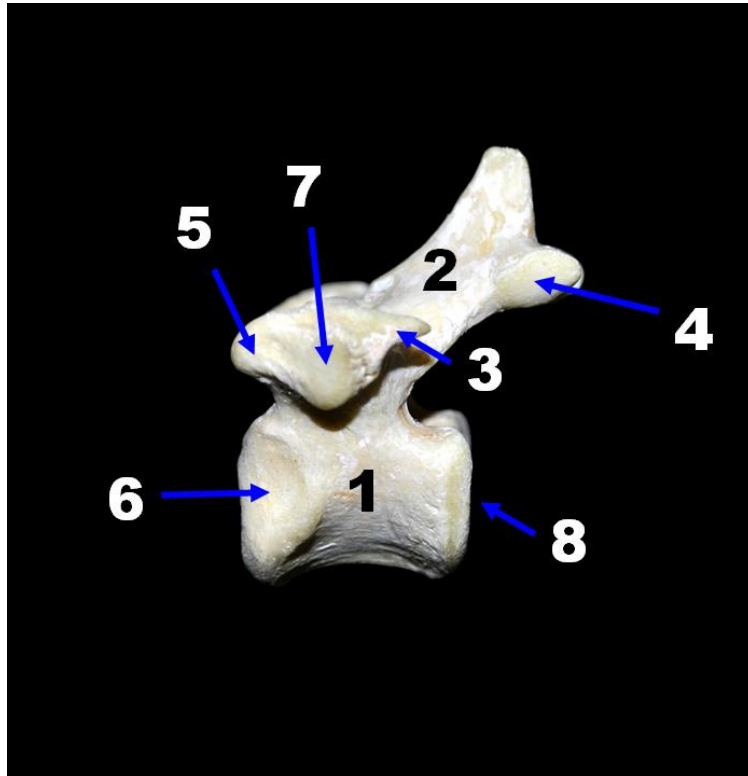
Obr. 48: Vertebra thoracica V, Bos taurus, aspectus caudalis. 1 - corpus vertebrae, 2 - processus spinosus, 3 - foramen vertebrale, 4 - processus articularis caudalis, 5 - processus mamillaris, 6 - fovea costalis caudalis, 7 - fovea costalis transversalis na processus transversus.



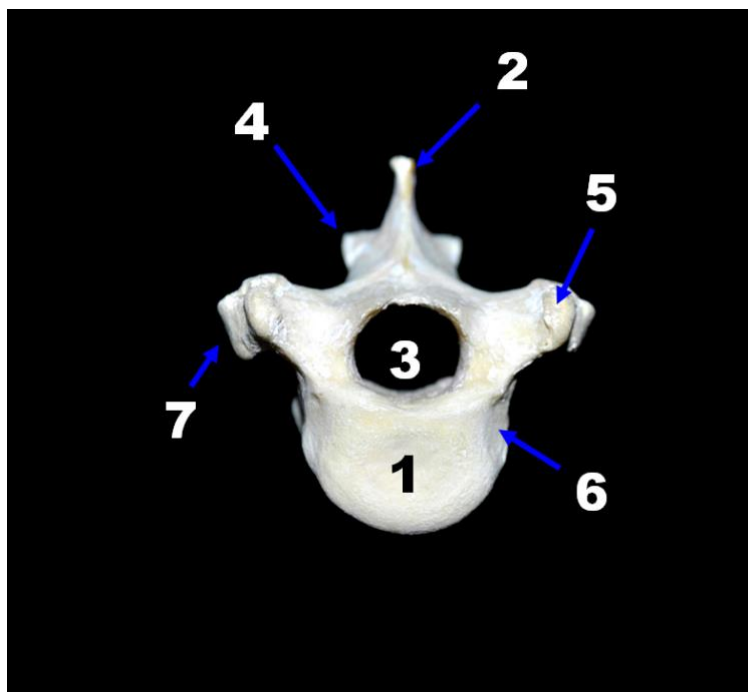
Obr. 49: Vertebra thoracica VIII, Bos taurus, aspectus cranialis. 1 - corpus vertebrae, 2 - processus spinosus, 3 - foramen vertebrale, 4 - processus articularis cranialis, 5 - processus mamillaris, 6 - fovea costalis cranialis, 7 - fovea costalis transversalis na processus transversus.



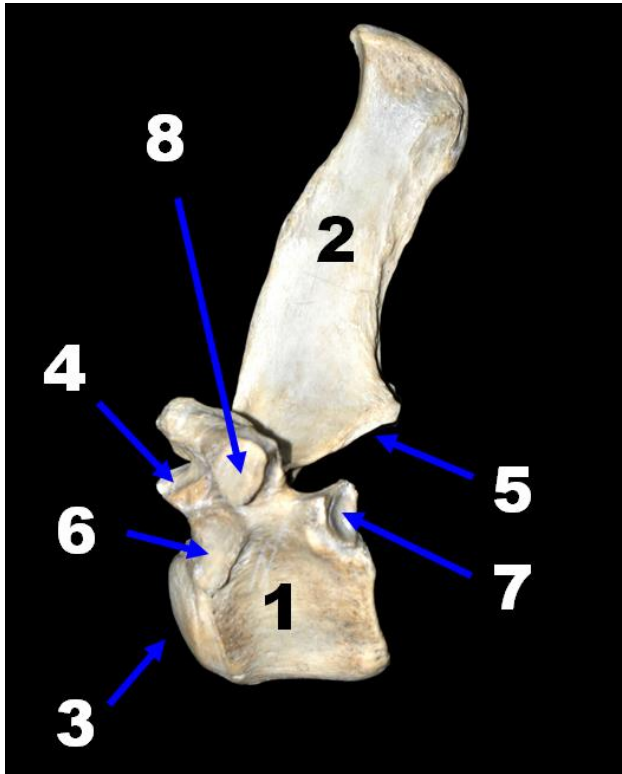
Obr. 50: Vertebra thoracica VIII, Bos taurus, aspectus caudalis. 1 - corpus vertebrae, 2 - processus spinosus, 3 - foramen vertebrale, 4 - processus articularis caudalis, 5 - processus mamillaris, 6 - fovea costalis caudalis, 7 - fovea costalis transversalis na processus transversus.



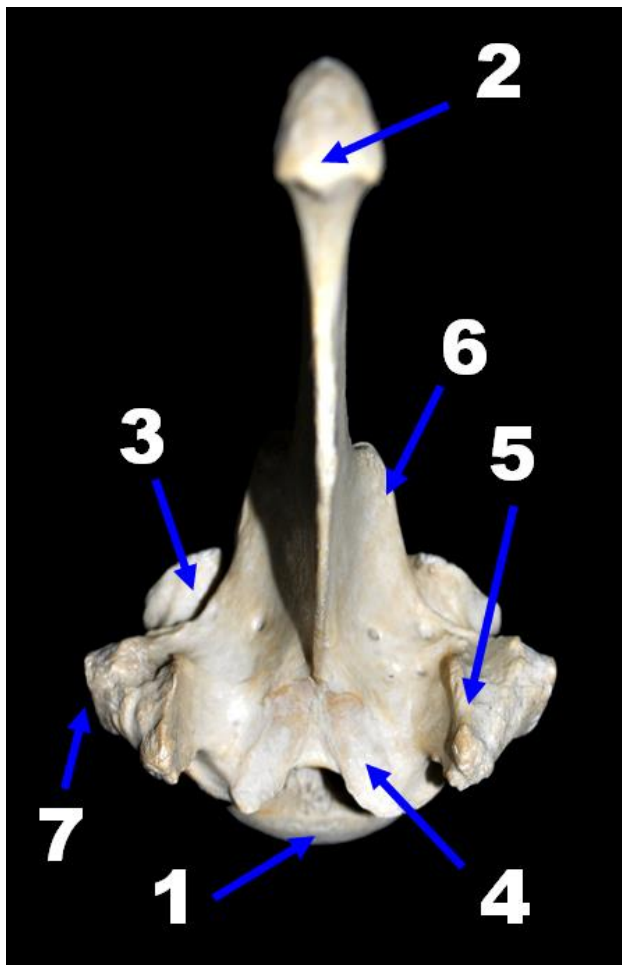
Obr. 51: Vertebra thoracica XI, Canis familiaris, aspectus lateralis. 1 - corpus vertebrae, 2 - processus spinosus, 3 - processus accessorius, 4 - processus articularis caudalis, 5 - processus mamillaris, 6 - fovea costalis cranialis, 7 - fovea costalis transversalis na processus transversus, 8 - extremitas caudalis.



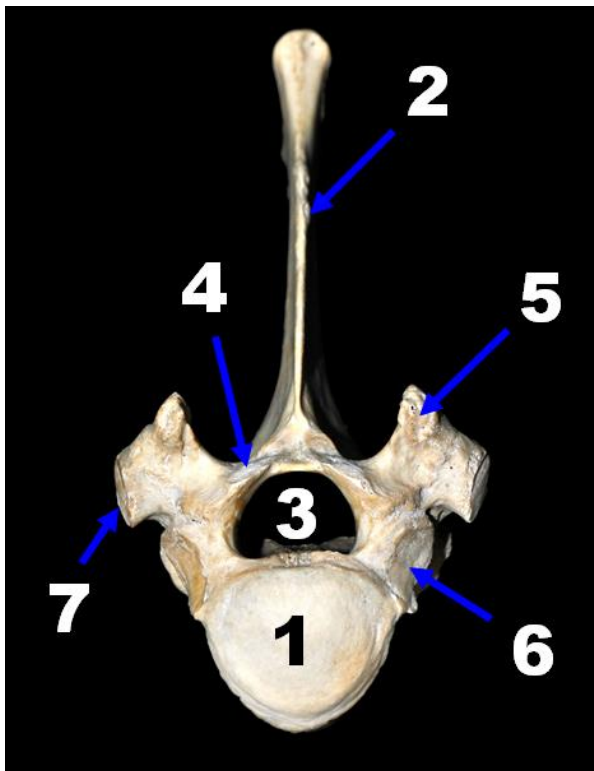
Obr. 52: Vertebra thoracica XI, Canis familiaris, aspectus cranialis. 1 - corpus vertebrae, 2 - processus spinosus, 3 - foramen vertebrale, 4 - processus articularis caudalis, 5 - processus mamillaris, 6 - fovea costalis cranialis, 7 - fovea costalis transversalis na processus transversus.



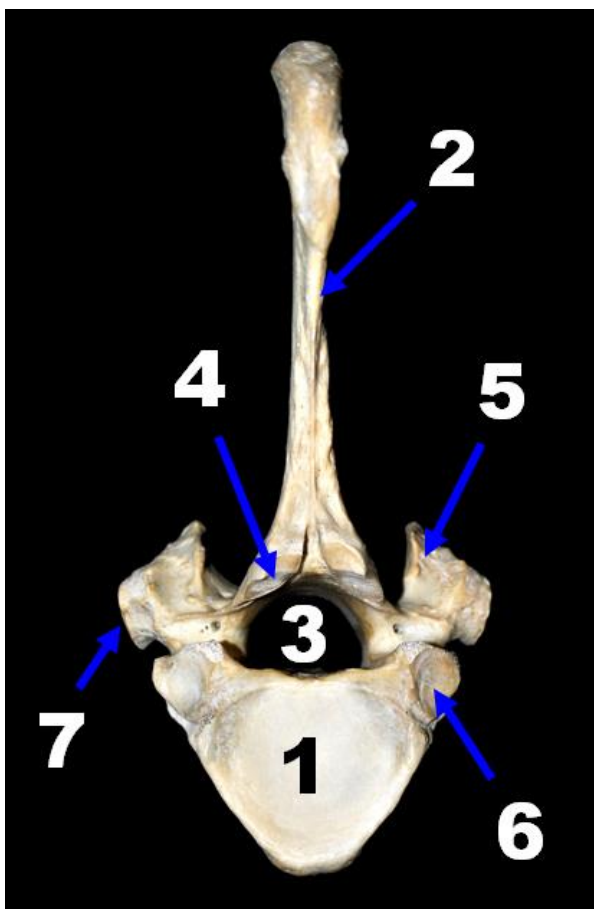
Obr. 53: Vertebra thoracica XII, Equus caballus, aspectus lateralis. 1 - corpus vertebrae, 2 - processus spinosus, 3 - extremitas cranialis, 4 - processus articularis cranialis, 5 - processus articularis caudalis, 6 - fovea costalis cranialis, 7 - fovea costalis caudalis, 8 - fovea costalis transversalis na processus transversus.



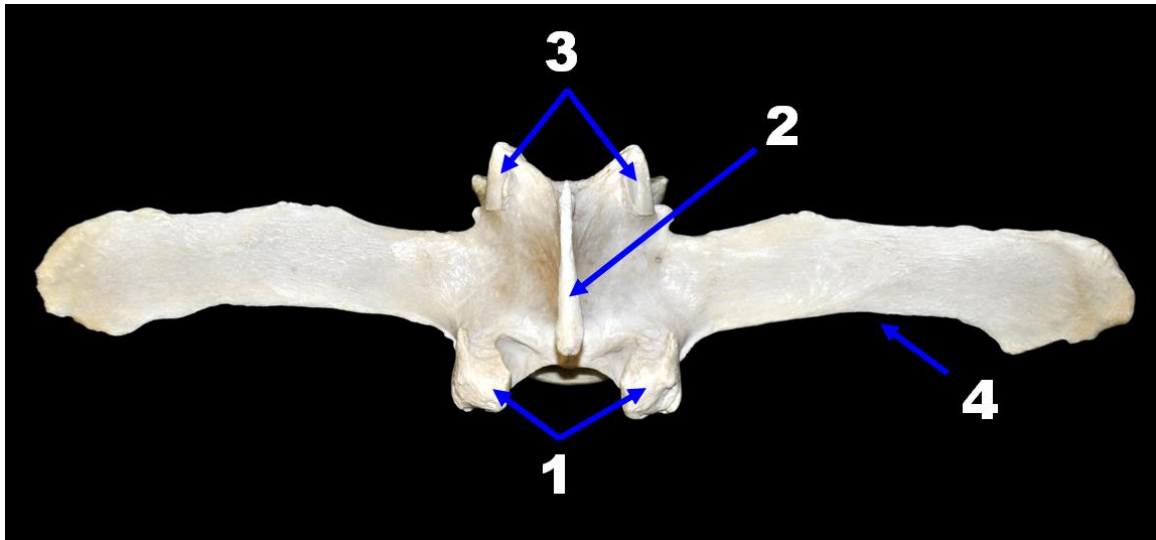
Obr. 54: Vertebra thoracica XII, Equus caballus, aspectus dorsalis. 1 - extremitas cranialis, 2 - processus spinosus, 3 - fovea costalis caudalis, 4 - processus articularis cranialis, 5 - processus mamillaris, 6 - processus articularis caudalis, 7 - fovea costalis transversalis na processus transversus.



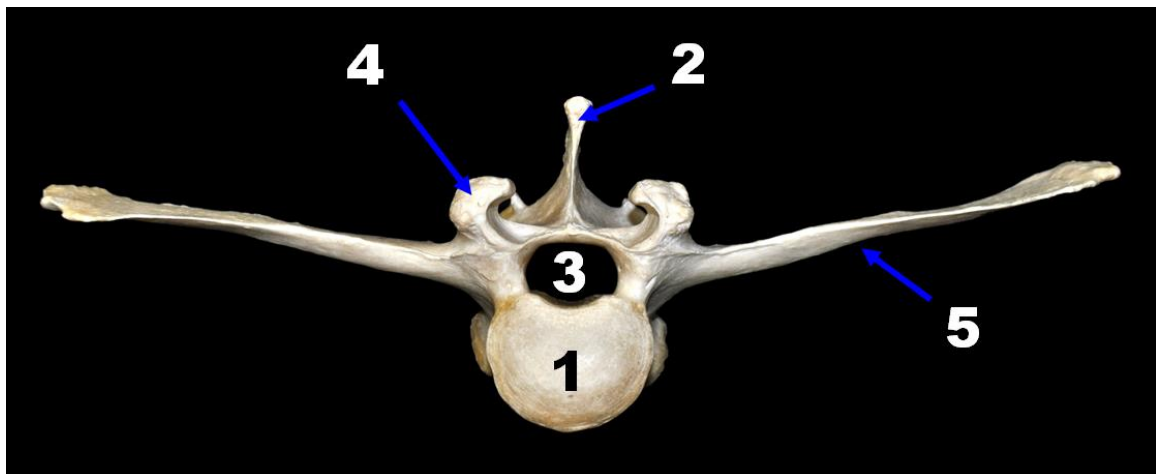
Obr. 55: Vertebra thoracica XII, Equus caballus, aspectus cranialis. 1 - corpus vertebrae, 2 - processus spinosus, 3 - foramen vertebrale, 4 - processus articularis cranialis, 5 - processus mamillaris, 6 - fovea costalis cranialis, 7 - fovea costalis transversalis na processus transversus.



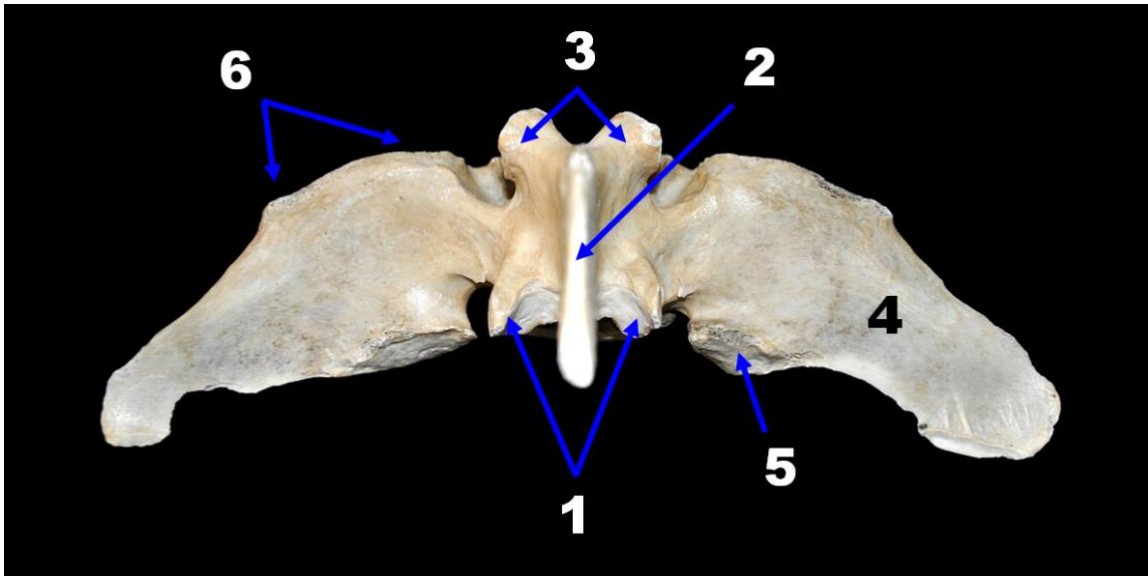
Obr. 56: Vertebra thoracica XII, Equus caballus, aspectus caudalis. 1 - corpus vertebrae, 2 - processus spinosus, 3 - foramen vertebrale, 4 - processus articularis caudalis, 5 - processus mamillaris, 6 - fovea costalis caudalis, 7 - fovea costalis transversalis na processus transversus.



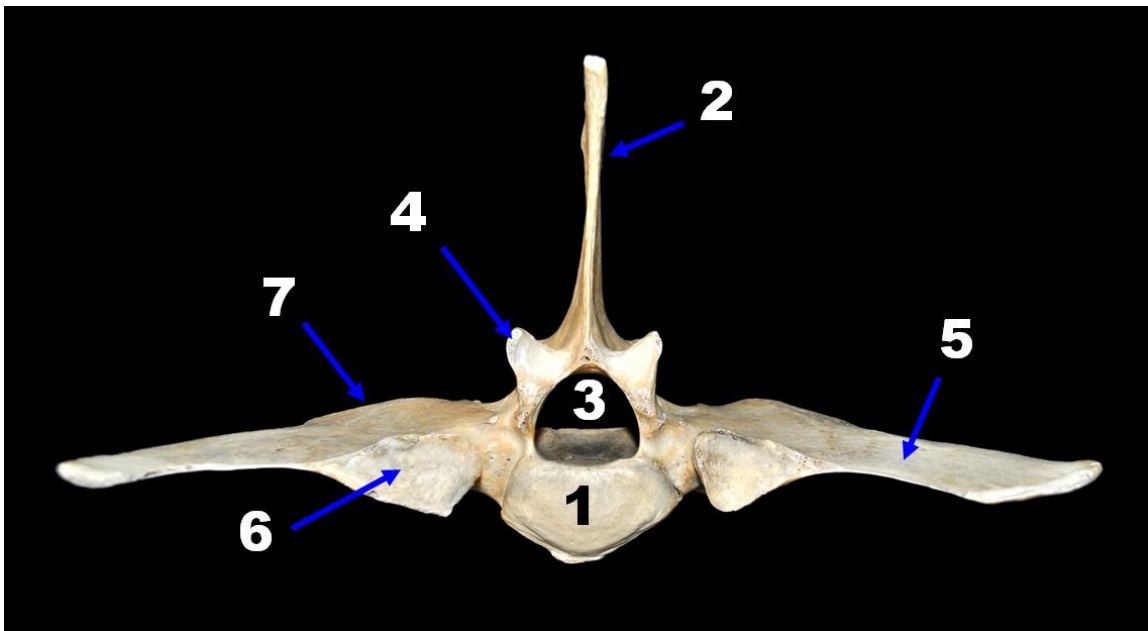
Obr. 57: Vertebra lumbalis III, Bos taurus, aspectus dorsalis. 1 - processus articularis cranialis, 2 - processus spinosus, 3 - processus articularis caudalis, 4 - processus costarius.



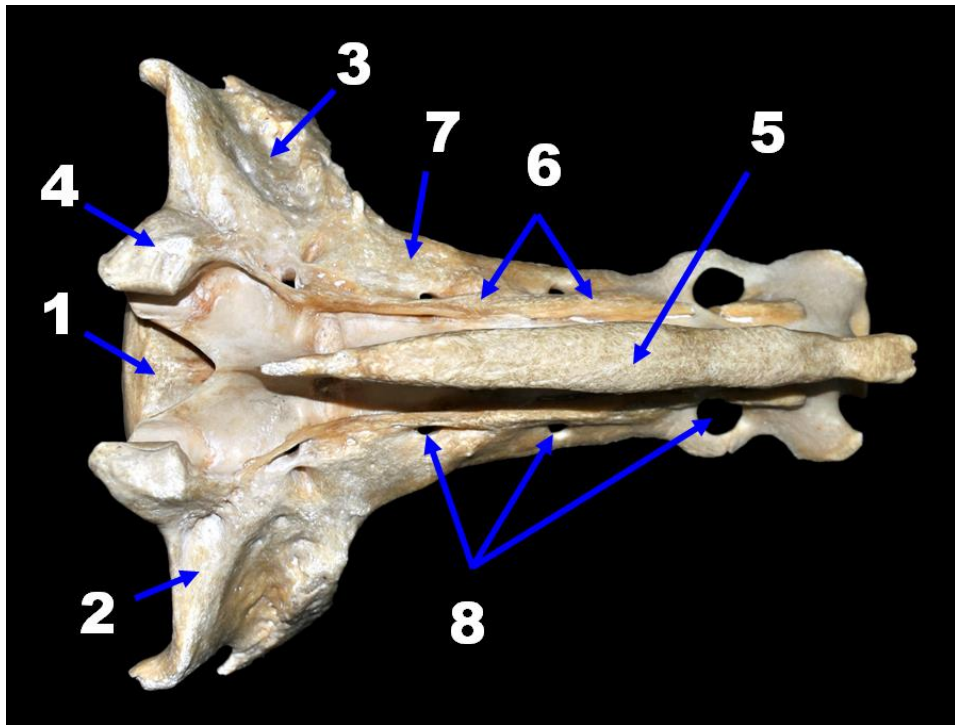
Obr. 58: Vertebra lumbalis III, Bos taurus, aspectus cranialis. 1 - corpus vertebrae, 2 - processus spinosus, 3 - foramen vertebrale, 4 - processus articularis cranialis, 5 - processus costarius.



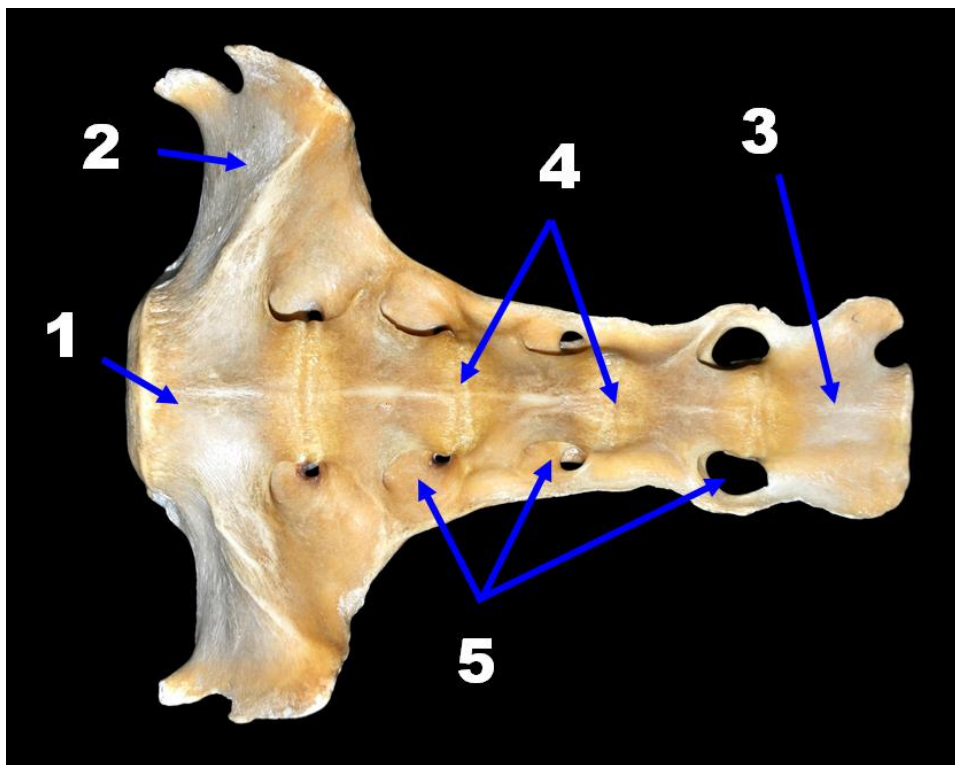
Obr. 59: Vertebra lumbalis V, Equus caballus, aspectus dorsalis. 1 - processus articularis cranialis, 2 - processus spinosus, 3 - processus articularis caudalis, 4 - processus costarius, 5 - kraníální kloubní plocha pro articulatio intertransversaria lumbalis, 6 - kaudální kloubní plocha pro articulatio intertransversaria lumbalis.



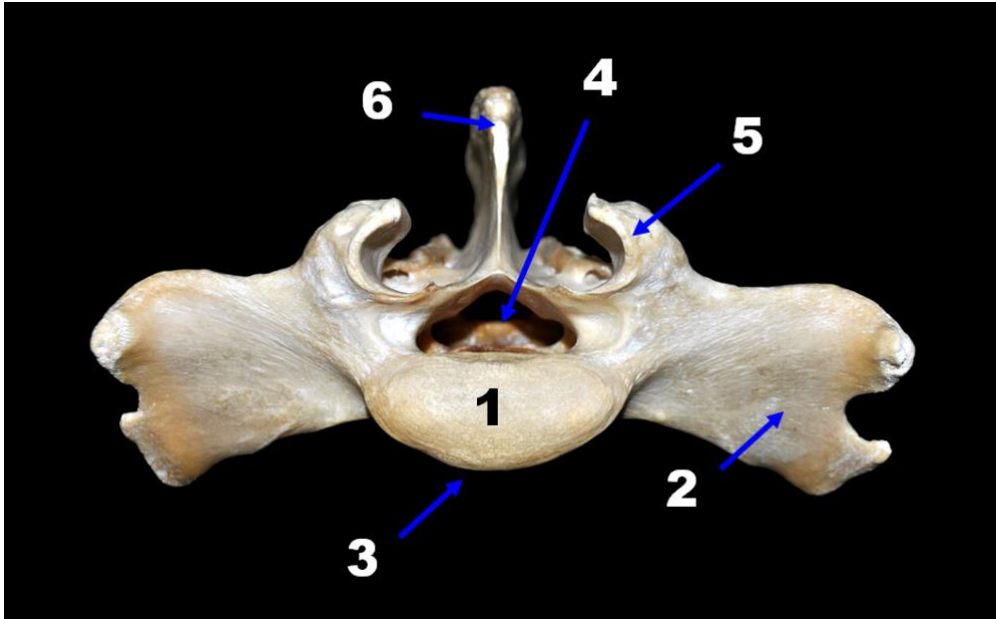
Obr. 60: Vertebra lumbalis V, Equus caballus, aspectus cranialis. 1 - corpus vertebrae, 2 - processus spinosus, 3 - foramen vertebrale, 4 - processus articularis cranialis, 5 - processus costarius, 6 - kraníální kloubní plocha pro articulatio intertransversaria lumbalis, 7 - kaudální kloubní plocha pro articulatio intertransversaria lumbalis.



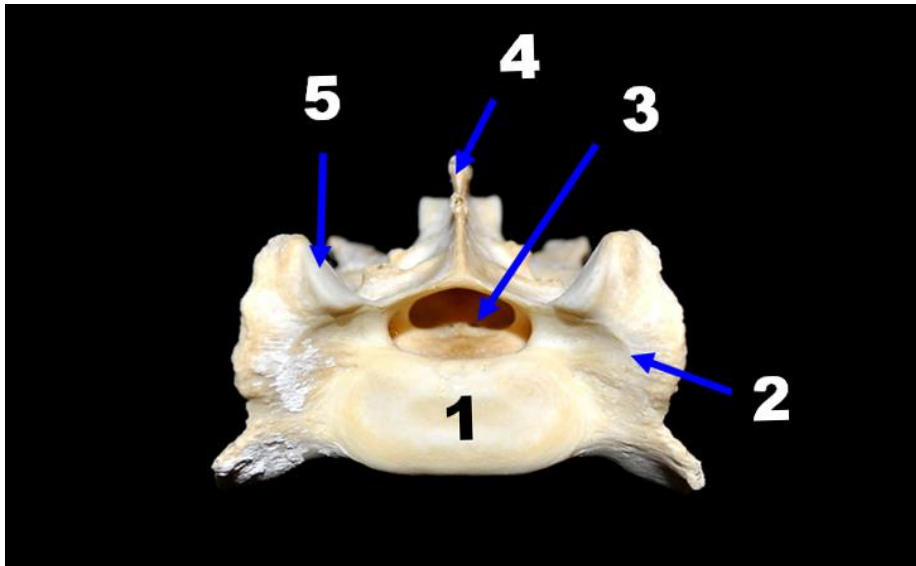
Obr. 61: Os sacrum, *Bos taurus*, aspectus dorsalis. 1 - basis ossis sacri, 2 - ala ossis sacri, 3 - facies auricularis, 4 - processus articularis cranialis, 5 - crista sacralis mediana, 6 - crista sacralis intermedia, 7 - crista sacralis lateralis, 8 - foramina sacralia dorsalia.



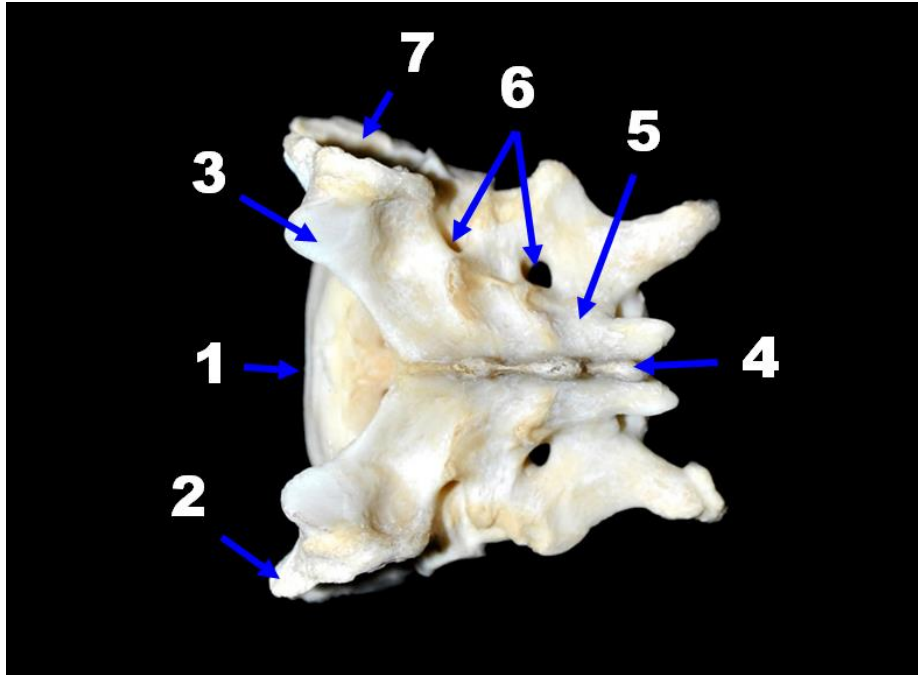
Obr. 62: Os sacrum, *Bos taurus*, aspectus ventralis. 1 - basis ossis sacri, 2 - ala ossis sacri, 3 - apex ossis sacri, 4 - lineae transversae, 5 - foramina sacralia ventralia (pelvina).



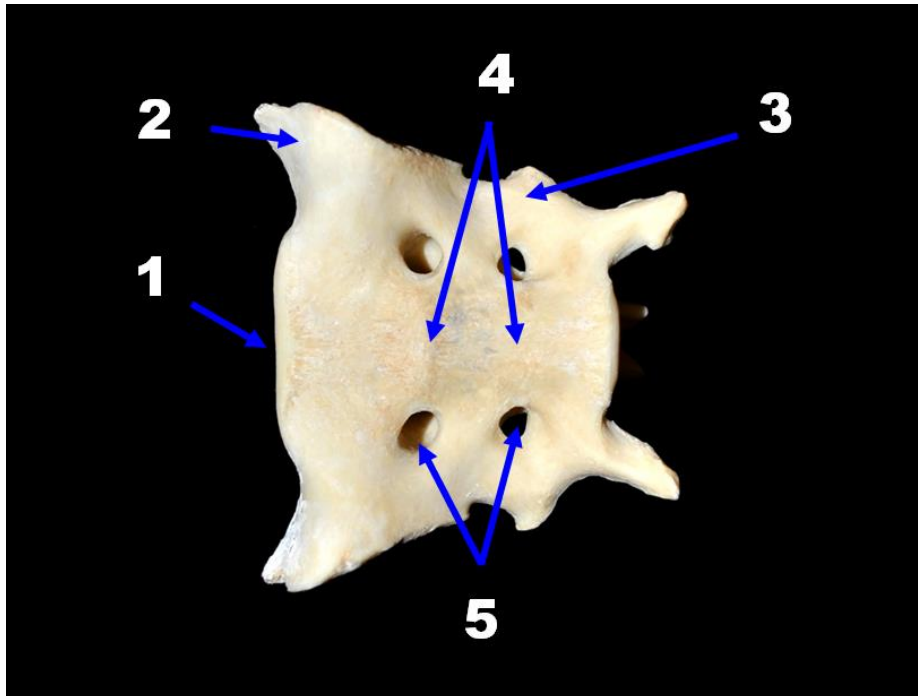
Obr. 63: Os sacrum, *Bos taurus*, aspectus cranialis. 1 - basis ossis sacri, 2 - ala ossis sacri, 3 - promontorium, 4 - foramen vertebrale, 5 - processus articularis cranialis, 6 - crista sacralis mediana.



Obr. 64: Os sacrum, *Canis familiaris*, aspectus cranialis. 1 - basis ossis sacri, 2 - ala ossis sacri, 3 - foramen vertebrale, 4 - crista sacralis mediana, 5 - processus articularis cranialis.



Obr. 65: Os sacrum, Canis familiaris, aspectus dorsalis. 1 - basis ossis sacri, 2 - ala ossis sacri, 3 - processus articularis cranialis, 4 - crista sacralis mediana, 5 - crista sacralis intermedia, 6 - foramina sacralia dorsalia, 7 - facies auricularis.



Obr. 66: Os sacrum, Canis familiaris, aspectus ventralis. 1 - basis ossis sacri, 2 - ala ossis sacri, 3 - crista sacralis lateralis, 4 - lineae transversae, 5 - foramina sacralia ventralia (pelvina).

1.3. THORAX - hrudník - obrázky 67 až 77

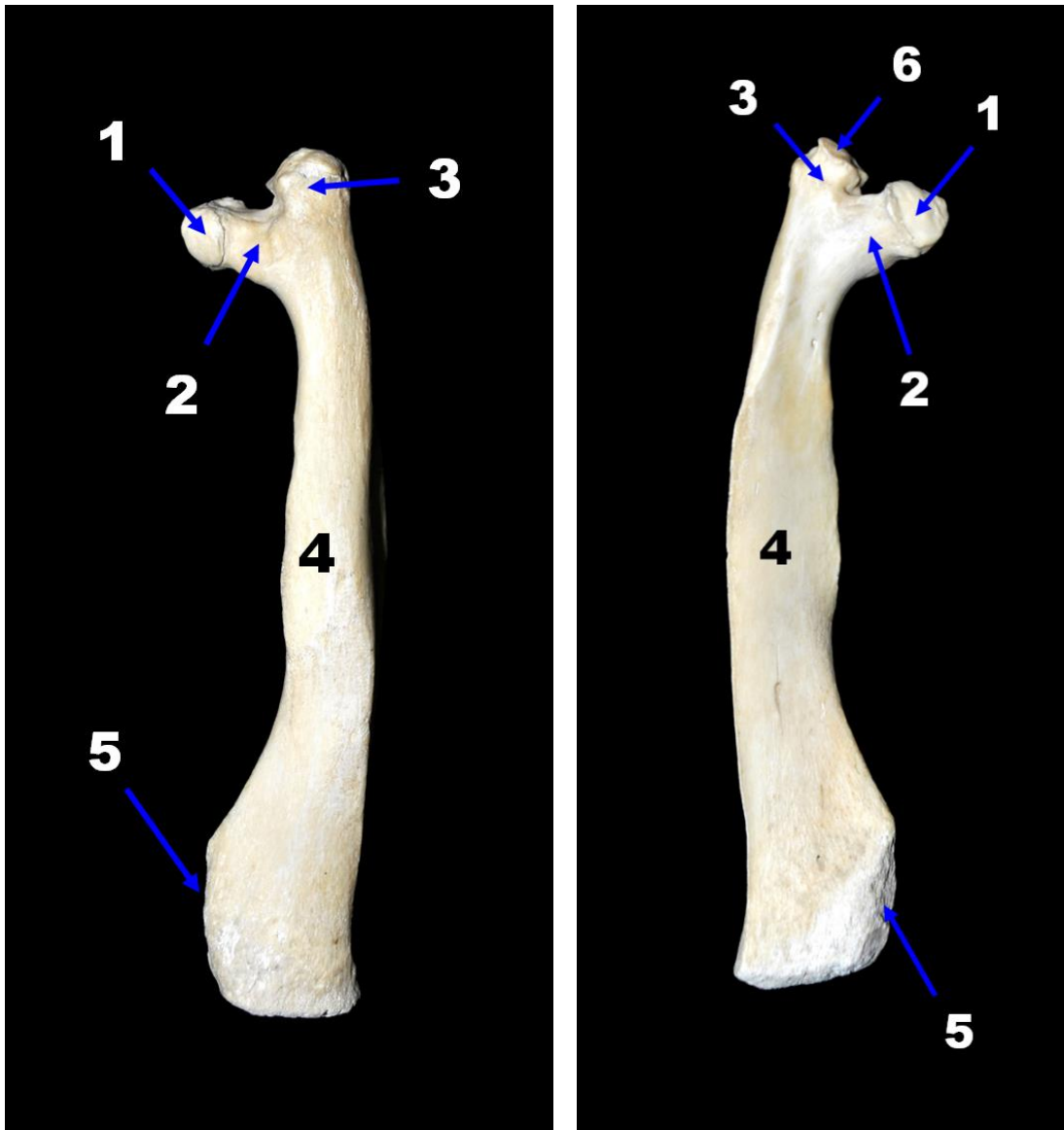
A) Costae - žebra

- Os costale + cartilago costalis
- Caput costae
- Facies articularis capitis costae
- Crista capitis costae
- Collum costae
- Tuberculum costae
- Facies articularis tuberculi costae
- Angulus costae
- Sulcus costae
- Tuberositas m. iliocostalis
- Tuberositas m. longissimi

B) Sternum - hrudní kost

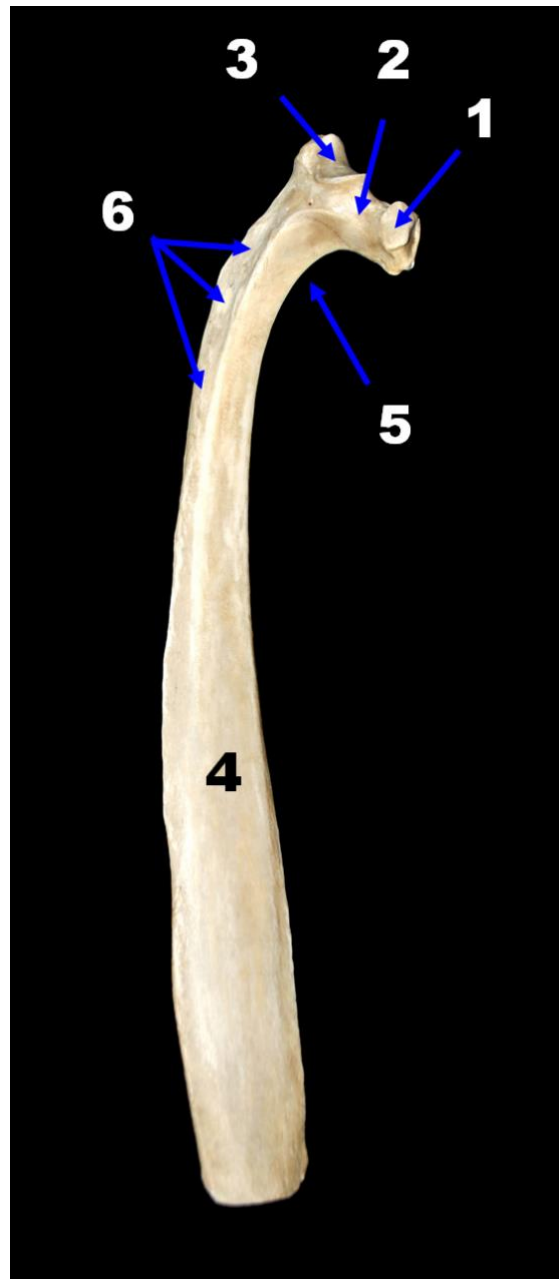
- Manubrium sterni
- Cartilago manubrii
- Corpus sterni
- Sternebrae
- Processus xiphoideus
- Cartilago xiphoidea

C) Vertebrae thoracicae - hrudní obratle - viz kapitola „Columna vertebralis“



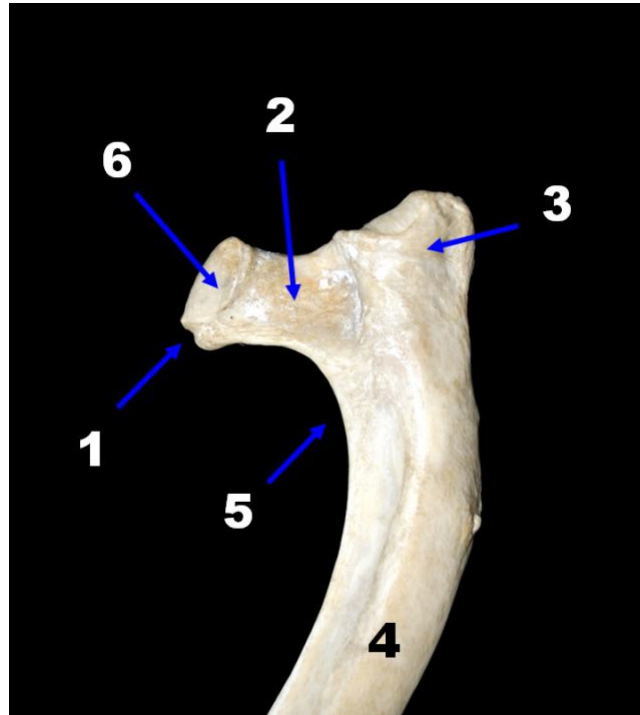
Obr. 67 (vlevo): Os costale sinistrum I, Sus scrofa, aspectus lateralis. 1 - caput costae, 2 - collum costae, 3 - tuberculum costae, 4 - corpus costae, 5 - plocha pro symphysis costarum.

Obr. 68 (vpravo): Os costale sinistrum I, Sus scrofa, aspectus medialis. 1 - caput costae s facies articularis capitis costae, 2 - collum costae, 3 - tuberculum costae, 4 - corpus costae, 5 - plocha pro symphysis costarum, 6 - facies articularis tuberculi costae.

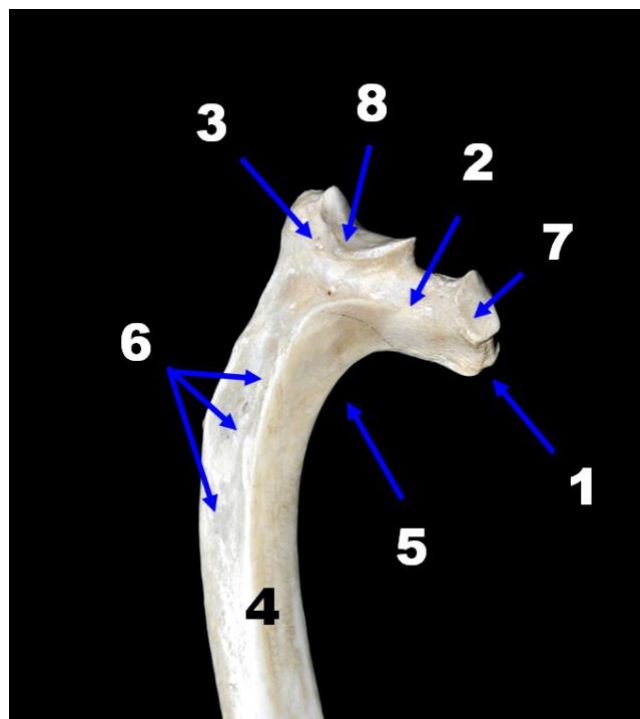


Obr. 69 (vlevo): Os costale sinistrum III, Bos taurus, aspectus lateralis. 1 - caput costae, 2 - collum costae, 3 - tuberculum costae, 4 - corpus costae, 5 - angulus costae.

Obr. 70 (vpravo): Os costale sinistrum III, Bos taurus, aspectus medialis. 1 - caput costae s facies articularis capitis costae, 2 - collum costae, 3 - tuberculum costae s facies articularis tuberculi costae, 4 - corpus costae, 5 - angulus costae, 6 - sulcus costae.



Obr. 71: Os costale sinistrum III, Bos taurus, aspectus lateralis, proximální konec. 1 - caput costae, 2 - collum costae, 3 - tuberculum costae, 4 - corpus costae, 5 - angulus costae, 6 - facies articularis capitis costae.

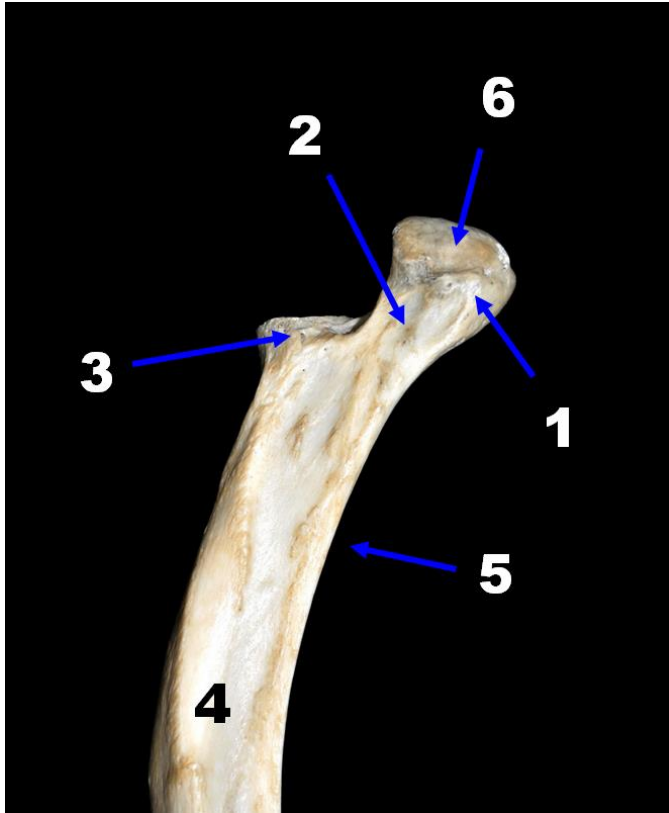


Obr. 72: Os costale sinistrum III, Bos taurus, aspectus medialis, proximální konec. 1 - caput costae, 2 - collum costae, 3 - tuberculum costae, 4 - corpus costae, 5 - angulus costae, 6 - sulcus costae, 7 - facies articularis capitis costae, 8 - facies articularis tuberculi costae.

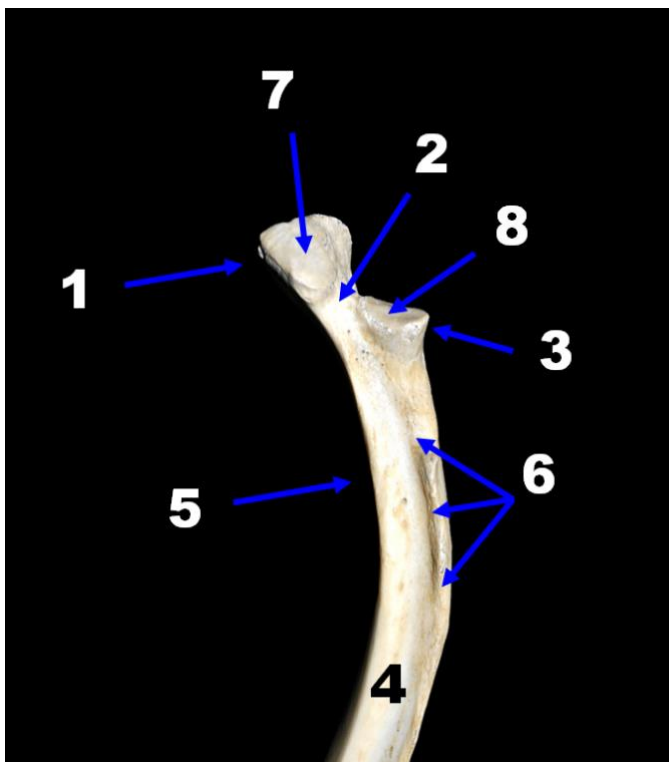


Obr. 73 (vlevo): Os costale dextrum IX, Equus caballus, aspectus craniolateralis. 1 - caput costae, 2 - collum costae, 3 - tuberculum costae, 4 - corpus costae, 5 - angulus costae.

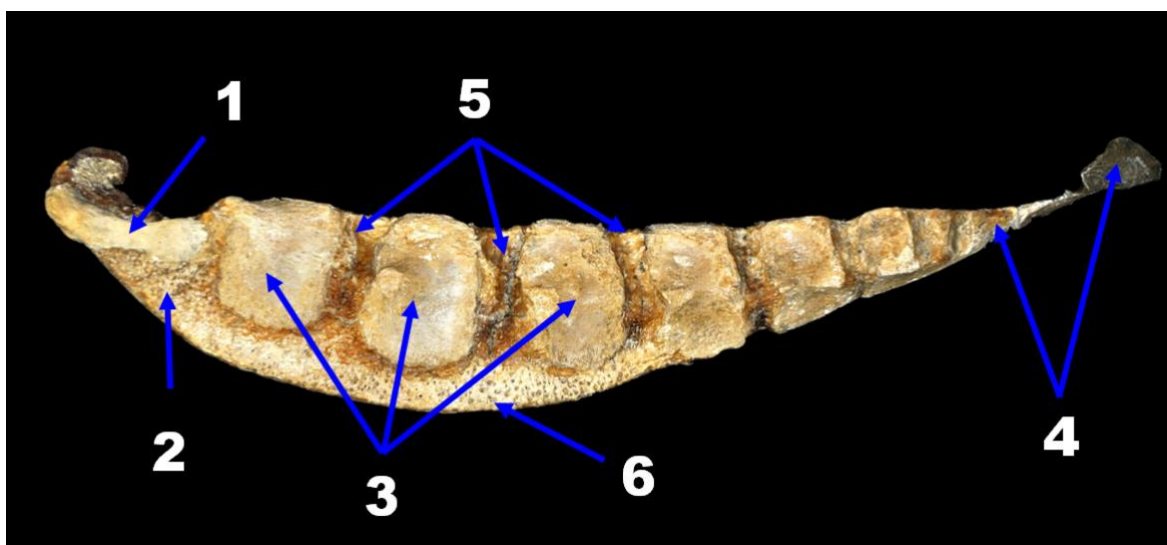
Obr. 74 (vpravo): Os costale dextrum IX, Equus caballus, aspectus caudomedialis. 1 - caput costae s facies articularis capitis costae, 2 - collum costae, 3 - tuberculum costae s facies articularis tuberculi costae, 4 - corpus costae, 5 - angulus costae, 6 - sulcus costae.



Obr. 75: Os costale dextrum IX, Equus caballus, aspectus cranio-lateralis, proximální konec. 1 - caput costae, 2 - collum costae, 3 - tuberculum costae, 4 - corpus costae, 5 - angulus costae, 6 - facies articularis capitis costae.



Obr. 76: Os costale dextrum IX, Equus caballus, aspectus caudo-medialis, proximální konec. 1 - caput costae, 2 - collum costae, 3 - tuberculum costae, 4 - corpus costae, 5 - angulus costae, 6 - sulcus costae, 7 - facies articularis capitis costae, 8 - facies articularis tuberculi costae.



Obr. 77: Sternum, Equus caballus, aspectus lateralis. 1 - manubrium sterni, 2 - cartilago manubrii, 3 - sternbrae tvořící corpus sterni, 4 - processus xiphoideus et cartilago xiphoidea, 5 - incisurae costales, 6 - crista sterni.

2. SKELETON APPENDICULARE - kostra přívěsná

2.1. SKELETON MEMBRI THORACICI - kostra hrudní končetiny

2.1.1. SCAPULA - lopatka - obrázky 78 až 87

A) Facies lateralis - laterální plocha

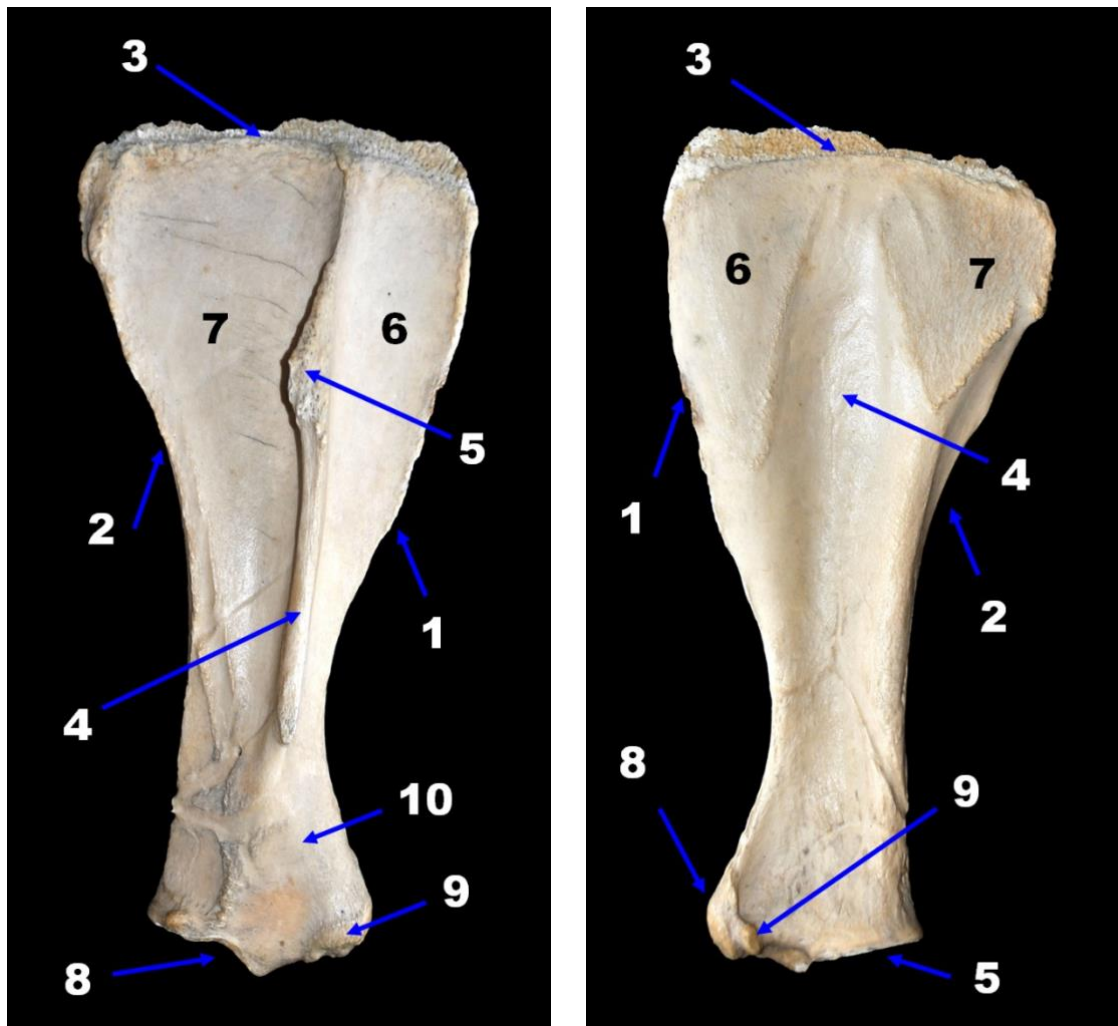
- Spina scapulae et tuber spinae scapulae
- Acromion et processus hamatus (u Car)
- Processus suprahamatus (Fe)
- Fossa supraspinata et fossa infraspinata

B) Facies costalis - mediální plocha

- Fossa subscapularis
- Facies serrata (pars cranialis et caudalis)

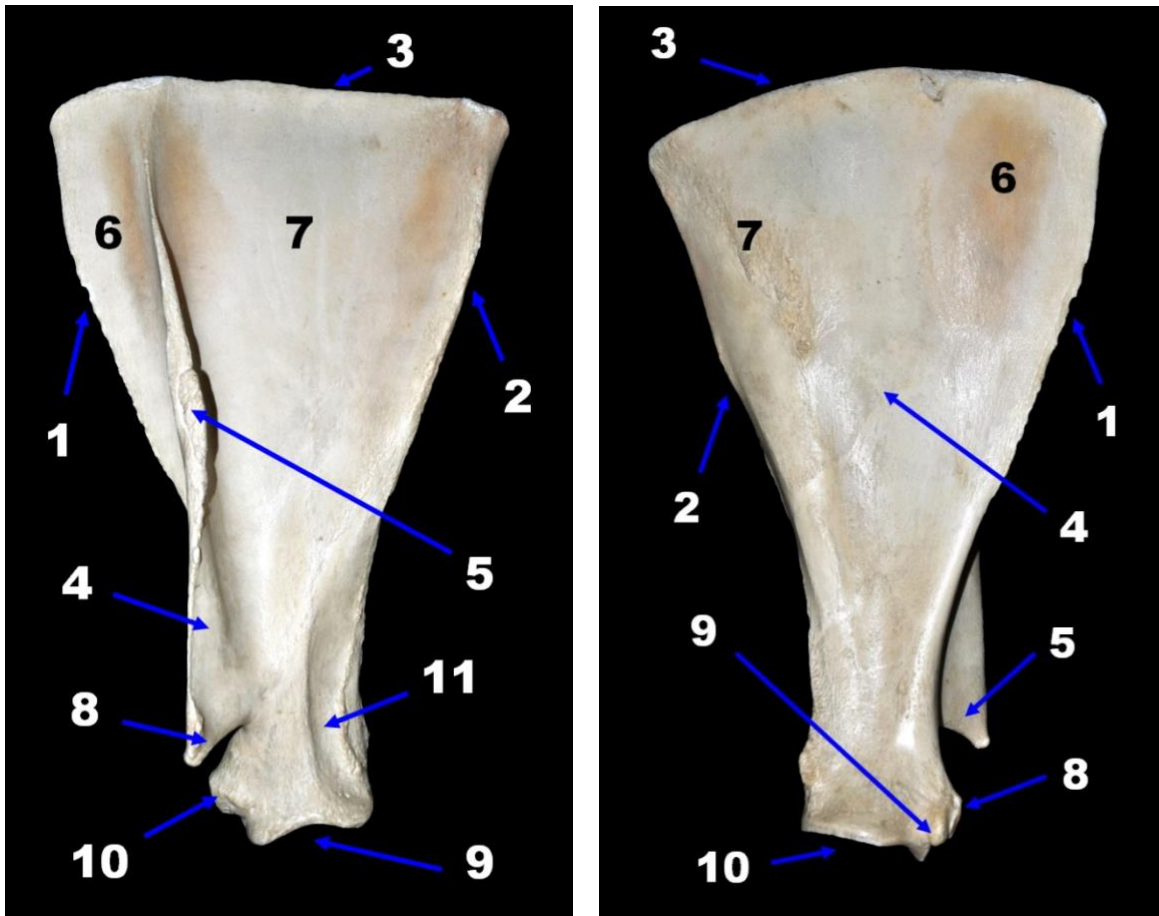
C) zbývající struktury

- Cavitas glenoidalis
- Incisura glenoidalis
- Tuberculum supraglenoidale et infraglenoidale
- Processus coracoideus
- Collum scapulae
- Margo cranialis, caudalis et dorsalis
- Angulus cranialis, caudalis et ventralis
- Cartilago scapulae



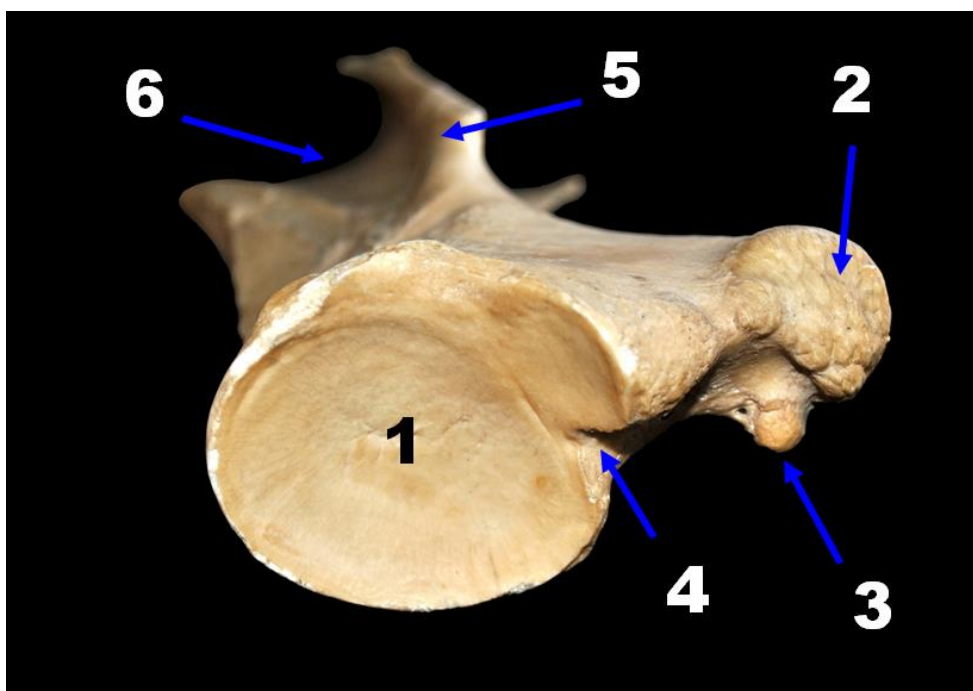
Obr. 78 (vlevo): Scapula dextra, Equus caballus, aspectus lateralis. 1 - margo cranialis, 2 - margo caudalis, 3 - margo dorsalis se zbytky cartilago scapulae, 4 - spina scapulae, 5 - tuber spinae scapulae, 6 - fossa suprascapularis, 7 - fossa infraspinata, 8 - cavitas glenoidalis, 9 - tuberculum supraglenoidale, 10 - collum scapulae.

Obr. 79 (vpravo): Scapula dextra, Equus caballus, aspectus medialis. 1 - margo cranialis, 2 - margo caudalis, 3 - margo dorsalis se zbytky cartilago scapulae, 4 - fossa subscapularis, 5 - cavitas glenoidalis, 6 - facies serrata pars cranialis, 7 - facies serrata pars caudalis, 8 - tuberculum supraglenoidale, 9 - processus coracoideus.

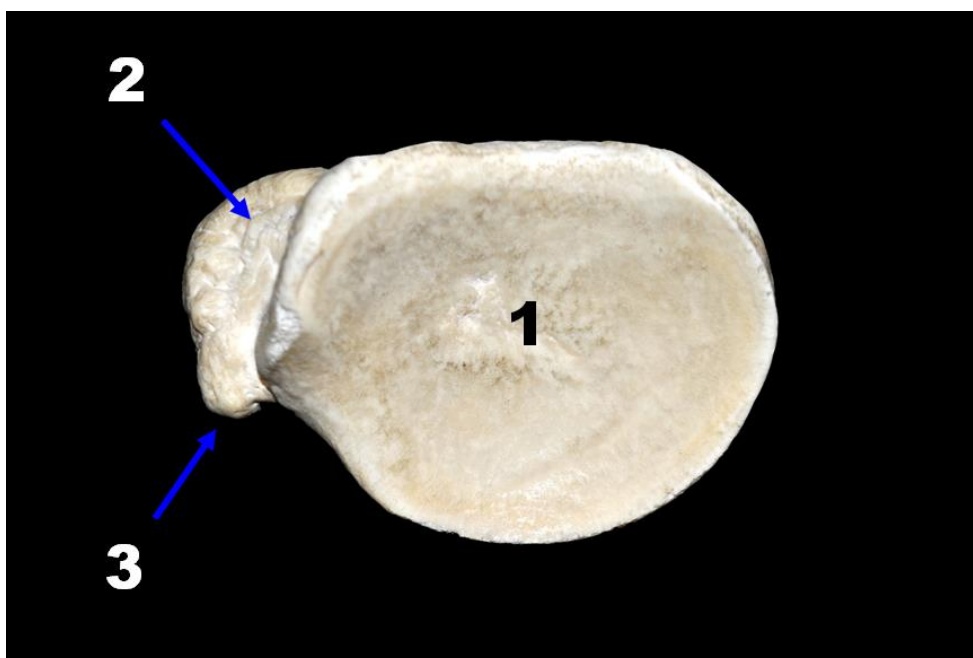


Obr. 80 (vlevo): Scapula sinistra, Bos taurus, aspectus lateralis. 1 - margo cranialis, 2 - margo caudalis, 3 - margo dorsalis, 4 - spina scapulae, 5 - tuber spinae scapulae, 6 - fossa supraspinata, 7 - fossa infraspinata, 8 - acromion, 9 - cavitas glenoidalis, 10 - tuberculum supraglenoidale, 11 - collum scapulae.

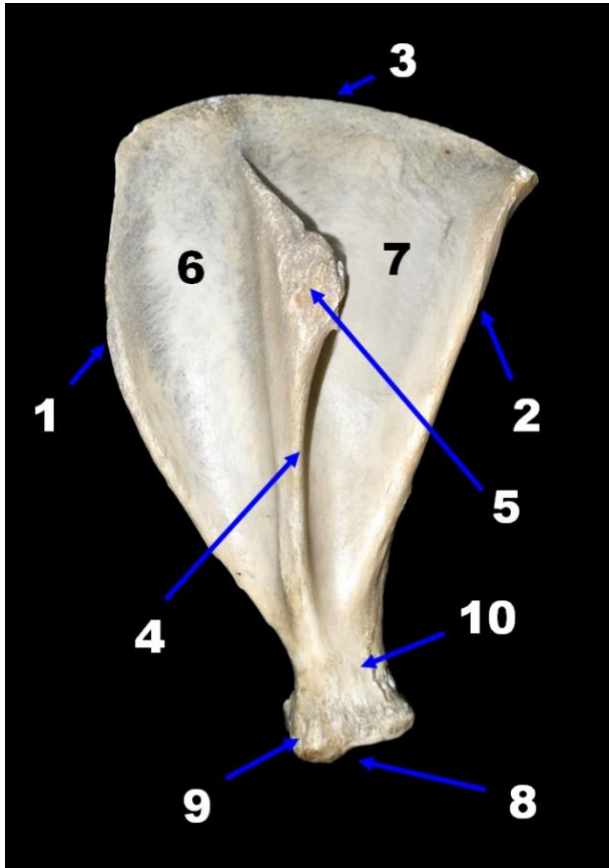
Obr. 81 (vpravo): Scapula sinistra, Bos taurus, aspectus medialis. 1 - margo cranialis, 2 - margo caudalis, 3 - margo dorsalis, 4 - fossa subscapularis, 5 - acromion, 6 - facies serrata pars cranialis, 7 - facies serrata pars caudalis, 8 - tuberculum supraglenoidale, 9 - processus coracoideus, 10 - cavitas glenoidalis.



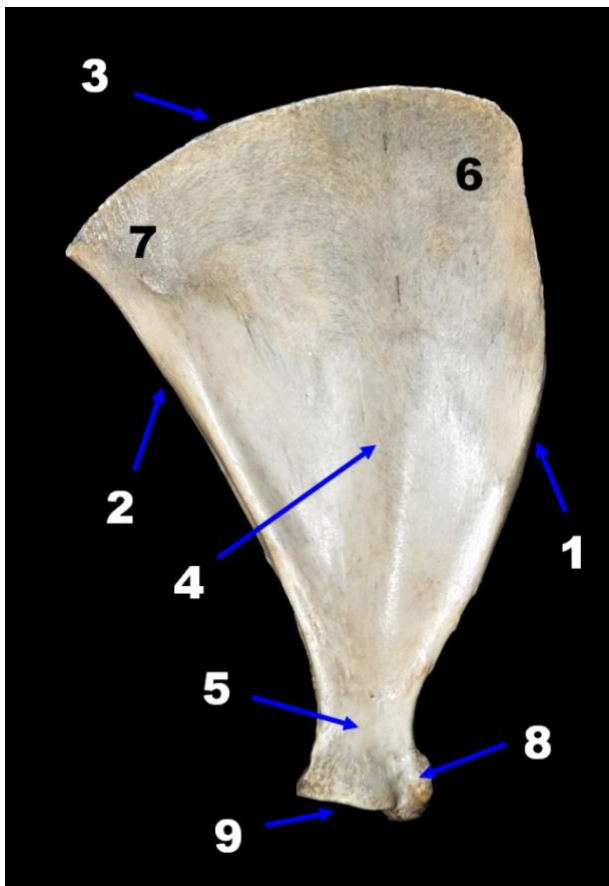
Obr. 82: Scapula dextra (distální konec), *Equus caballus*, aspectus ventralis. 1 - cavitas glenoidalis, 2 - tuberculum supraglenoidale, 3 - processus coracoideus, 4 - incisura glenoidalis, 5 - spina scapulae, 6 - fossa infraspinata.



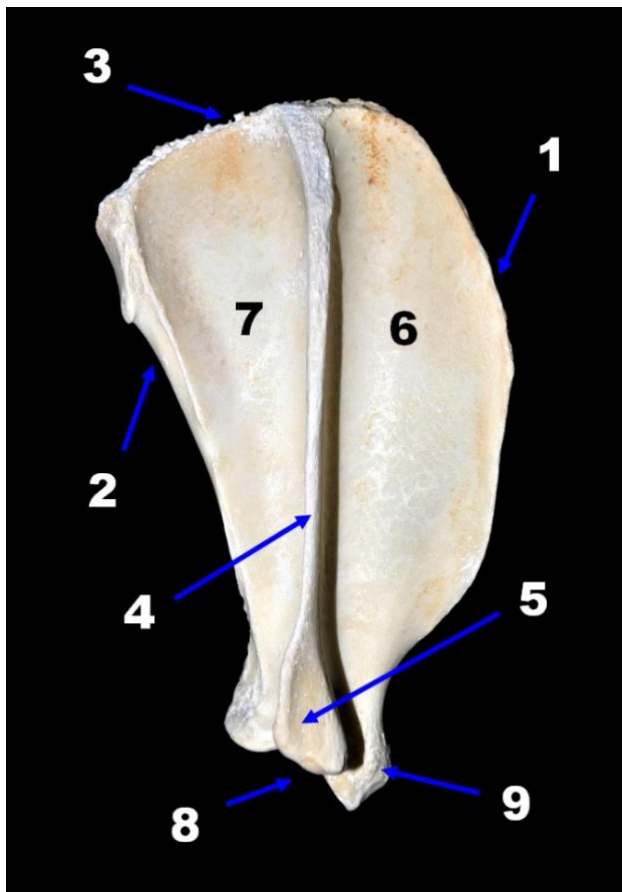
Obr. 83: Scapula sinistra (distální konec), *Bos taurus*, aspectus ventralis. 1 - cavitas glenoidalis, 2 - tuberculum supraglenoidale, 3 - processus coracoideus.



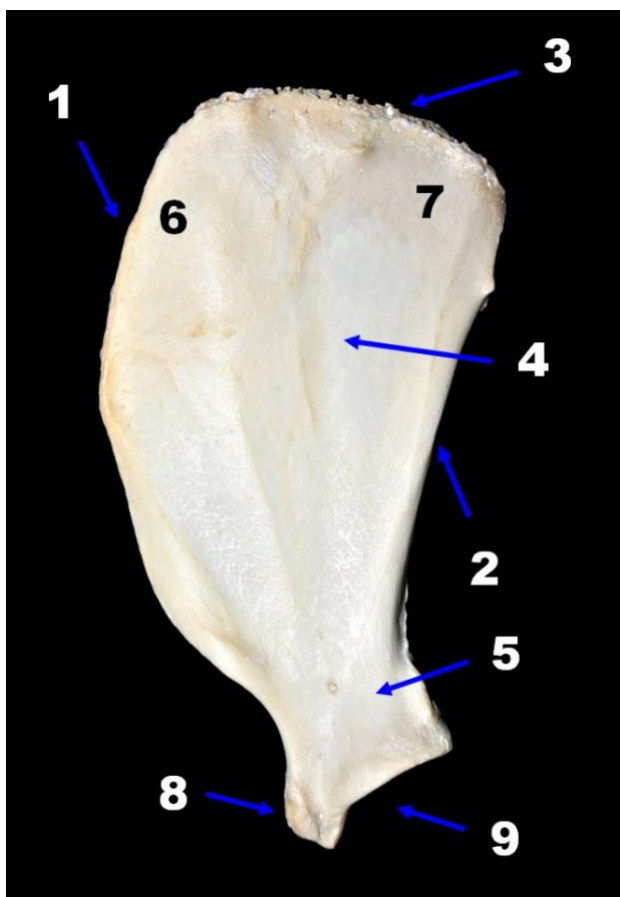
Obr. 84: Scapula sinistra, *Sus scrofa*, aspectus lateralis. 1 - margo cranialis, 2 - margo caudalis, 3 - margo dorsalis, 4 - spina scapulae, 5 - tuber spinae scapulae, 6 - fossa suprascapularis, 7 - fossa infraspinata, 8 - cavitas glenoidalis, 9 - tuberculum supraglenoidale s processus coracoideus, 10 - collum scapulae.



Obr. 85: Scapula sinistra, *Sus scrofa*, aspectus medialis. 1 - margo cranialis, 2 - margo caudalis, 3 - margo dorsalis, 4 - fossa subscapularis, 5 - collum scapulae, 6 - facies serrata pars cranialis, 7 - facies serrata pars caudalis, 8 - tuberculum supraglenoidale s processus coracoideus, 9 - cavitas glenoidalis.



Obr. 86: Scapula dextra, *Canis familiaris*, aspectus lateralis. 1 - margo cranialis, 2 - margo caudalis, 3 - margo dorsalis se zbytky cartilago scapulae, 4 - spina scapulae, 5 - processus hamatus, 6 - fossa suprascapularis, 7 - fossa infraspinata, 8 - cavitas glenoidalis, 9 - tuberculum supraglenoidale.



Obr. 87: Scapula dextra, *Canis familiaris*, aspectus medialis. 1 - margo cranialis, 2 - margo caudalis, 3 - margo dorsalis se zbytky cartilago scapulae, 4 - fossa subscapularis, 5 - collum scapulae, 6 - facies serrata pars cranialis, 7 - facies serrata pars caudalis, 8 - tuberculum supraglenoidale, 9 - cavitas glenoidalis.

2.1.2. HUMERUS - kost pažní - obrázky 88 až 97

A) proximální konec kosti

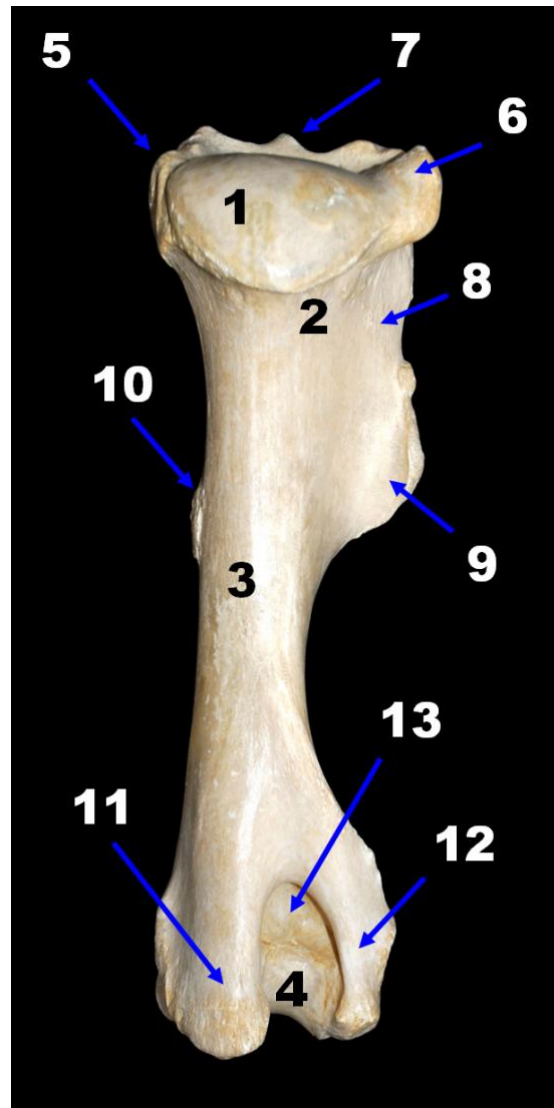
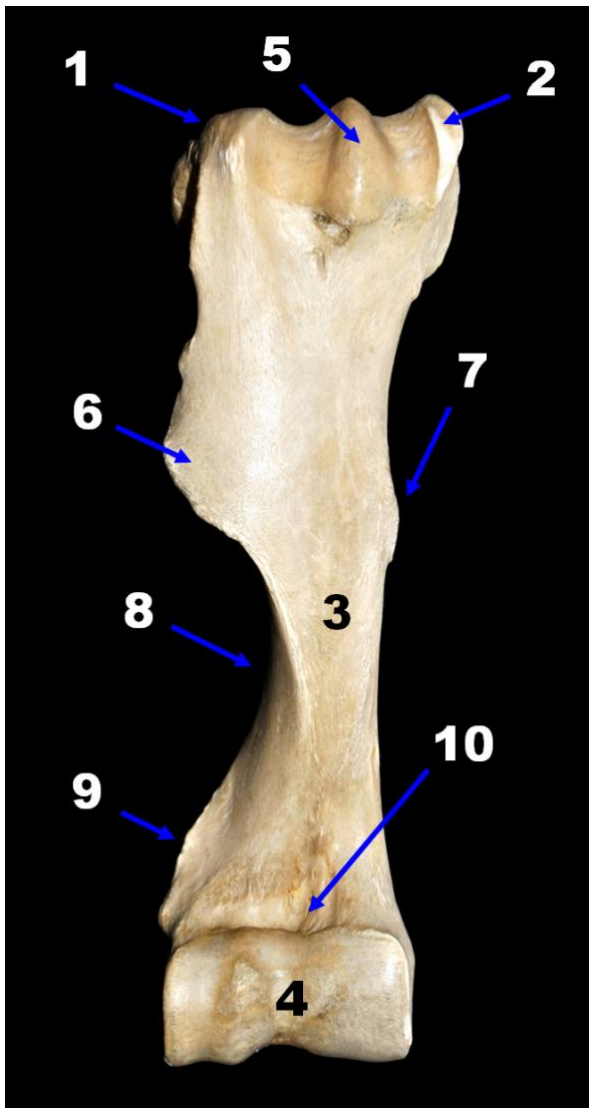
- Caput et collum humeri
- Tuberculum majus (pars cranialis et caudalis)
- Tuberculum minus (pars cranialis et caudalis)
- Crista tuberculi majoris et minoris
- Sulcus intertubercularis, u Eq s tuberculum intermedium
- Facies m. infraspinati
- Tuberositas teres minor
- Linea m. tricipitis

B) diafýza

- Corpus humeri
- Tuberositas deltoidea et tuberositas teres major
- Crista humeri
- Sulcus m. brachialis
- Crista supracondylaris lateralis

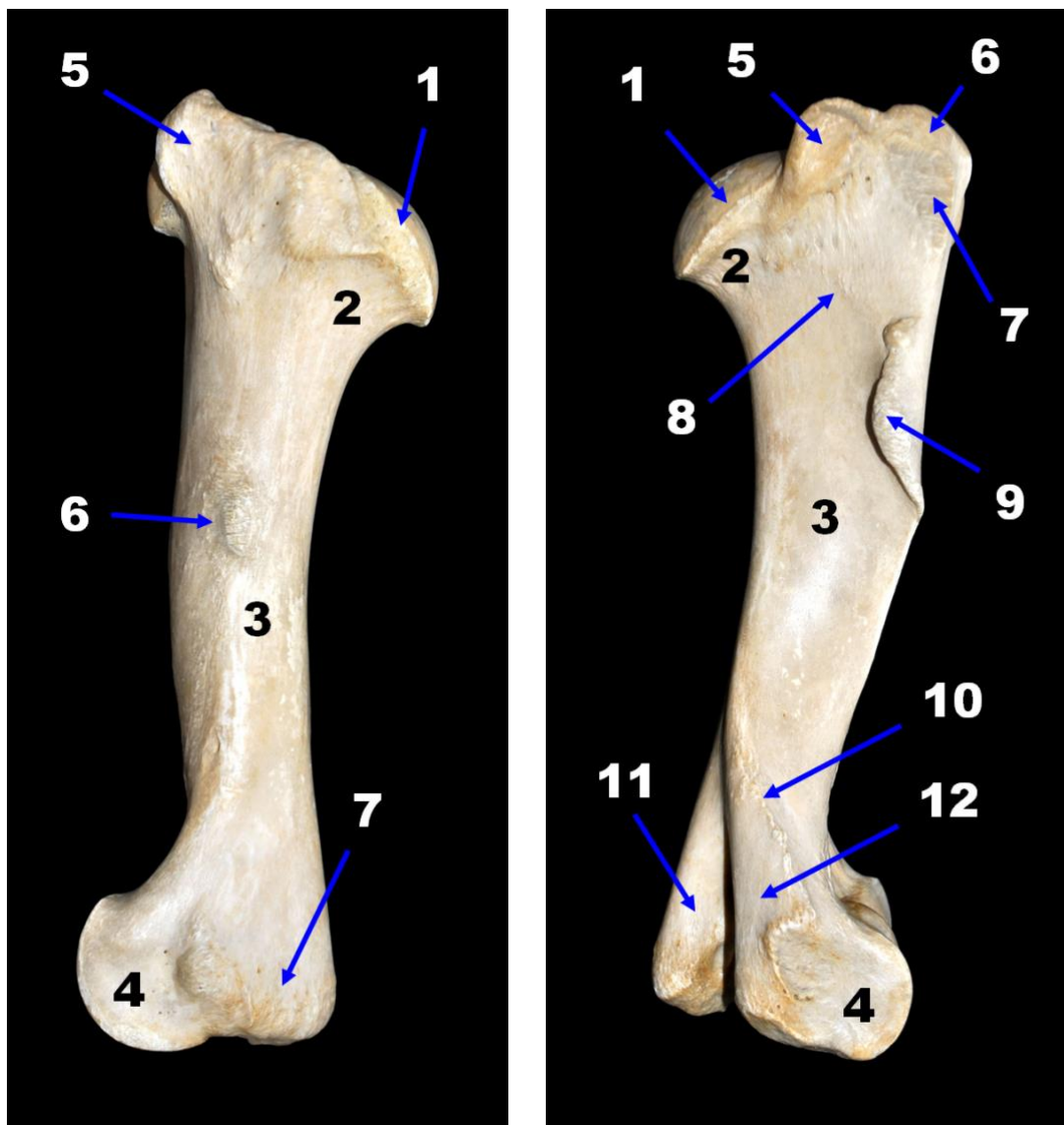
C) distální konec kosti

- Trochlea humeri
- Epicondylus lateralis et medialis
- Fossa olecrani et radialis
- Foramen supratrochleare (Ca)
- Foramen supracondylare (Fe)



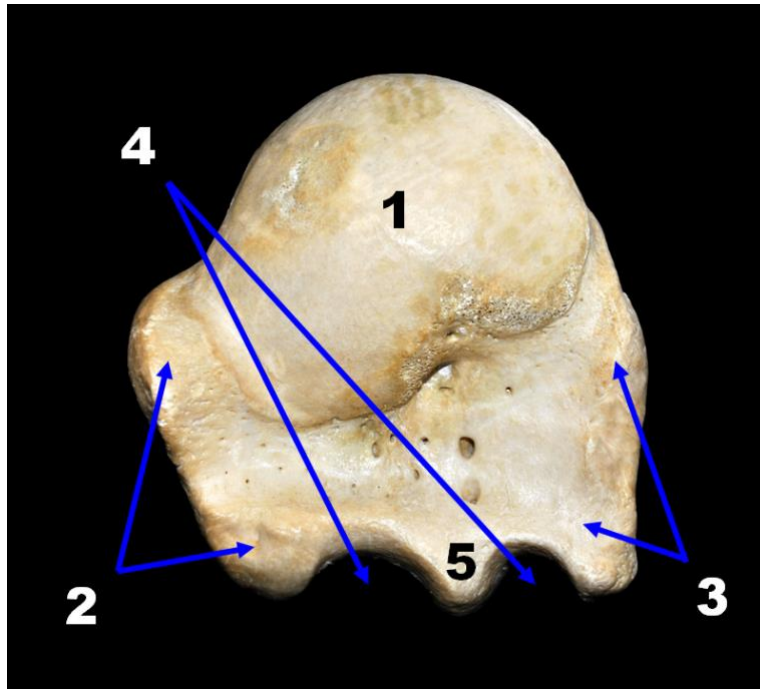
Obr. 88 (vlevo): Humerus dexter, Equus caballus, aspectus cranialis. 1 - tuberculum majus, 2 - tuberculum minus, 3 - corpus humeri, 4 - trochlea humeri, 5 - tuberculum intermedium v sulcus intertubercularis, 6 - tuberositas deltoidea, 7 - tuberositas teres major, 8 - sulcus m. brachialis, 9 - crista supracondylaris lateralis, 10 - fossa radialis.

Obr. 89 (vpravo): Humerus dexter, Equus caballus, aspectus caudalis. 1 - caput humeri, 2 - collum humeri, 3 - corpus humeri, 4 - trochlea humeri, 5 - tuberculum minus, 6 - tuberculum majus, 7 - tuberculum intermedium v sulcus intertubercularis, 8 - linea m. tricipitis, 9 - tuberositas deltoidea, 10 - tuberositas teres major, 11 - epicondylus medialis, 12 - epicondylus lateralis, 13 - fossa olecrani.

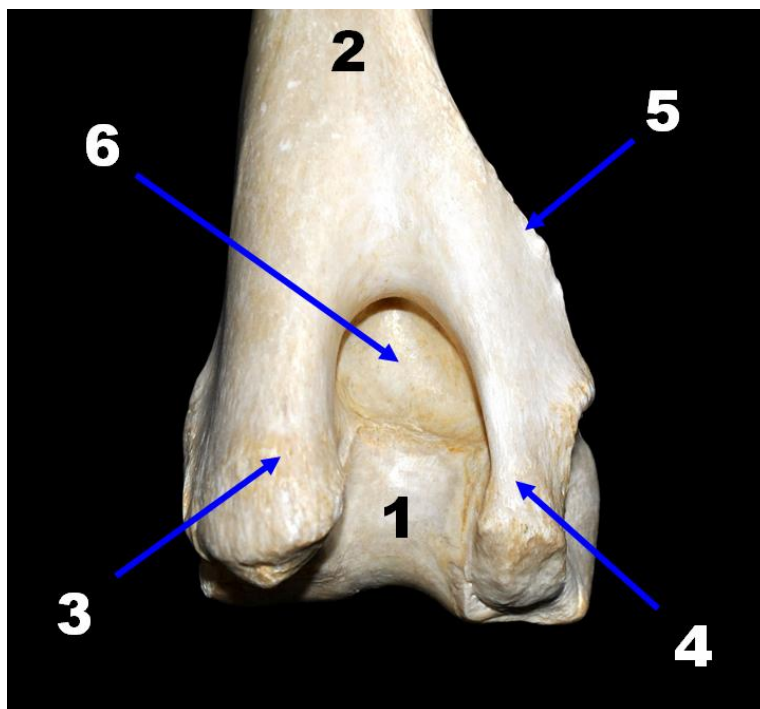


Obr. 90 (vlevo): Humerus dexter, Equus caballus, aspectus medialis. 1 - caput humeri, 2 - collum humeri, 3 - corpus humeri, 4 - trochlea humeri, 5 - tuberculum minus, 6 - tuberositas teres major, 7 - epicondylus medialis.

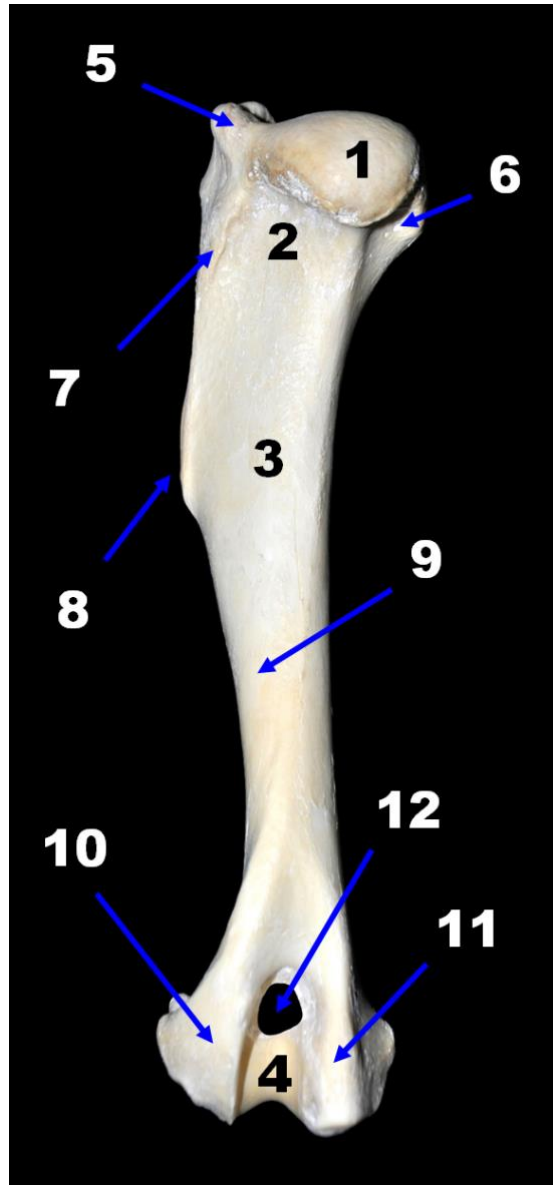
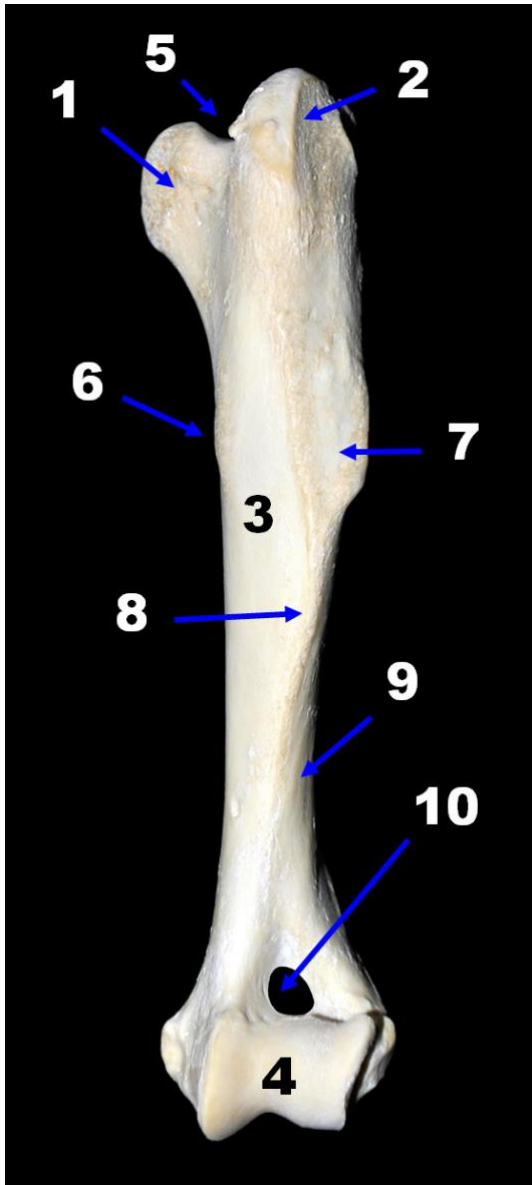
Obr. 91 (vpravo): Humerus dexter, Equus caballus, aspectus lateralis. 1 - caput humeri, 2 - collum humeri, 3 - corpus humeri, 4 - trochlea humeri, 5 - tuberculum majus pars cranialis, 6 - tuberculum majus pars caudalis, 7 - facies m. infraspinati, 8 - linea m. tricipitis, 9 - tuberositas deltoidea, 10 - crista supracondylaris lateralis, 11 - epicondylus medialis, 12 - epicondylus lateralis.



Obr. 92: Humerus dexter (proximální konec), Equus caballus, aspectus proximalis. 1 - caput humeri, 2 - tuberculum majus pars cranialis et caudalis, 3 - tuberculum minus pars cranialis et caudalis, 4 - sulcus intertubercularis, 5 - tuberculum intermedium.

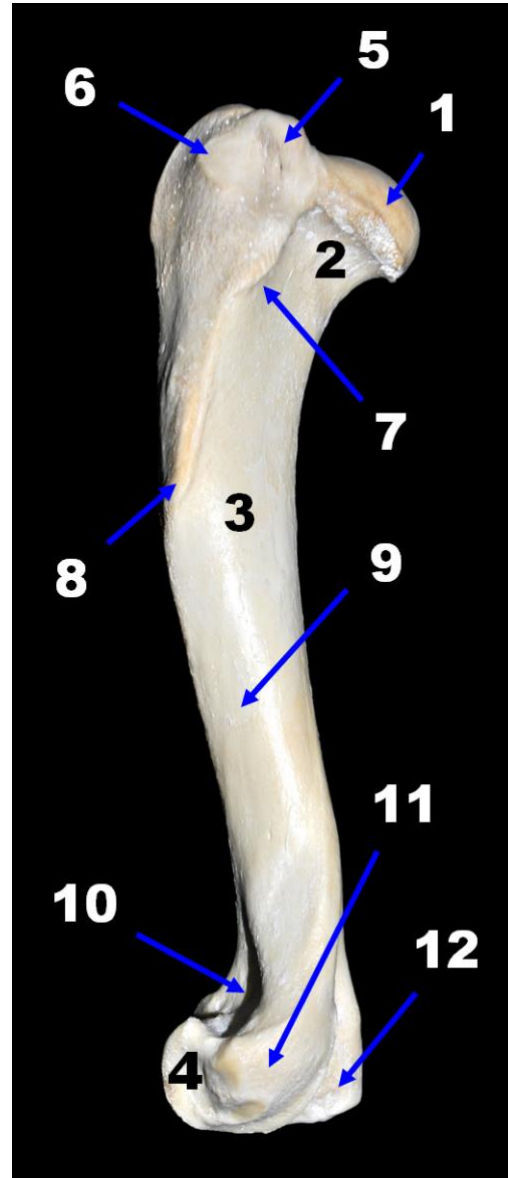
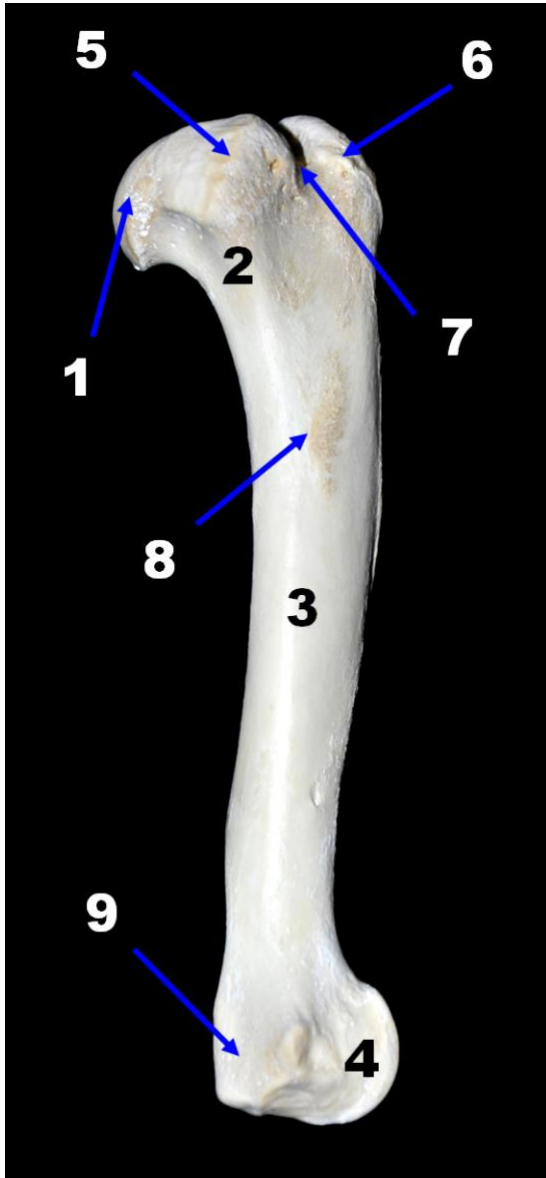


Obr. 93: Humerus dexter (distální konec), Equus caballus, aspectus caudalis. 1 - trochlea humeri, 2 - corpus humeri, 3 - epicondylus medialis, 4 - epicondylus lateralis, 5 - crista supracondylaris lateralis, 6 - fossa olecrani.



Obr. 94 (vlevo): Humerus sinister, Canis familiaris, aspectus cranialis. 1 - tuberculum minus, 2 - tuberculum majus, 3 - corpus humeri, 4 - trochlea humeri, 5 - sulcus intertubercularis, 6 - tuberositas teres major, 7 - tuberositas deltoidea, 8 - crista humeri, 9 - sulcus m. brachialis, 10 - fossa radialis s foramen supratrochleare.

Obr. 95 (vpravo): Humerus sinister, Canis familiaris, aspectus caudalis. 1 - caput humeri, 2 - collum humeri, 3 - corpus humeri, 4 - trochlea humeri, 5 - tuberculum majus, 6 - tuberculum minus, 7 - linea m. tricipitis, 8 - tuberositas deltoidea, 9 - sulcus m. brachialis, 10 - epicondylus lateralis, 11 - epicondylus medialis, 12 - fossa olecrani s foramen supratrochleare.



Obr. 96 (vlevo): Humerus sinister, Canis familiaris, aspectus medialis. 1 - caput humeri, 2 - collum humeri, 3 - corpus humeri, 4 - trochlea humeri, 5 - tuberculum minus, 6 - tuberculum majus, 7 - sulcus intertubercularis, 8 - tuberositas teres major, 9 - epicondylus medialis.

Obr. 97 (vpravo): Humerus sinister, Canis familiaris, aspectus lateralis. 1 - caput humeri, 2 - collum humeri, 3 - corpus humeri, 4 - trochlea humeri, 5 - tuberculum majus, 6 - facies m. infraspinati, 7 - linea m. tricipitis, 8 - tuberositas deltoidea, 9 - sulcus m. brachialis, 10 - fossa radialis s foramen supratrochleare, 11 - epicondylus lateralis, 12 - epicondylus medialis.

2.1.3. RADIUS - kost vřetenní - obrázky 98 až 103

A) proximální konec kosti

- Caput radii s fovea capitis radii
- Collum radii s tuberositas radii
- Circumferentia articularis

B) diafýza

- Corpus radii s facies cranialis et caudalis a margo medialis et lateralis

C) distální konec kosti

- Trochlea radii s facies articularis carpea
- Processus styloideus
- Incisura ulnaris

2.1.4. ULNA - kost loketní - obrázky 98 až 105

A) proximální konec kosti

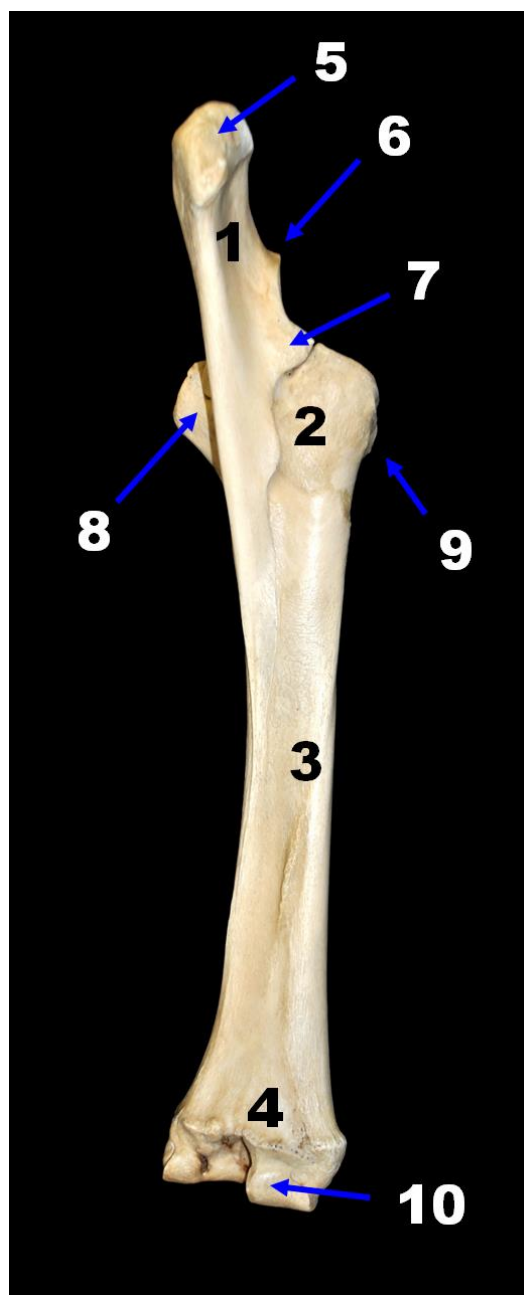
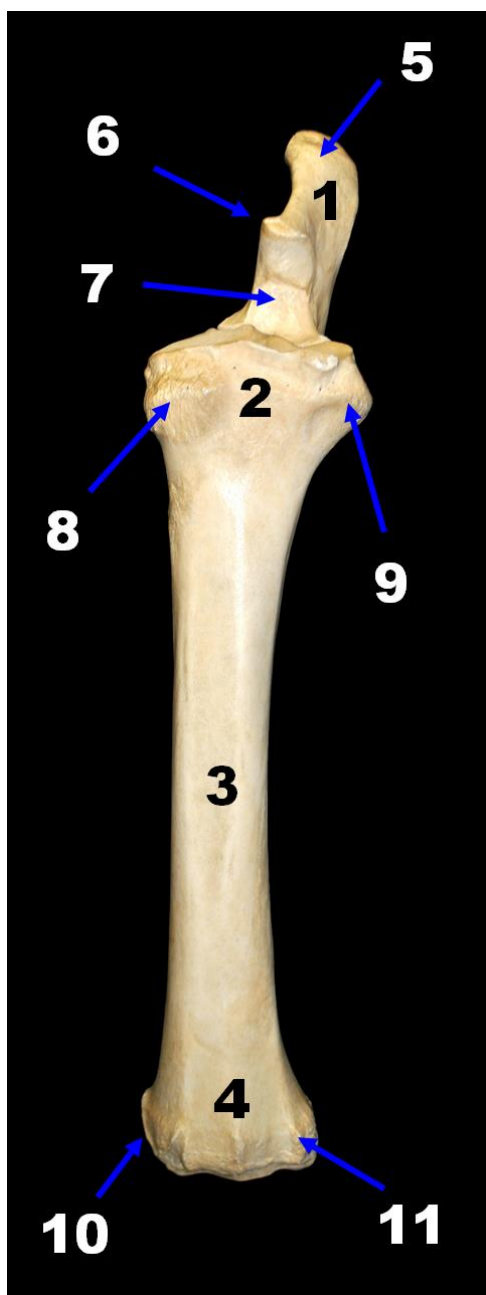
- Olecranon s tuber olecrani a processus anconeus
- Processus coronoideus medialis et lateralis
- Incisura trochlearis et incisura radialis

B) diafýza

- Corpus ulnae

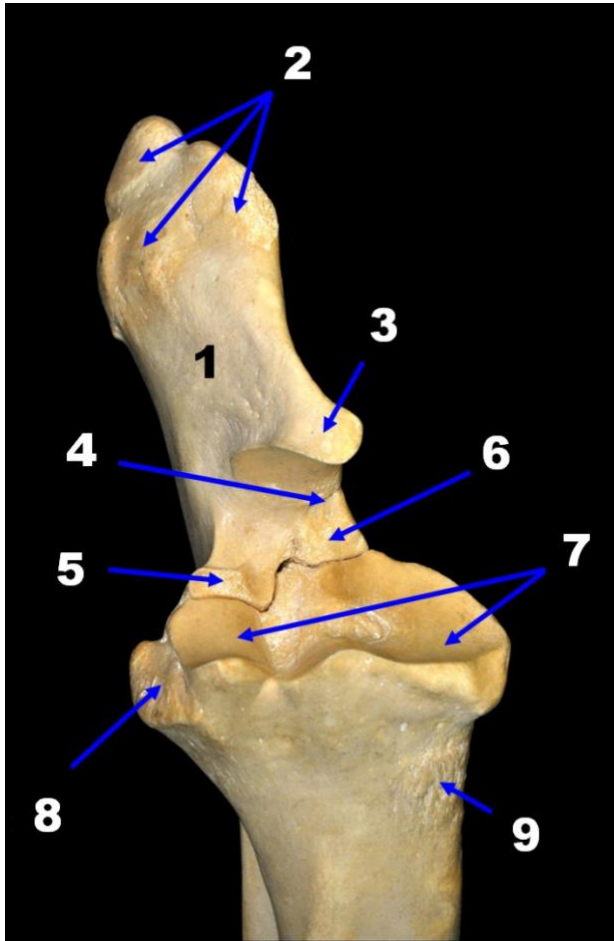
C) distální konec kosti

- Caput ulnae s circumferentia articularis
- Processus styloideus

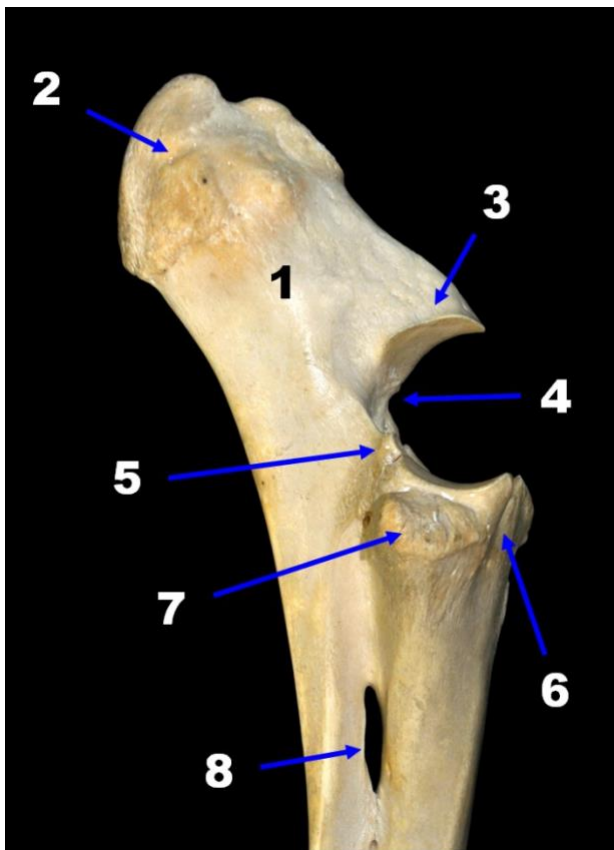


Obr. 98 (vlevo): Radius sinister et ulna sinistra, Equus caballus, aspectus cranialis. 1 - olecranon ulnae, 2 - caput radii, 3 - corpus radii, 4 - trochlea radii, 5 - tuber olecrani, 6 - processus anconeus, 7 - incisura trochlearis, 8 - tuberositas radii, 9 - tuber ligamenti laterale, 10 - processus styloideus radii, 11 - processus styloideus ulnae.

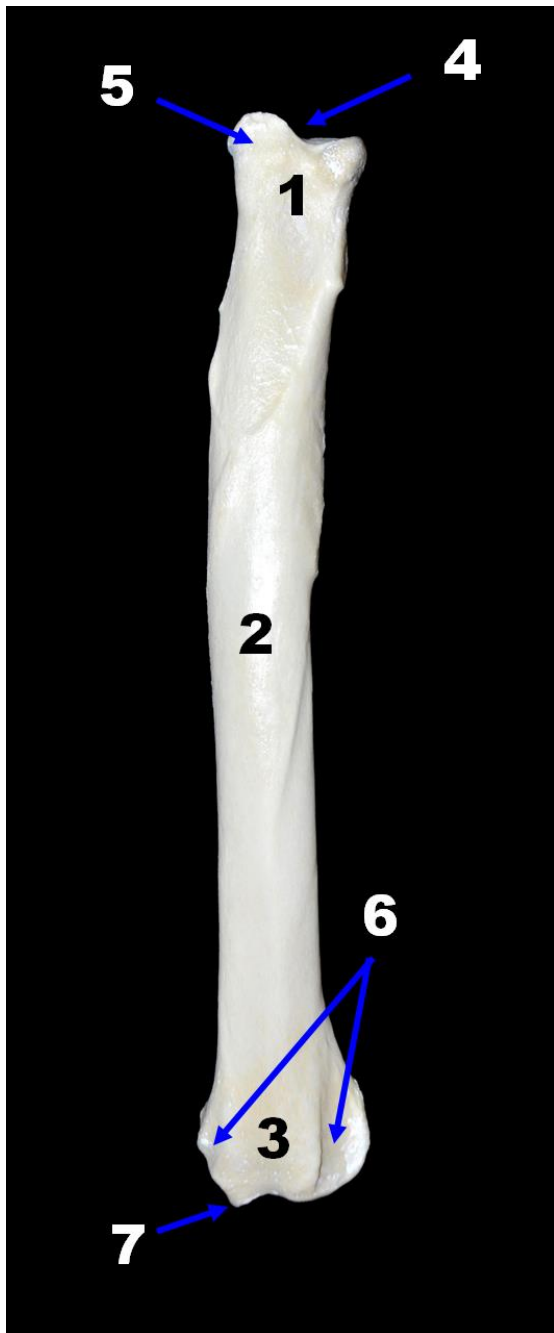
Obr. 99 (vpravo): Radius sinister et ulna sinistra, Equus caballus, aspectus caudalis. 1 - olecranon ulnae, 2 - caput radii, 3 - corpus radii, 4 - trochlea radii, 5 - tuber olecrani, 6 - processus anconeus, 7 - processus coronoideus medialis, 8 - tuber ligamenti laterale, 9 - tuberositas radii, 10 - facies articularis carpea.



Obr. 100: Radius dexter et ulna dextra, Bos taurus, aspectus cranialis, proximální konec. 1 - olecranon ulnae, 2 - tuber olecrani, 3 - processus anconeus, 4 - incisura trochlearis, 5 - processus coronoideus lateralis, 6 - processus coronoideus medialis, 7 - fovea capitis radii, 8 - tuber ligamenti laterale, 9 - tuberositas radii.

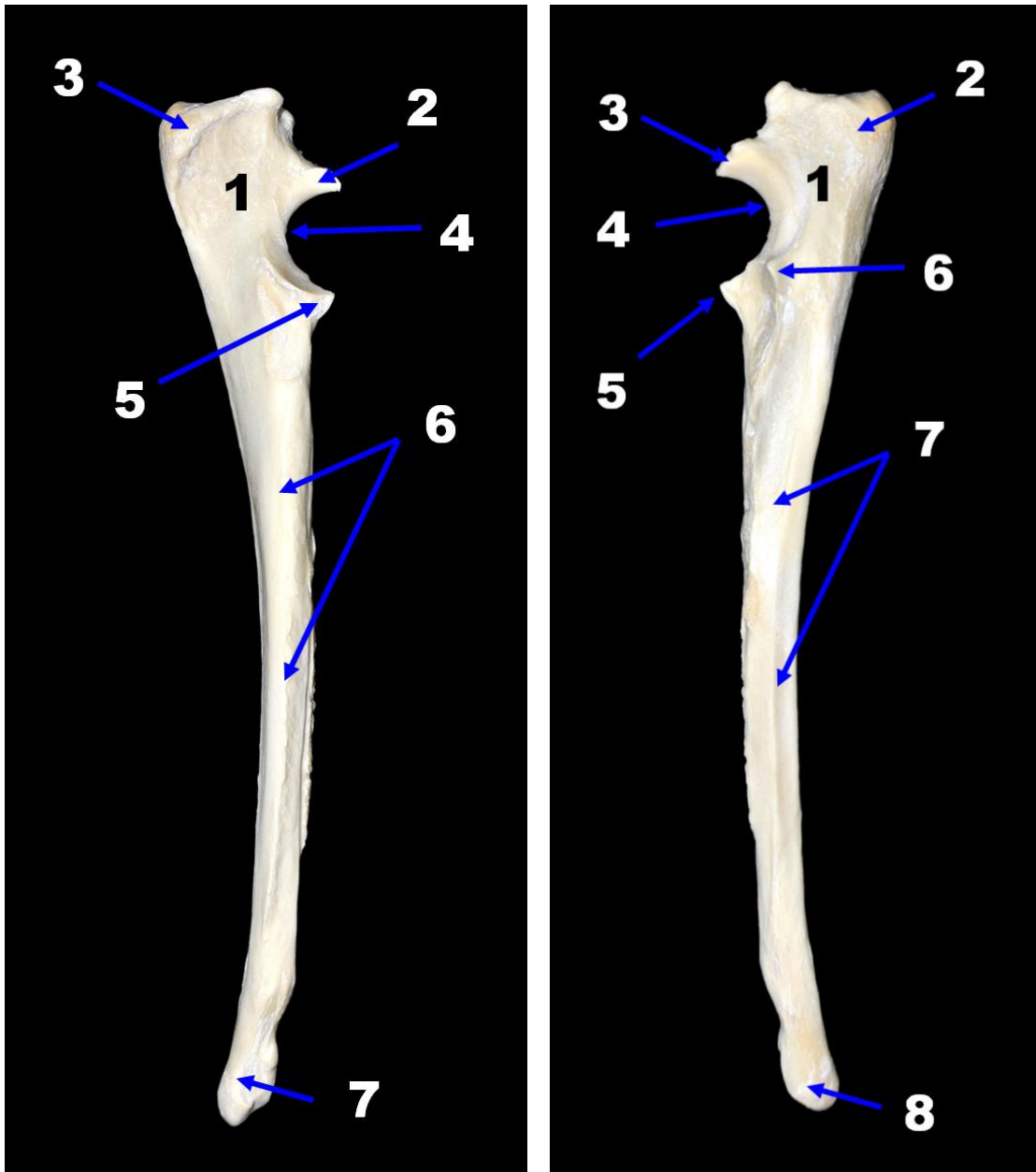


Obr. 101: Radius dexter et ulna dextra, Bos taurus, aspectus lateralis, proximální konec. 1 - olecranon ulnae, 2 - tuber olecrani, 3 - processus anconeus, 4 - incisura trochlearis, 5 - processus coronoideus lateralis, 6 - caput radii, 7 - tuber ligamenti laterale, 8 - spatium interosseum antebrachii proximale.



Obr. 102 (vlevo): Radius dexter, Canis familiaris, aspectus cranialis. 1 - caput radii, 2 - corpus radii, 3 - trochlea radii, 4 - fovea capitis radii, 5 - circumferentia articularis, 6 - sulci tendineum, 7 - processus styloideus radii.

Obr. 103 (vpravo): Radius dexter, Canis familiaris, aspectus caudalis. 1 - caput radii, 2 - corpus radii, 3 - trochlea radii, 4 - fovea capitis radii, 5 - circumferentia articularis, 6 - processus styloideus radii.



Obr. 104 (vlevo): Ulna dextra, Canis familiaris, aspectus medialis. 1 - olecranon ulnae, 2 - processus anconeus, 3 - tuber olecrani, 4 - incisura trochlearis, 5 - processus coronoideus medialis, 6 - corpus radii, 7 - processus styloideus ulnae.

Obr. 105 (vpravo): Ulna dextra, Canis familiaris, aspectus lateralis. 1 - olecranon ulnae, 2 - tuber olecrani, 3 - processus anconeus, 4 - incisura trochlearis, 5 - processus coronoideus medialis, 6 - processus coronoideus lateralis, 7 - corpus ulnae, 8 - processus styloideus ulnae.

2.1.5. OSSA CARPI - kosti zápěstí - obrázek 106

A) proximální řada (ordo proximalis)

- Os carpi radiale
- Os carpi intermedium
- Os carpi ulnare
- Os carpi accessorium
- Os carpi intermedioradiale (Ca)

C) distální řada (ordo distalis)

- Os carpale I
- Os carpale II
- Os carpale III
- Os carpale IV
- Os carpale II et III (Ru)

2.1.6. OSSA METACARPALIA - kosti záprstí - obrázky 107 až 112

A) proximální konec kosti

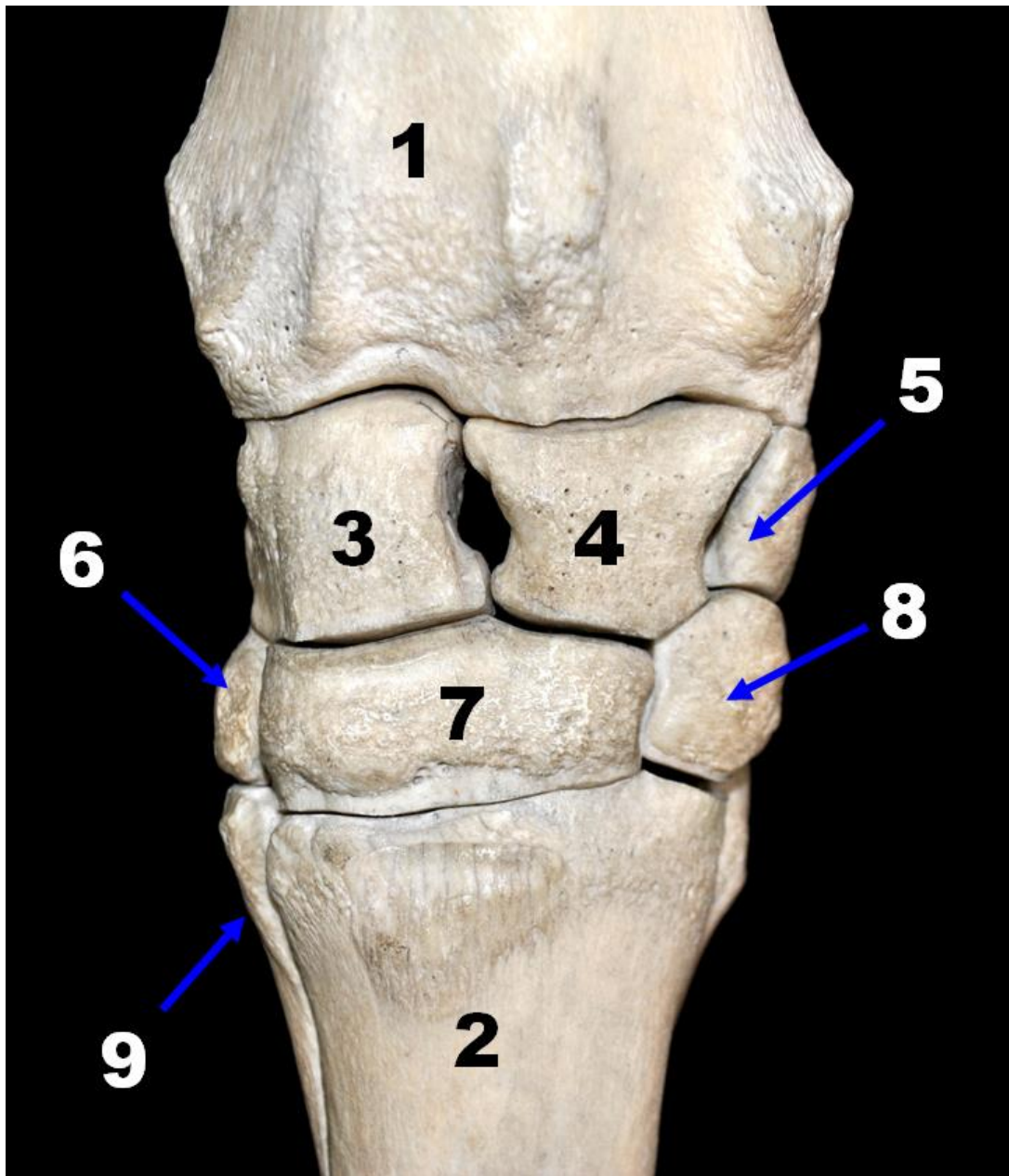
- Basis et facies articularis carpea

B) diafýza

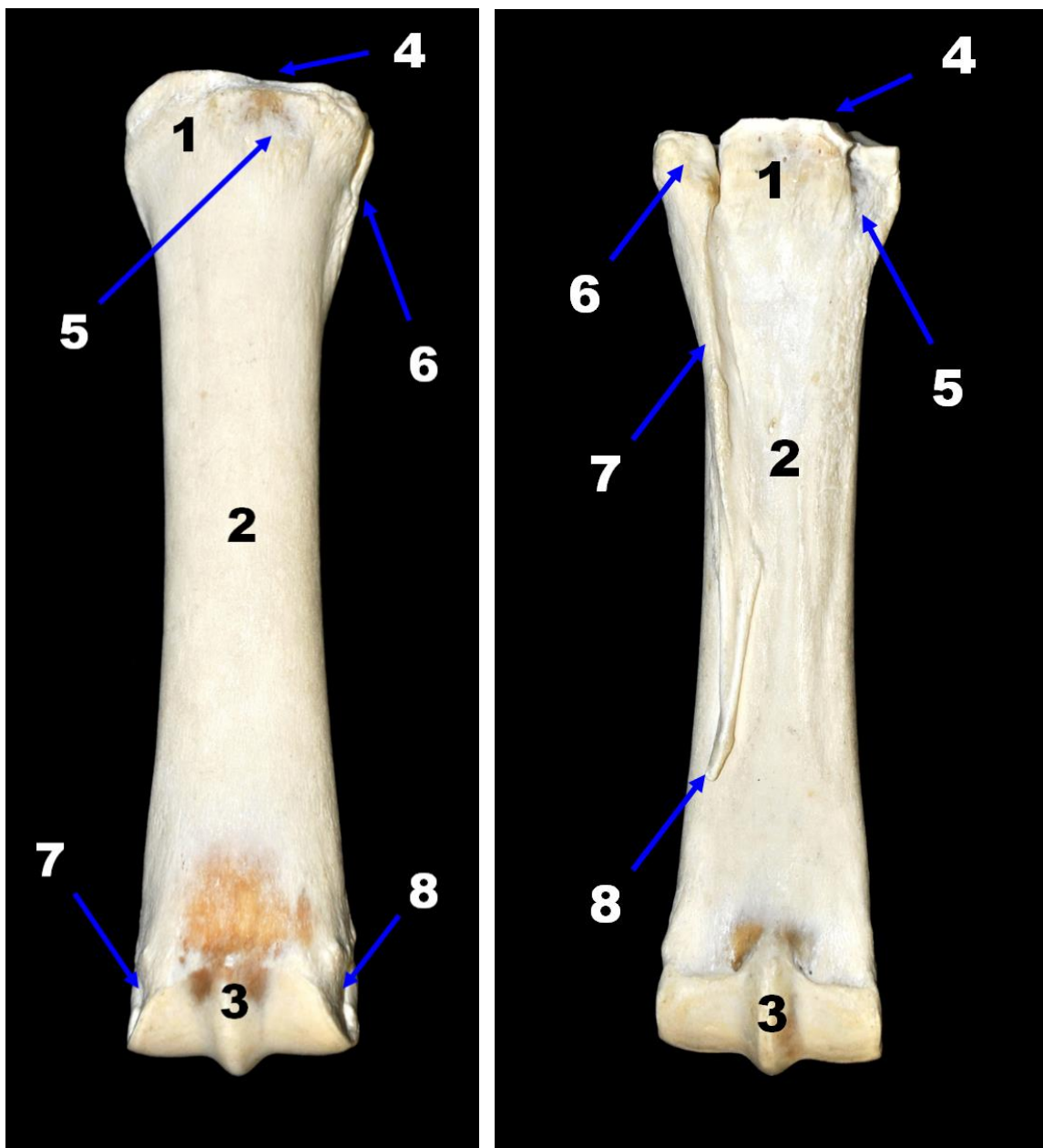
- Corpus s tuberositas metacarpi
- Sulcus longitudinalis dorsalis et palmaris (Ru)
- Canalis metacarpi proximalis et distalis (Ru)

C) distální konec kosti

- Trochlea

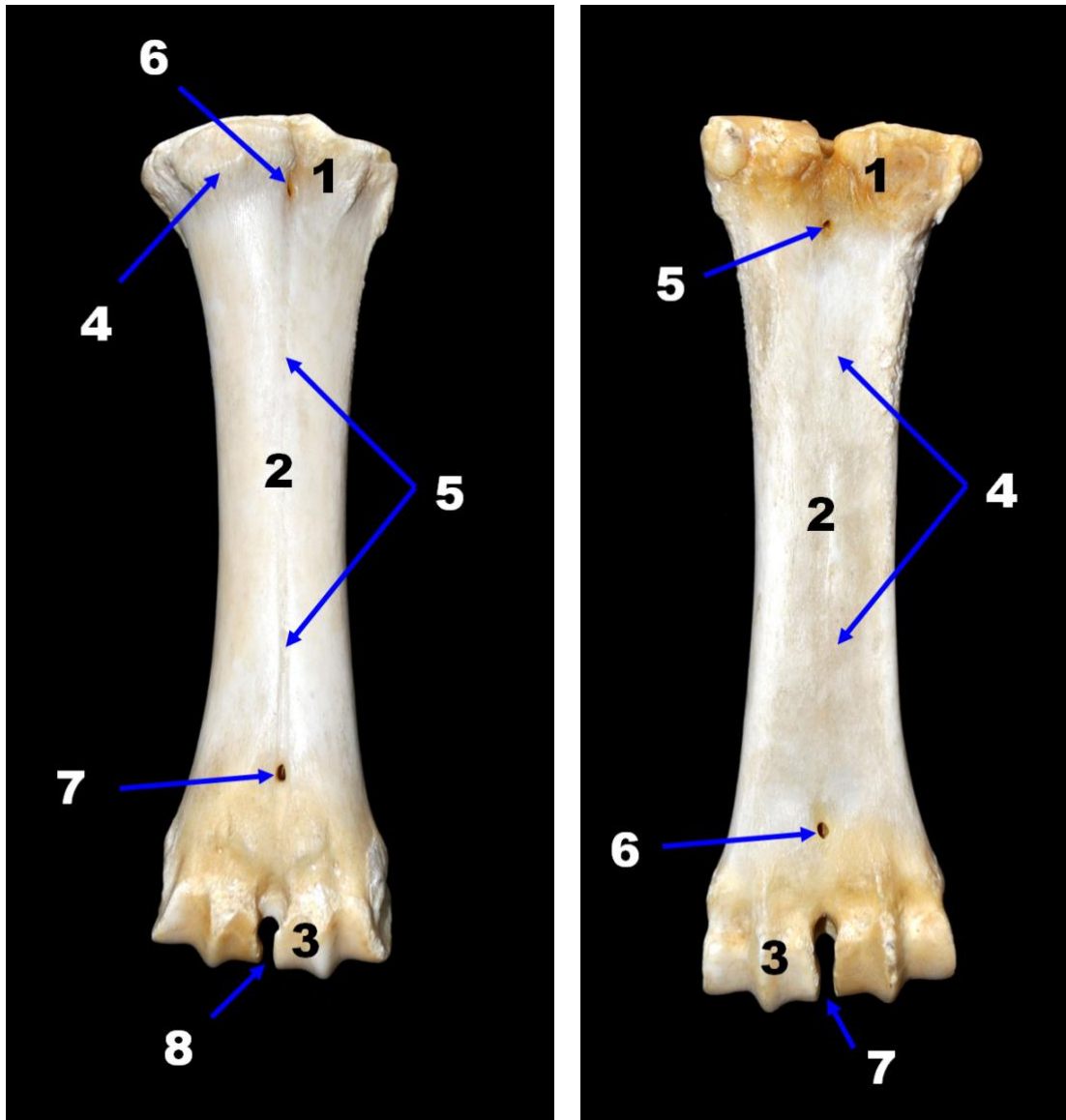


Obr. 106: Ossa carpi, Equus caballus, aspectus dorsalis. 1 - radius sinister, 2 - os metacarpale III sinisterum, 3 - os carpi radiale, 4 - os carpi intermedium, 5 - os carpi ulnare, 6 - os carpale II, 7 - os carpale III, 8 - os carpale IV, 9 - os metacarpale II.



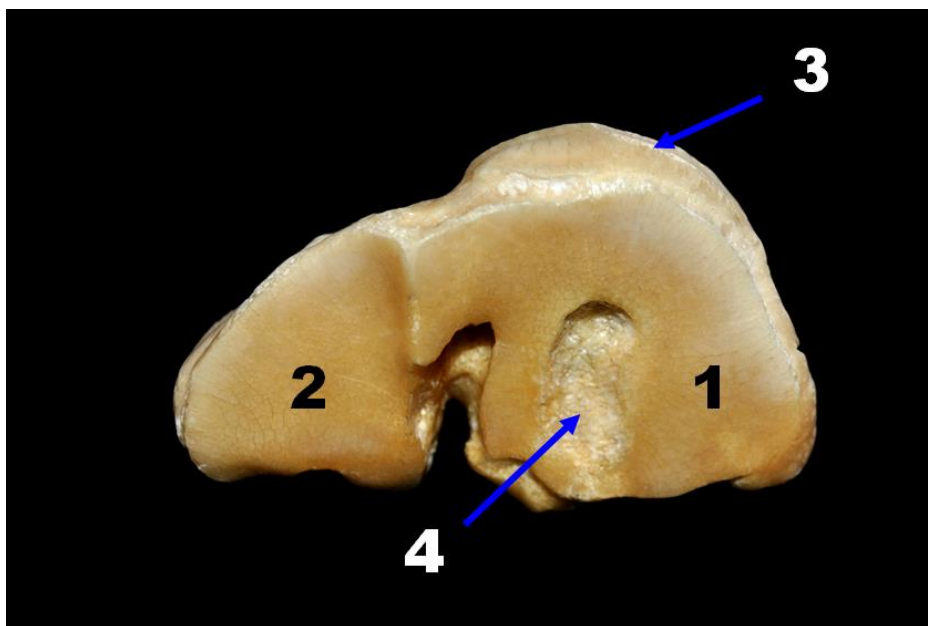
Obr. 107 (vlevo): Os metacarpale III dextrum, Equus caballus, aspectus dorsalis. 1 - basis ossis metacarpalis III, 2 - corpus ossis metacarpalis III, 3 - trochlea ossis metacarpalis III, 4 - facies articularis carpea, 5 - tuberositas ossis metacarpalis III, 6 - os metacarpale II, 7 - tuber ligamenti laterale, 8 - tuber ligamenti mediale.

Obr. 108 (vpravo): Os metacarpale III dextrum, Equus caballus, aspectus palmaris. 1 - basis ossis metacarpalis III, 2 - corpus ossis metacarpalis III, 3 - trochlea ossis metacarpalis III, 4 - facies articularis carpea, 5 - plocha pro spojení s os metacarpale IV, 6 - basis ossis metacarpalis II, 7 - corpus ossis metacarpalis II, 8 - globulus ossis metacarpalis III.

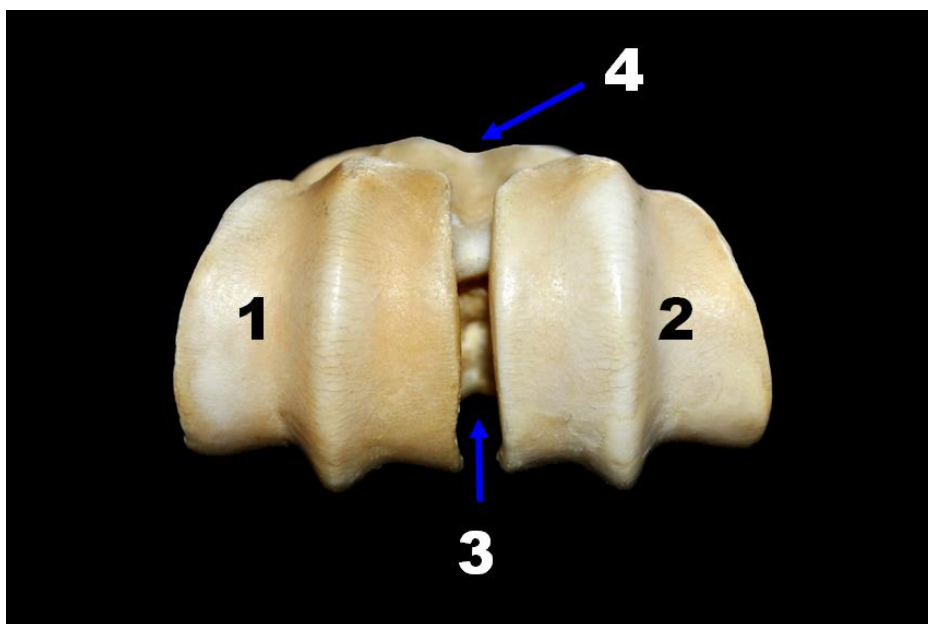


Obr. 109 (vlevo): Os metacarpale III et IV sinistrum, *Bos taurus*, aspectus dorsalis. 1 - basis s facies articularis, 2 - corpus, 3 - trochlea, 4 - tuberositas ossis metacarpalis III, 5 - sulcus longitudinalis dorsalis, 6 - canalis metacarpi proximalis, 7 - canalis metacarpi distalis, 8 - incisura intertrochlearis.

Obr. 110 (vpravo): Os metacarpale III et IV sinistrum, *Bos taurus*, aspectus palmaris. 1 - basis s facies articularis, 2 - corpus, 3 - trochlea, 4 - sulcus longitudinalis palmaris, 5 - canalis metacarpi proximalis, 6 - canalis metacarpi distalis, 7 - incisura intertrochlearis.



Obr. 111: Os metacarpale III et IV (levá), Bos taurus, aspectus proximalis. 1 - facies articularis na bázi 3. metakarpu, 2 - facies articularis na bázi 4. metakarpu, 3 - tuberositas ossis metacarpalis III, 4 - fossa synovialis.



Obr. 112: Os metacarpale III et IV (levá), Bos taurus, aspectus distalis. 1 - trochlea ossis metacarpalis III, 2 - trochlea ossis metacarpalis IV, 3 - incisura intertrochlearis, 4 - sulcus longitudinalis dorsalis.

2.1.7. OSSA DIGITORUM MANUS - kosti prstu ruky - obrázky 113 až 126

A) proximální článek prstu (phalanx proximalis)

- Basis phalangis proximalis
- Fovea articularis
- Corpus phalangis proximalis
- Tubera et eminentiae palmares seu trigonum phalangis proximalis (Eq)
- Trochlea (caput) phalangis proximalis

B) střední článek prstu (phalanx media)

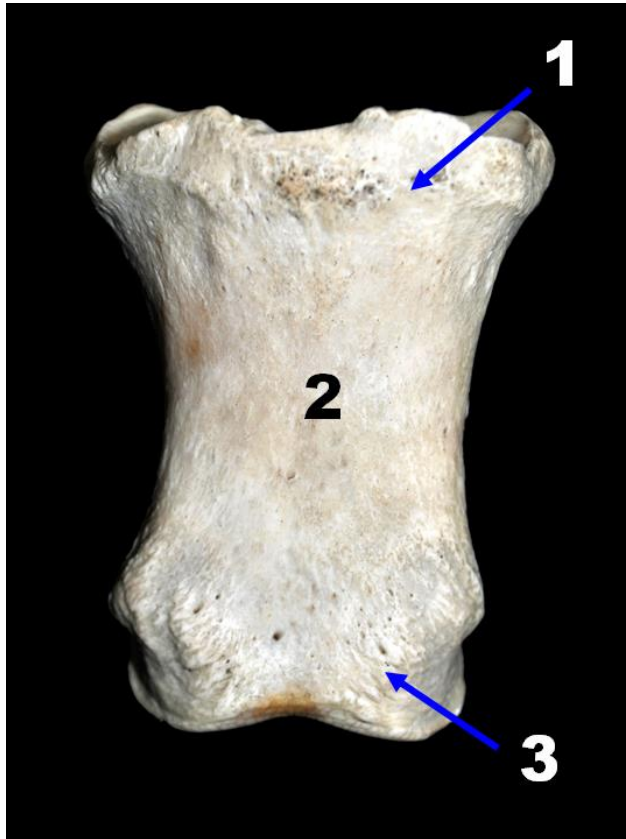
- Basis phalangis mediae
- Processus extensorius et tori palmares
- Corpus phalangis mediae
- Trochlea (caput) phalangis mediae

C) distální článek prstu (phalanx distalis)

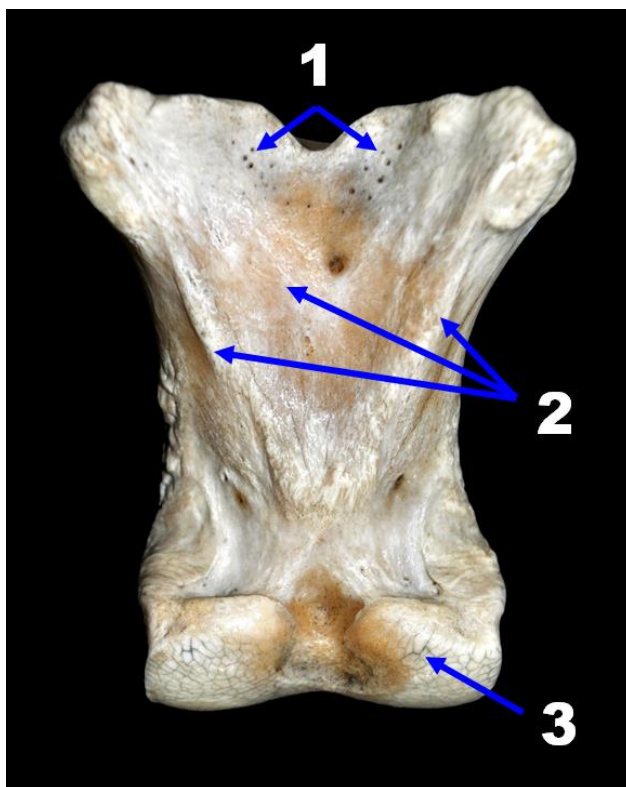
- Basis et apex phalangis distalis
- Facies parietalis et solearis
- Facies articularis et articularis sesamoidea
- Margo coronalis, dorsalis et solearis
- Processus extensorius et palmaris (Eq p. p. lateralis et medialis)
- Foramen axiale et foramen processus palmaris
- Incisura et foramen processus palmaris medialis et lateralis (Eq)
- Canalis solearis
- Processus, crista et sulcus unguicularis (Ca)

D) sezamské kosti prstu

- Ossa sesamoidea proximalia
- Os sesamoideum distale



Obr. 113: Phalanx proximalis, Equus caballus, aspectus dorsalis. 1 - basis phalangis proximalis, 2 - corpus phalangis proximalis, 3 - trochlea phalangis proximalis.



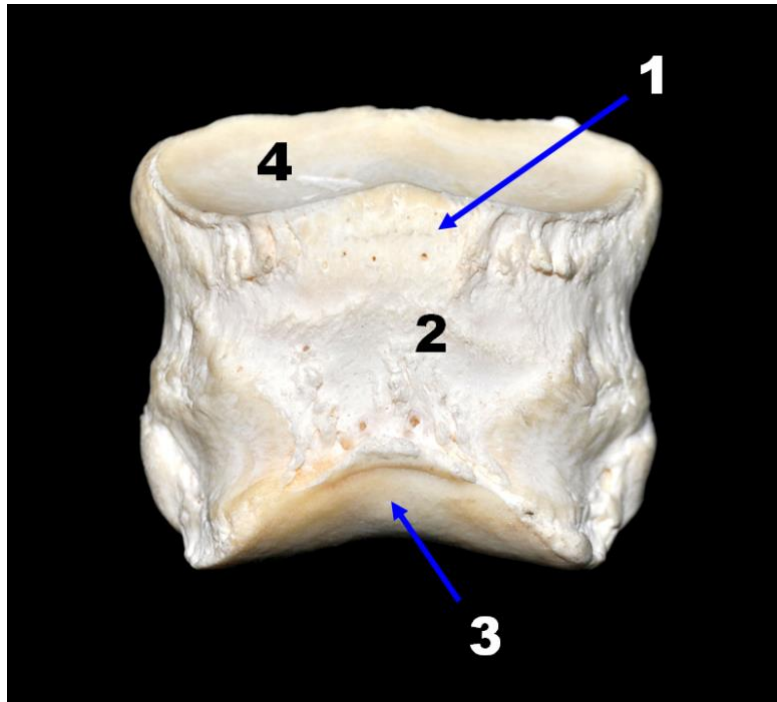
Obr. 114: Phalanx proximalis, Equus caballus, aspectus palmaris. 1 - basis phalangis proximalis, 2 - trigonum phalangis proximalis, 3 - trochlea phalangis proximalis.



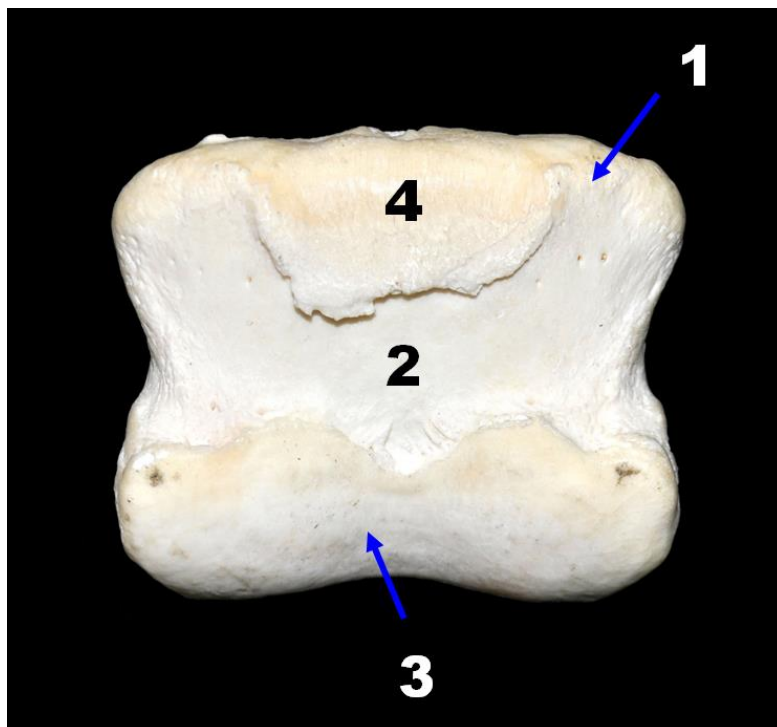
Obr. 115: Phalanx proximalis, Equus caballus, aspectus lateralis. 1 - basis phalangis proximalis, 2 - corpus phalangis proximalis, 3 - trochlea phalangis proximalis.



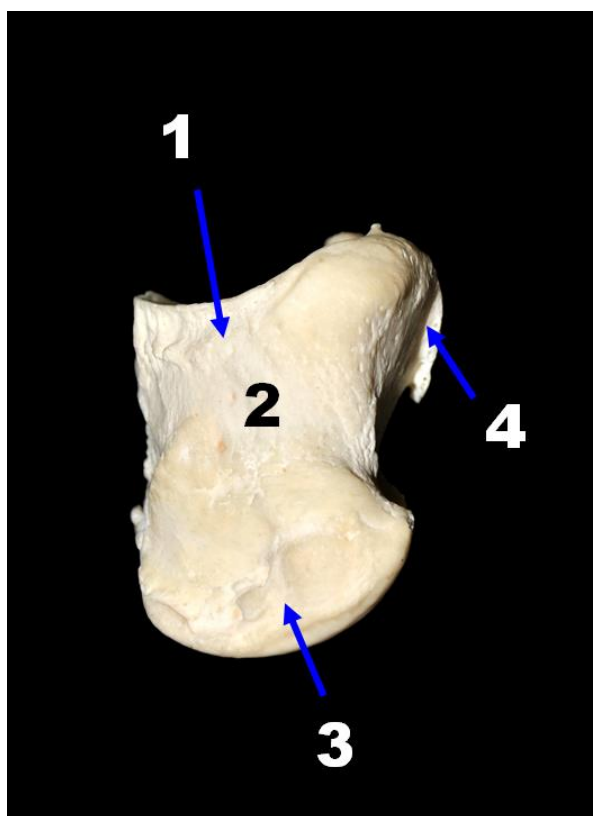
Obr. 116: Phalanx proximalis, Equus caballus, aspectus proximalis. 1 - fovea articularis na basis phalangis proximalis.



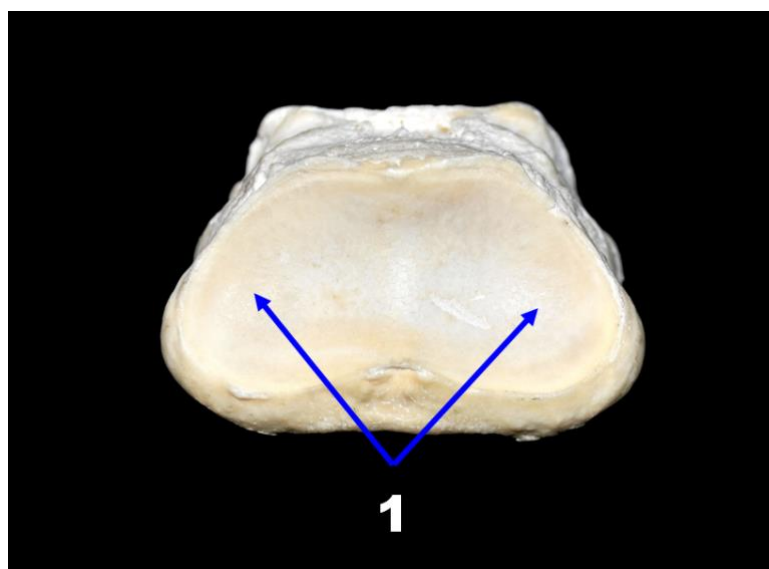
Obr. 117: Phalanx media, Equus caballus, aspectus dorsalis. 1 - basis phalangis mediae, 2 - corpus phalangis mediae, 3 - trochlea phalangis mediae, 4 - fovea articularis.



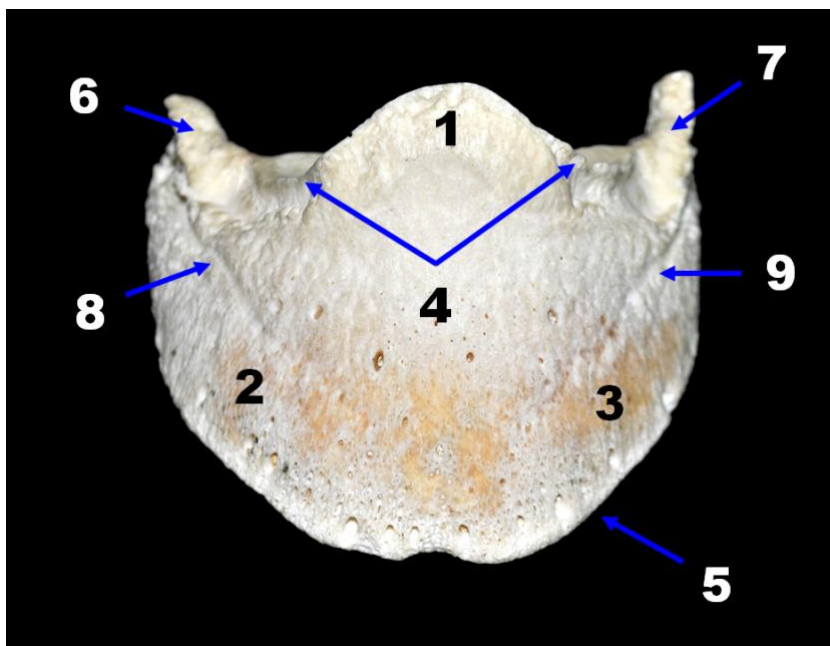
Obr. 118: Phalanx media, Equus caballus, aspectus palmaris. 1 - basis phalangis mediae, 2 - corpus phalangis mediae, 3 - trochlea phalangis mediae, 4 - torus palmaris.



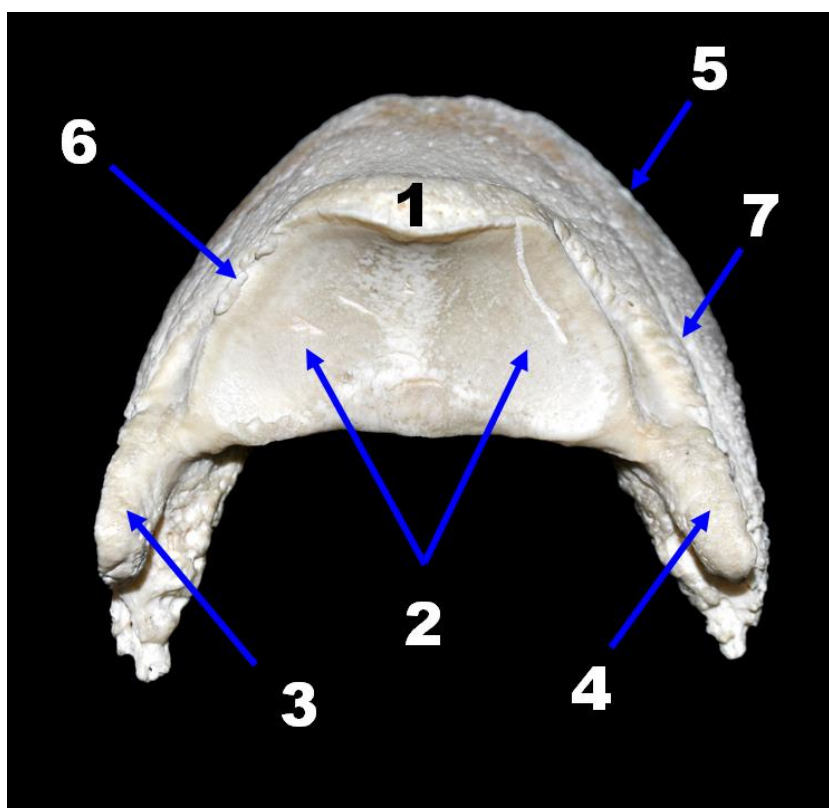
Obr. 119: Phalanx media, Equus caballus, aspectus lateralis. 1 - basis phalangis mediae, 2 - corpus phalangis mediae, 3 - trochlea phalangis mediae, 4 - torus palmaris.



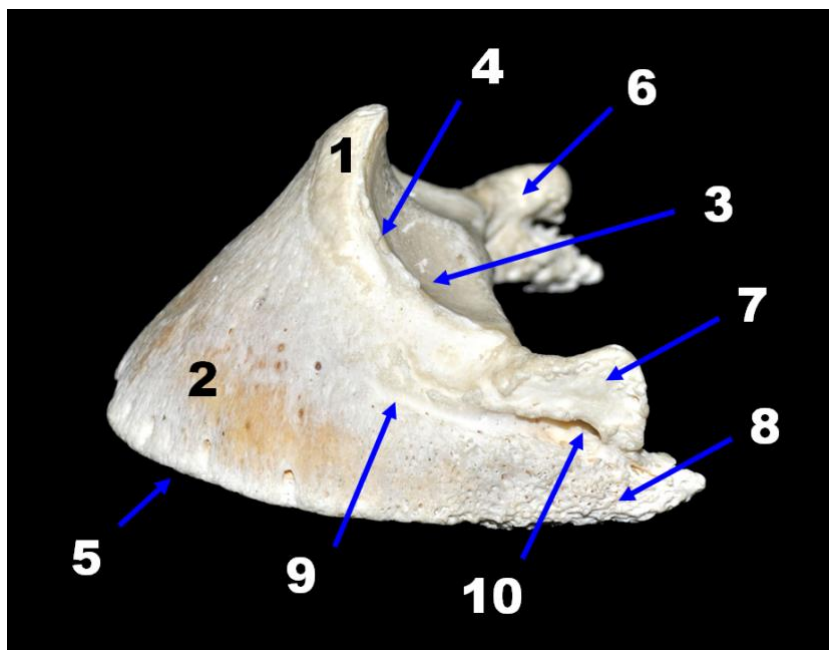
Obr. 120: Phalanx media, Equus caballus, aspectus proximalis. 1 - fovea articularis na basis phalangis mediae.



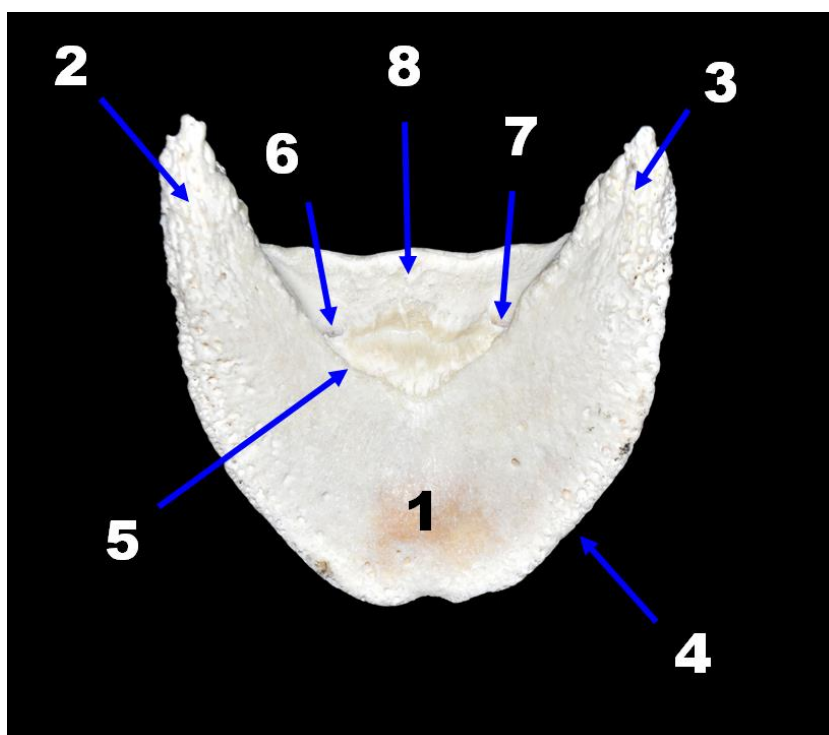
Obr. 121: Phalanx distalis, Equus caballus, aspectus dorsalis. 1 - processus extensorius, 2 - mediální polovina facies parietalis, 3 - laterální polovina facies parietalis, 4 - margo coronalis, 5 - margo solearis, 6 - processus palmaris medialis, 7 - processus palmaris lateralis, 8 - sulcus parietalis medialis, 9 - sulcus parietalis lateralis.



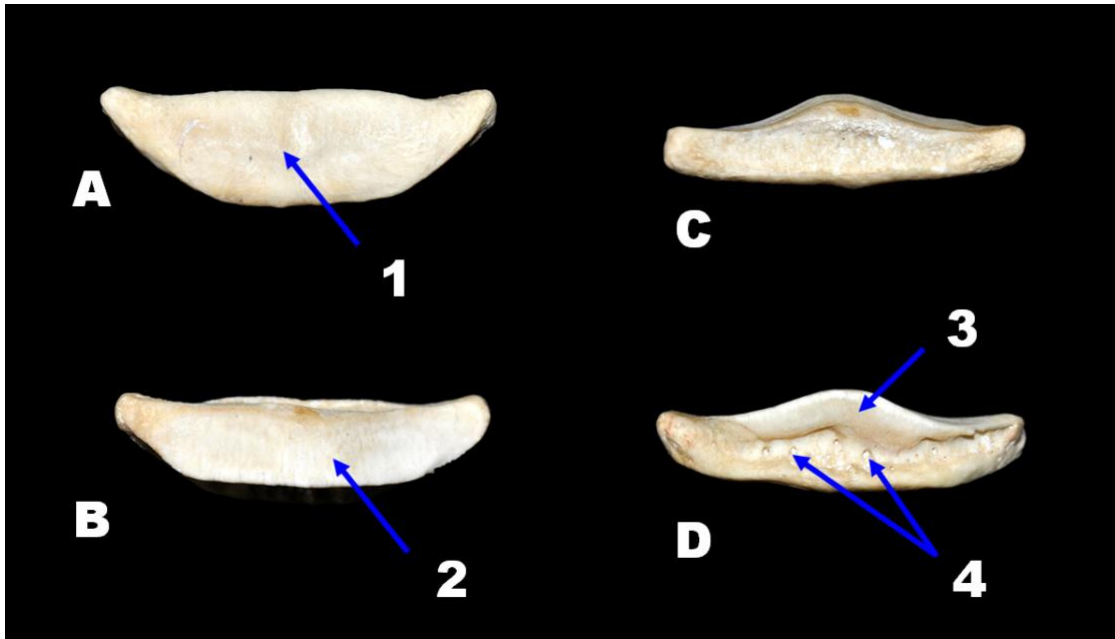
Obr. 122: Phalanx distalis, Equus caballus, aspectus proximalis. 1 - processus extensorius, 2 - facies articularis, 3 - processus palmaris lateralis, 4 - processus palmaris medialis, 5 - margo solearis, 6 - margo coronalis, 7 - sulcus parietalis medialis.



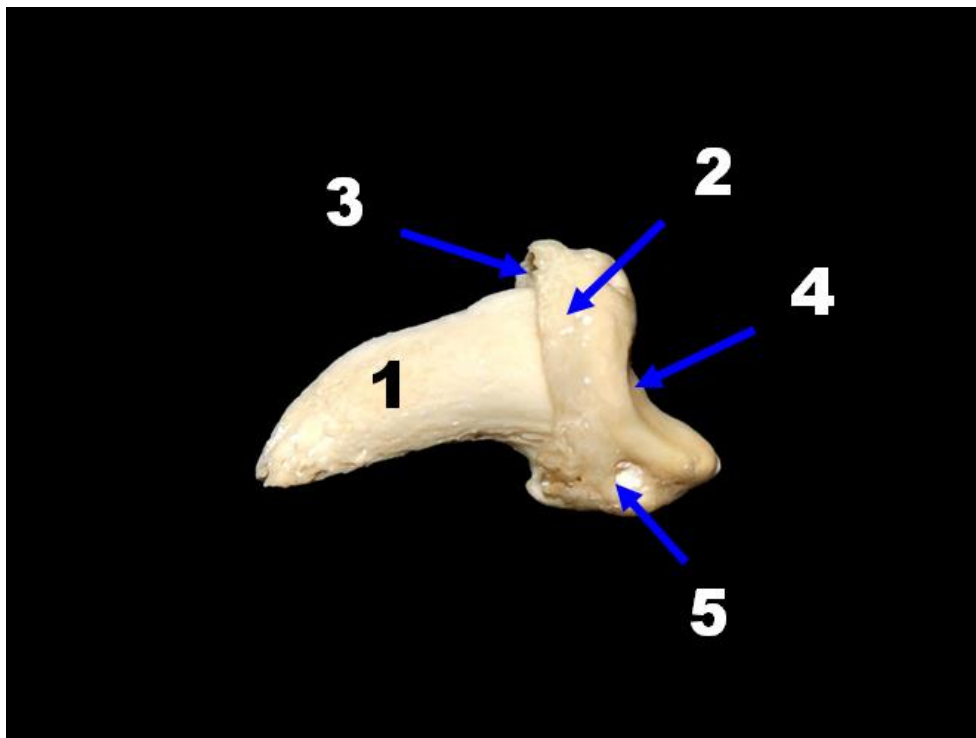
Obr. 123: Phalanx distalis, Equus caballus, aspectus lateralis. 1 - processus extensorius, 2 - facies parietalis, 3 - facies articularis, 4 - margo coronalis, 5 - margo solearis, 6 - processus palmaris medialis, 7 - processus palmaris lateralis (proximální výběžek), 8 - processus palmaris lateralis (distální výběžek), 9 - sulcus parietalis lateralis, 10 - incisura et foramen processus palmaris lateralis.



Obr. 124: Phalanx distalis, Equus caballus, aspectus distalis. 1 - facies solearis s planum cutaneum, 2 - processus palmaris lateralis, 3 - processus palmaris medialis, 4 - margo solearis, 5 - linea semilunaris, 6 - foramen soleare laterale, 7 - foramen soleare mediale, 8 - facies flexoria.



Obr. 125: Os sesamoideum distale (os naviculare), Equus caballus. Aspectus dorsalis (A), aspectus palmaris seu plantaris (B), margo proximalis (C) a margo distalis (D). 1 - facies articularis (pro phalanx media), 2 - facies flexoria, 3 - facies articularis (pro phalanx distalis), 4 - foramina vascularia.



Obr. 126: Phalanx distalis, Canis familiaris, aspectus lateralis. 1 - facies parietalis ossis unguicularis, 2 - crista unguicularis, 3 - sulcus unguicularis, 4 - facies articularis, 5 - tuberculum flexorium.

2.2. SKELETON MEMBRI PELVINI - kostra pánevní končetiny

2.2.1. PELVIS - pánev - obrázky 127 až 131

A) Os coxae - kost pánevní

- Acetabulum
- Margo acetabuli, fossa acetabuli et incisura acetabuli
- Facies lunata (u Ru pars major et minor)
- Spina ischiadica
- Foramen obturatum

B) Os ilium

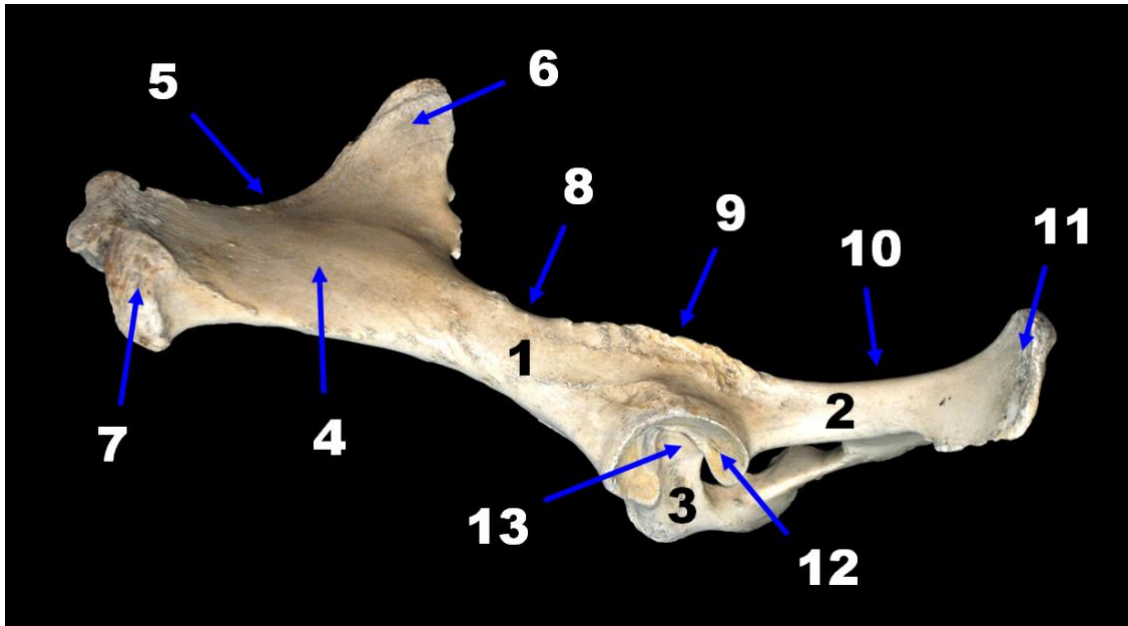
- Corpus et ala ossis ilii
- Crista iliaca et incisura ischiadica major
- Spina iliaca ventralis (tuber coxae)
- Spina iliaca dorsalis (tuber sacrale)
- Facies glutea s lineae gluteae a facies sacropelvina
- Linea arcuata s tuberculum m. psoas minoris

C) Os ischii

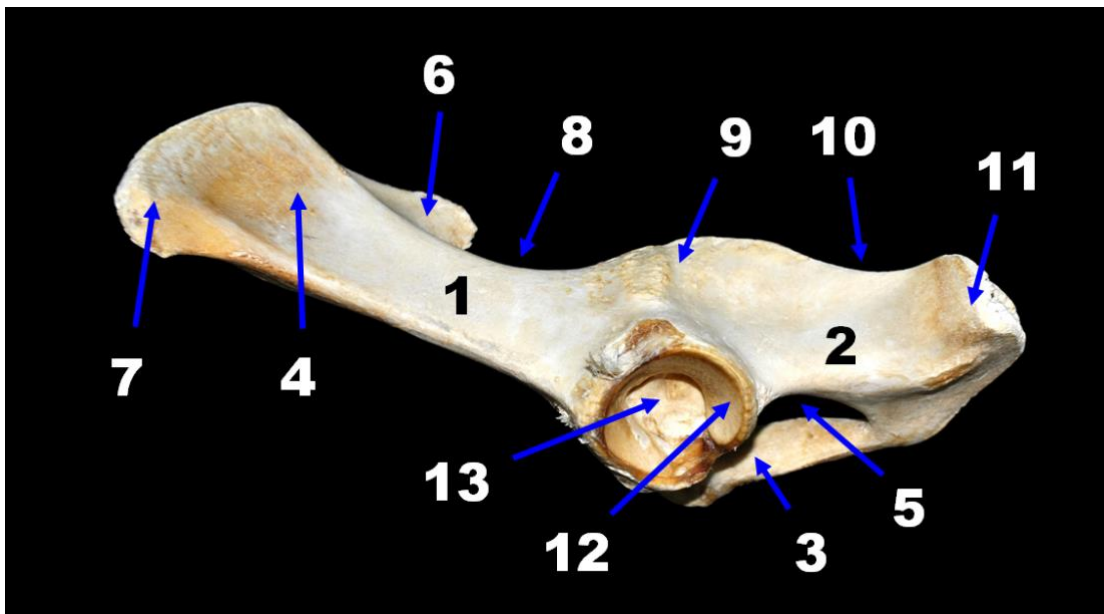
- Corpus et tabula ossis ischii
- Ramus ossis ischii
- Tuber ischiadicum
- Incisura ischiadica minor
- Arcus ischiadicus

D) Os pubis

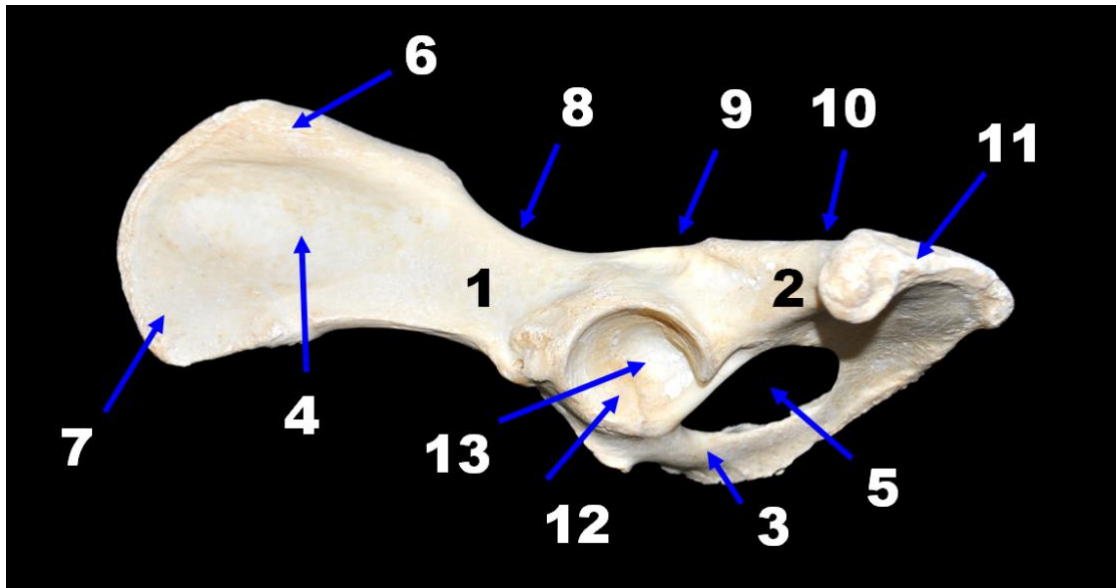
- Corpus ossis pubis
- Ramus cranialis et caudalis ossis pubis
- Pecten ossis pubis et eminentia iliopubica
- Tuberculum pubicum dorsale et ventrale



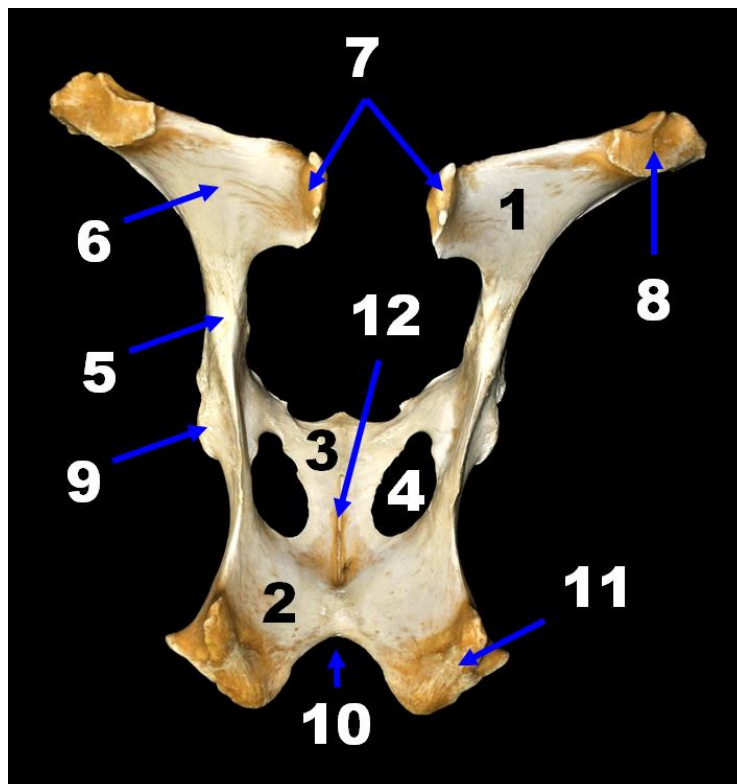
Obr. 127: Os coxae sinistrum, Equus caballus, aspectus lateralis. 1 - corpus ossis ilii, 2 - corpus ossis ischii, 3 - os pubis, 4 - ala ossis ilii, 5 - crista iliaca, 6 - spina iliaca dorsalis, 7 - spina iliaca ventralis, 8 - incisura ischiadica major, 9 - spina ischiadica, 10 - incisura ischiadica minor, 11 - tuber ischiadicum, 12 - facies lunata, 13 - fossa acetabuli.



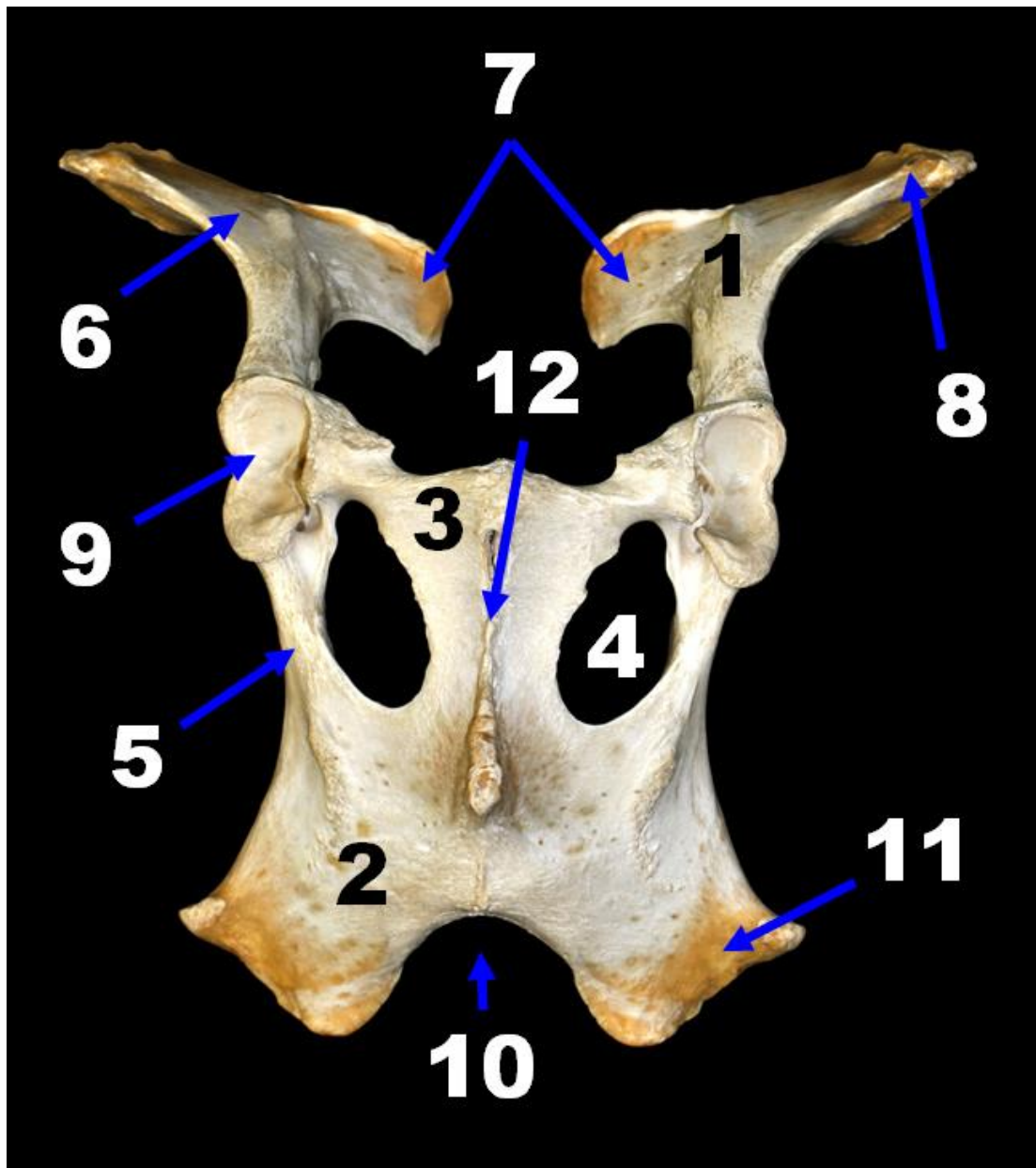
Obr. 128: Os coxae sinistrum, Sus scrofa, aspectus lateralis. 1 - corpus ossis ilii, 2 - corpus ossis ischii, 3 - os pubis, 4 - ala ossis ilii, 5 - foramen obturatum, 6 - spina iliaca dorsalis, 7 - spina iliaca ventralis, 8 - incisura ischiadica major, 9 - spina ischiadica, 10 - incisura ischiadica minor, 11 - tuber ischiadicum, 12 - facies lunata, 13 - fossa acetabuli.



Obr. 129: Os coxae sinistrum, *Canis familiaris*, aspectus lateralis. 1 - corpus ossis ilii, 2 - corpus ossis ischii, 3 - os pubis, 4 - ala ossis ilii, 5 - foramen obturatum, 6 - spina iliaca dorsalis, 7 - spina iliaca ventralis, 8 - incisura ischiadica major, 9 - spina ischiadica, 10 - incisura ischiadica minor, 11 - tuber ischiadicum, 12 - facies lunata, 13 - fossa acetabuli.



Obr. 130: Pelvis, *Bos taurus*, aspectus dorsalis. 1 - os ilium, 2 - os ischii, 3 - os pubis, 4 - foramen obturatum, 5 - corpus ossis ilii, 6 - ala ossis ilii, 7 - spina iliaca dorsalis, 8 - spina iliaca ventralis, 9 - acetabulum, 10 - arcus ischiadicus, 11 - tuber ischiadicum, 12 - symphysis pelvina.



Obr. 131: Pelvis, *Bos taurus*, aspectus ventralis. 1 - os ilium, 2 - os ischii, 3 - os pubis, 4 - foramen obturatum, 5 - corpus ossis ischii, 6 - ala ossis ilii, 7 - spina iliaca dorsalis, 8 - spina iliaca ventralis, 9 - acetabulum, 10 - arcus ischiadicus, 11 - tuber ischiadicum, 12 - symphysis pelvina.

2.2.2. FEMUR - kost stehenní - obrázky 132 až 141

A) proximální konec kosti

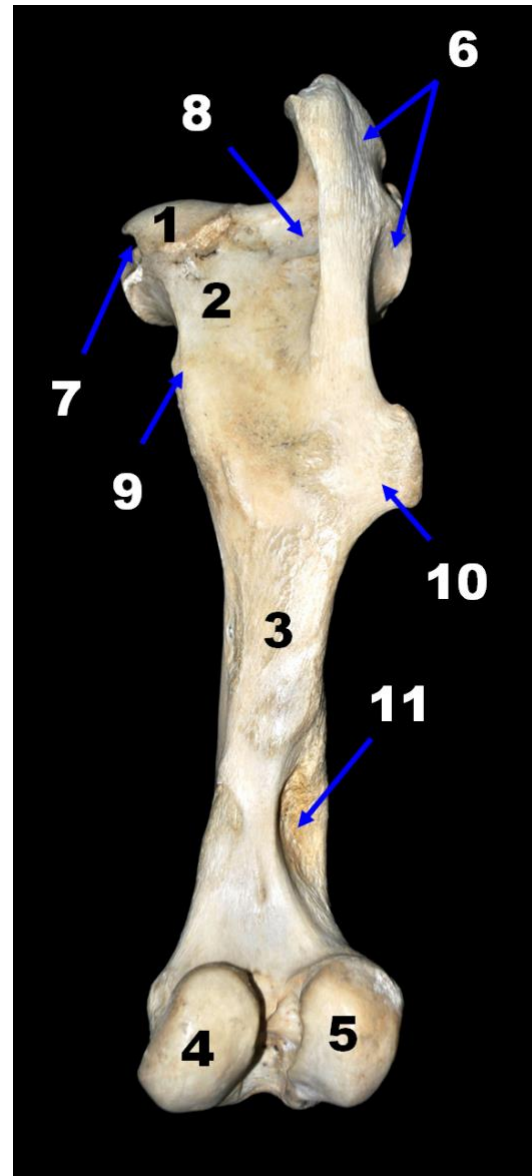
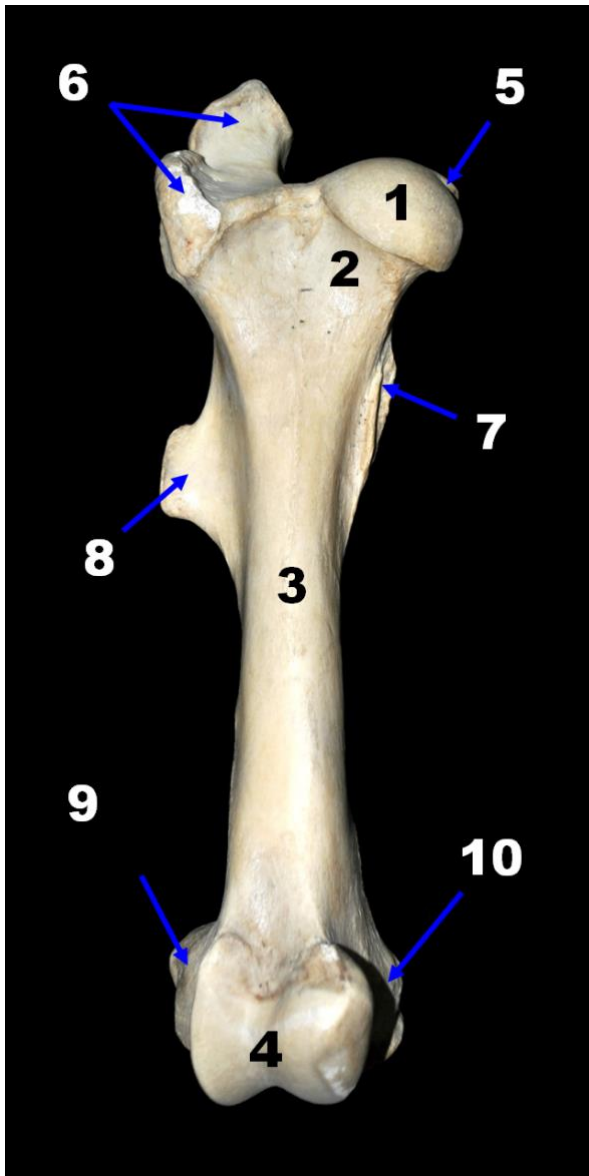
- Caput femoris et fovea capitis femoris
- Collum femoris
- Trochanter major et trochanter minor
- Trochanter tertius (Eq)
- Linea intertrochanterica
- Crista intertrochanterica
- Fossa trochanterica

B) diafýza

- Corpus femoris
- Facies aspera s labium laterale et mediale

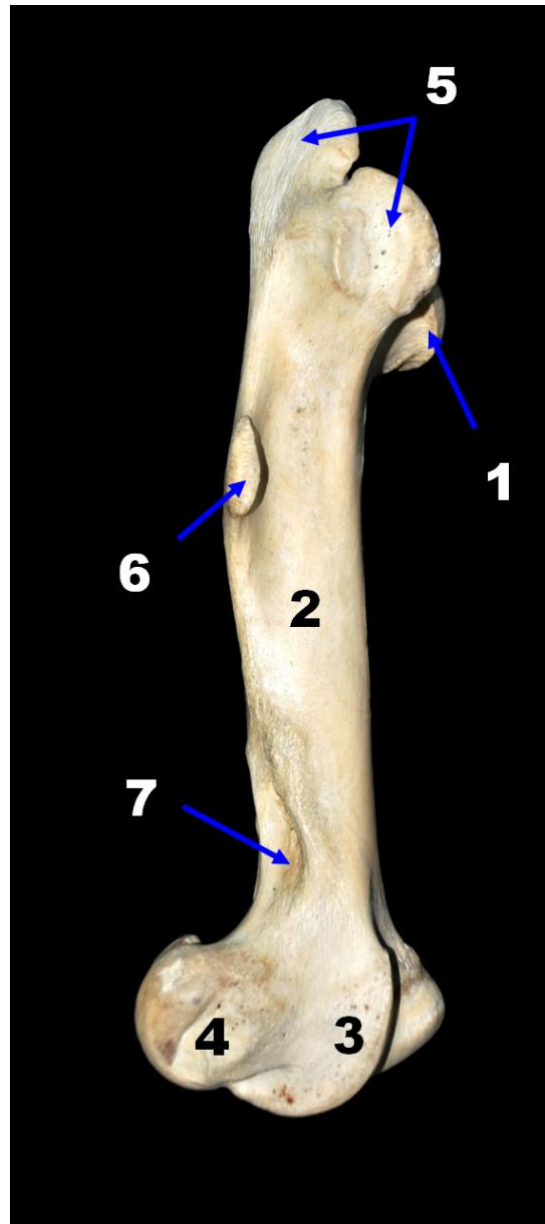
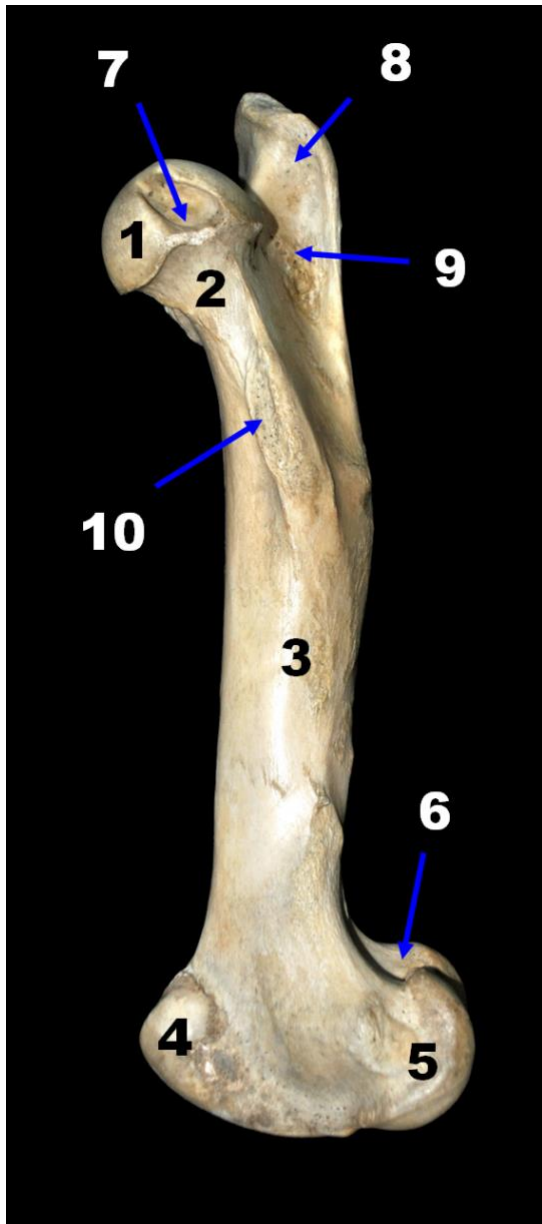
C) distální konec kosti

- Condylus medialis et condylus lateralis
- Facies articularis sesamoidea medialis et lateralis (Ca)
(pro ossa sesamoidea m. gastrocnemii)
- Fossa extensoria et fossa m. poplitei (na laterálním kondylu)
- Epicondylus medialis et epicondylus lateralis
- Tuberositas supracondylaris medialis et lateralis
- Fossa intercondylaris
- Trochlea femoris
- Facies poplitea



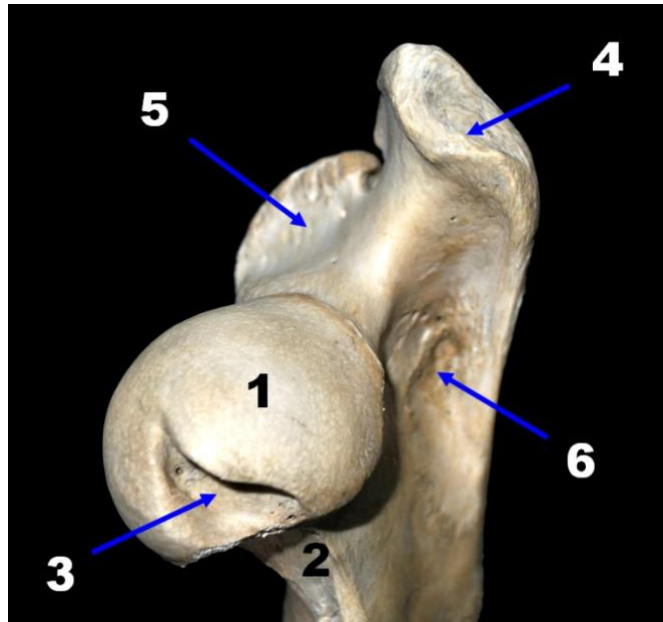
Obr. 132 (vlevo): Femur dexter, Equus caballus, aspectus cranialis. 1 - caput femoris, 2 - collum femoris, 3 - corpus, 4 - trochlea femoris, 5 - fovea capitis femoris, 6 - trochanter major, 7 - trochanter minor, 8 - trochanter tertius, 9 - condylus et epicondylus lateralis, 10 - condylus et epicondylus medialis.

Obr. 133 (vpravo): Femur dexter, Equus caballus, aspectus caudalis. 1 - caput femoris, 2 - collum femoris, 3 - corpus, 4 - condylus medialis, 5 - condylus lateralis, 6 - trochanter major, 7 - fovea capitis femoris, 8 - fossa trochanterica, 9 - trochanter minor, 10 - trochanter tertius, 11 - fossa supracondylaris.

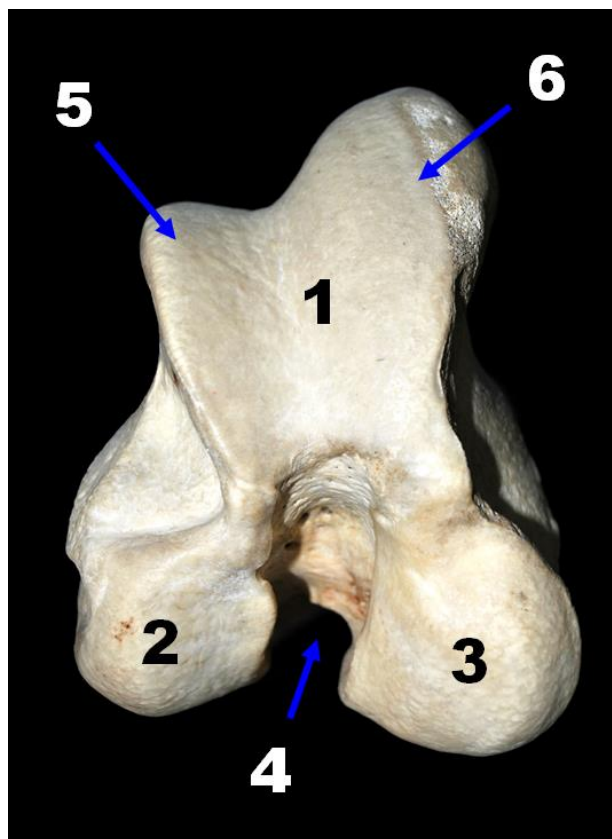


Obr. 134 (vlevo): Femur dexter, Equus caballus, aspectus medialis. 1 - caput femoris, 2 - collum femoris, 3 - corpus femoris, 4 - trochlea femoris, 5 - condylus medialis, 6 - condylus lateralis, 7 - fovea capitis femoris, 8 - trochanter major, 9 - fossa trochanterica, 10 - trochanter minor.

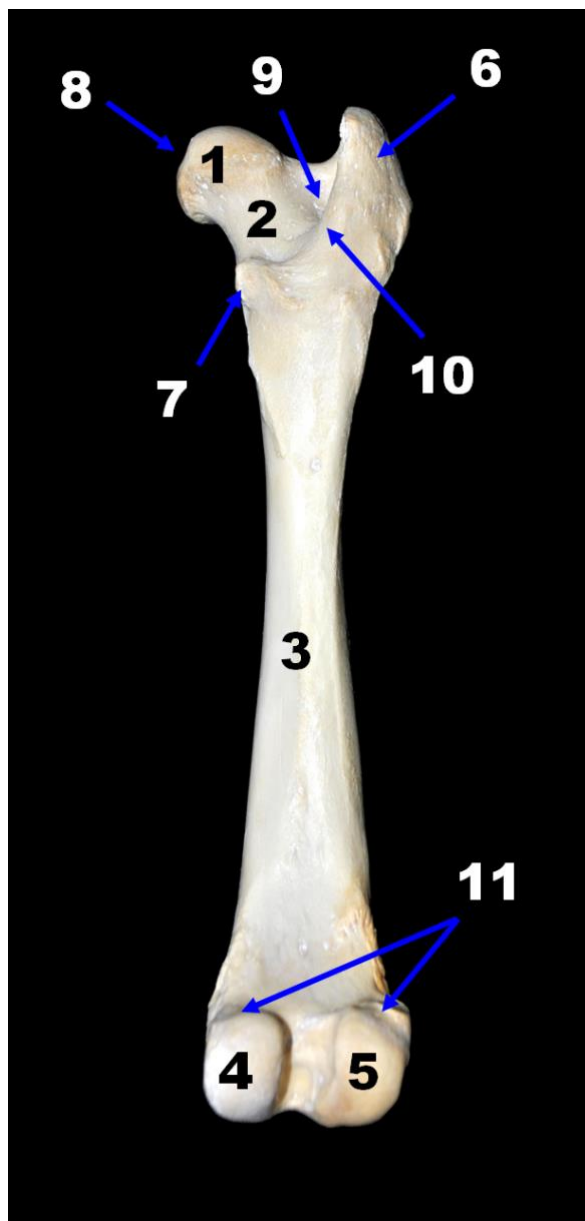
Obr. 135 (vpravo): Femur dexter, Equus caballus, aspectus lateralis. 1 - caput femoris, 2 - corpus femoris, 3 - trochlea femoris, 4 - condylus lateralis, 5 - trochanter major, 6 - trochanter tertius, 7 - fossa supracondylaris.



Obr. 136: Femur dexter (proximální konec), *Equus caballus*, aspectus mediocaudalis. 1 - caput femoris, 2 - collum femoris, 3 - fovea capitis femoris, 4 - trochanter major pars caudalis, 5 - trochanter major pars cranialis, 6 - fossa trochanterica.

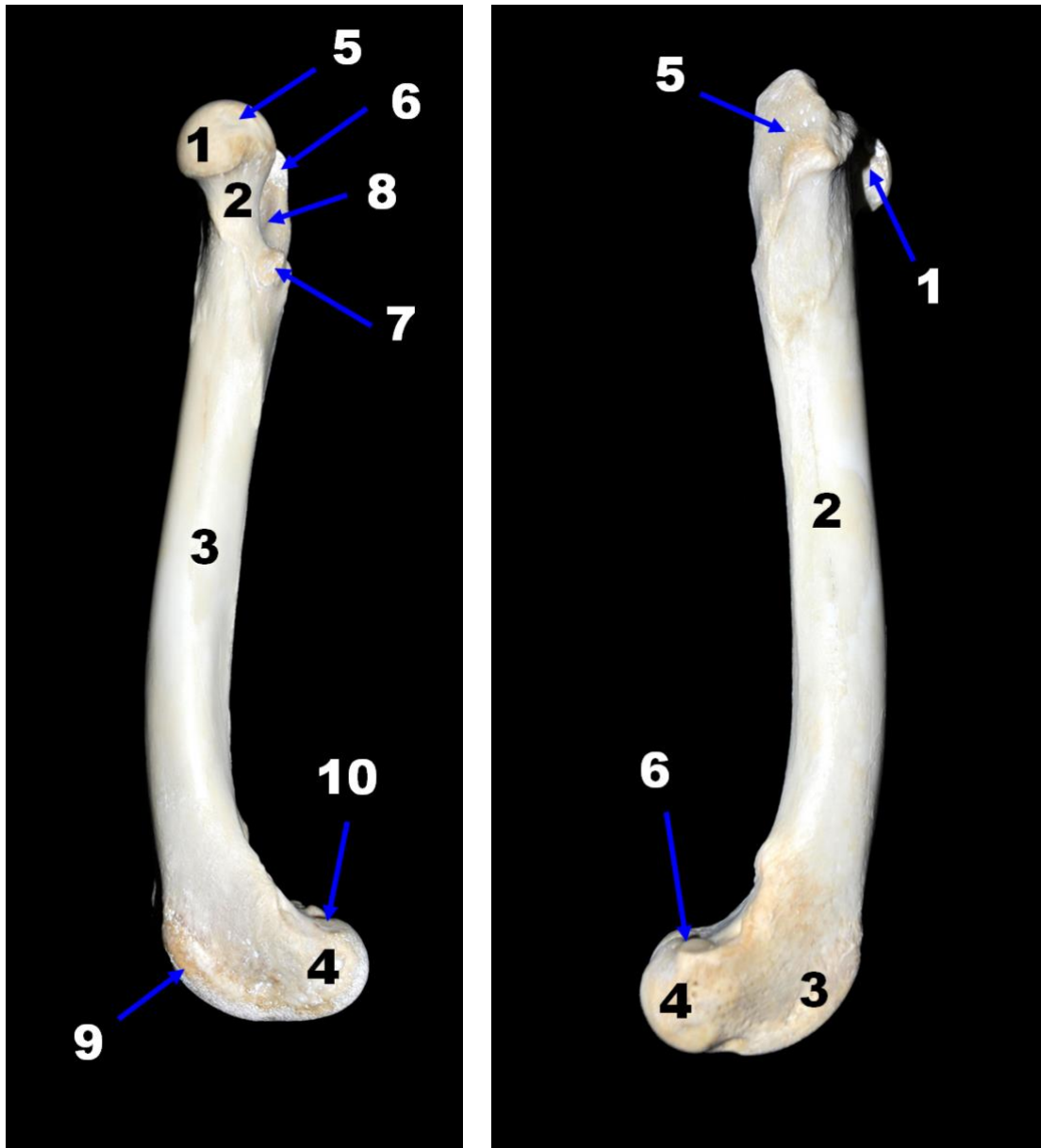


Obr. 137: Femur dexter (distální konec), *Equus caballus*, aspectus distalis. 1 - trochlea femoris se svým menším laterálním (5) a větším mediálním hřebenem (6), 2 - condylus lateralis, 3 - condylus medialis, 4 - fossa intercondylaris.



Obr. 138 (vlevo): Femur dexter, *Canis familiaris*, aspectus cranialis. 1 - caput femoris, 2 - collum femoris, 3 - corpus femoris, 4 - trochlea femoris, 5 - fovea capitis femoris, 6 - trochanter major, 7 - trochanter minor, 8 - condylus et epicondylus lateralis, 9 - condylus et epicondylus medialis.

Obr. 139 (vpravo): Femur dexter, *Canis familiaris*, aspectus caudalis. 1 - caput femoris, 2 - collum femoris, 3 - corpus femoris, 4 - condylus medialis, 5 - condylus lateralis, 6 - trochanter major, 7 - trochanter minor, 8 - fovea capitis femoris, 9 - fossa trochanterica, 10 - crista intertrochanterica, 11 - facies articularis sesamoidea medialis et lateralis pro ossa sesamoidea m. gastrocnemii.



Obr. 140 (vlevo): Femur dexter, Canis familiaris, aspectus medialis. 1 - caput femoris, 2 - collum femoris, 3 - corpus femoris, 4 - condylus et epicondylus medialis, 5 - fovea capitis femoris, 6 - trochanter major, 7 - trochanter minor, 8 - fossa trochanterica, 9 - trochlea femoris, 10 - facies articularis sesamoidea medialis.

Obr. 141 (vpravo): Femur dexter, Canis familiaris, aspectus lateralis. 1 - caput femoris, 2 - corpus femoris, 3 - trochlea femoris, 4 - condylus et epicondylus lateralis, 5 - trochanter major, 6 - facies articularis sesamoidea lateralis.

2.2.3. TIBIA - kost holenní - obrázky 142 až 151

A) proximální konec kosti

- Condylus medialis et condylus lateralis
- Eminentia intercondylaris
- Tuberculum intercondylare mediale et laterale
- Area intercondylaris cranialis, centralis et caudalis
- Incisura poplitea
- Sulcus extensorius

B) diafýza

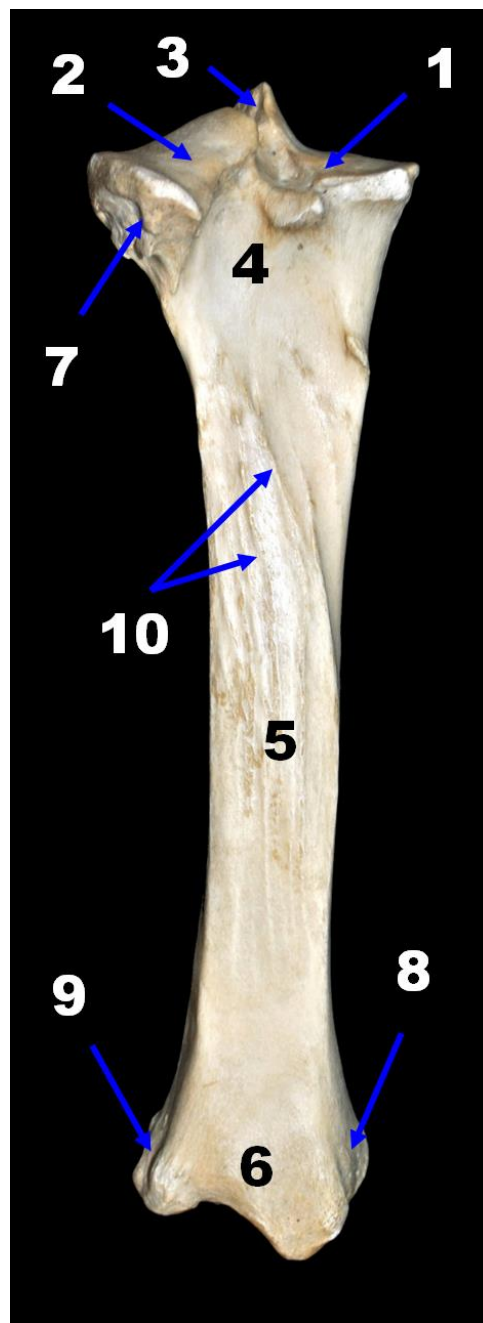
- Corpus tibiae
- Tuberositas tibiae
- Sulcus tuberositatis tibiae (Eq)
- Facies medialis, lateralis et caudalis
- Margo cranialis, medialis et lateralis

C) distální konec kosti

- Cochlea tibiae
- Malleolus medialis se sulcus malleolaris
- Malleolus lateralis (Eq)
- Incisura fibularis

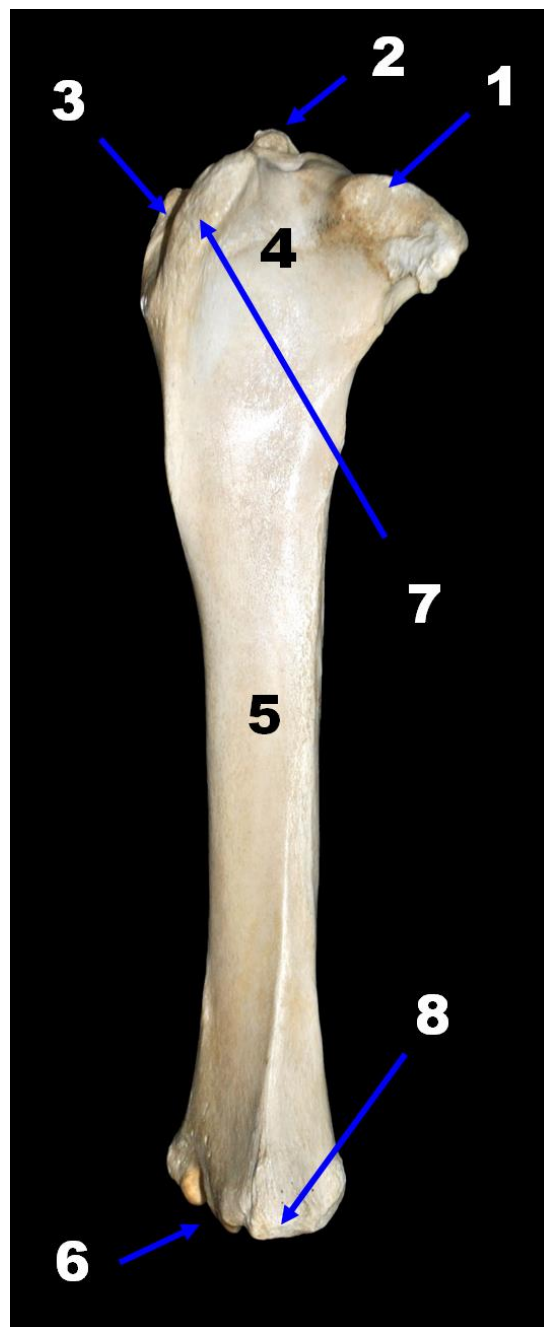
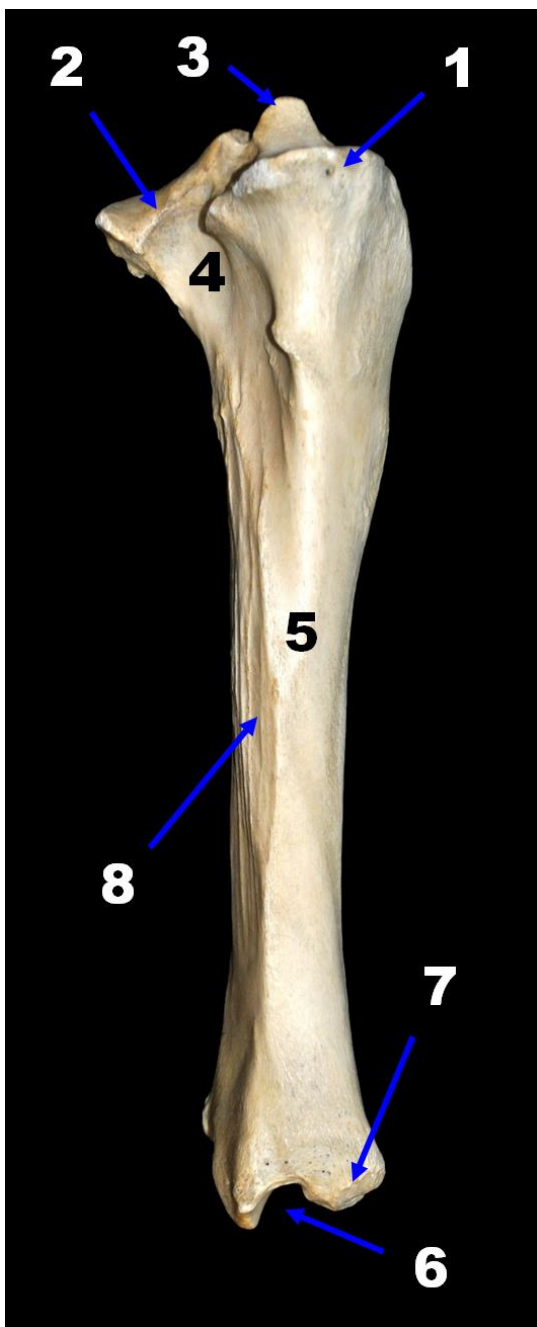
2.2.4. FIBULA - kost lýtková - obrázky 152 až 157

- Caput, collum et corpus fibulae
- Malleolus lateralis (Car, Su)
- Os malleolare (Ru)



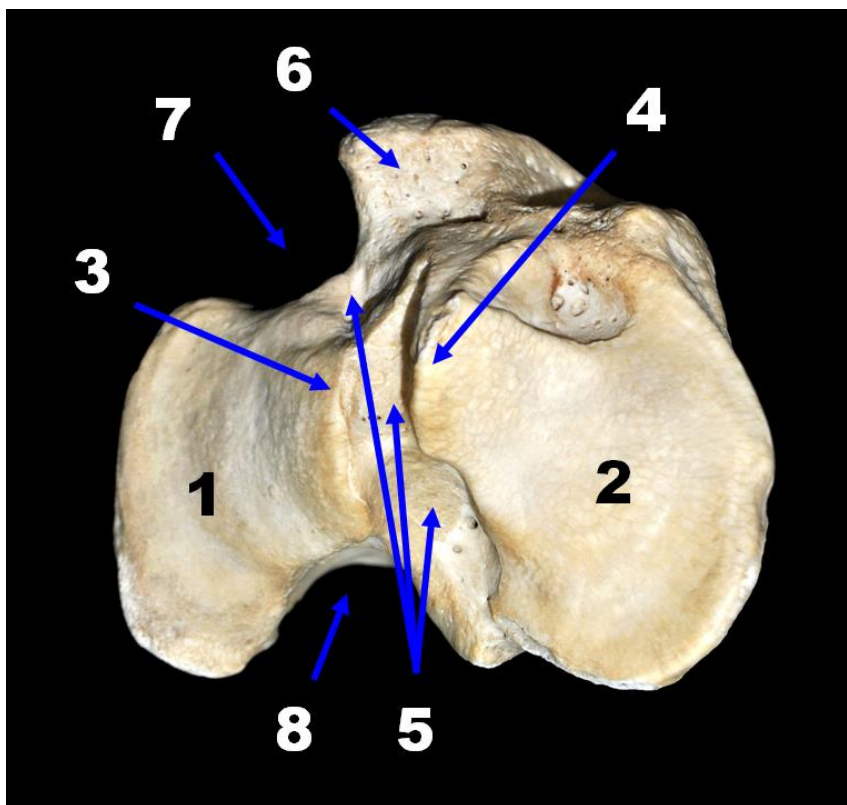
Obr. 142 (vlevo): Tibia sinistra, Equus caballus, aspectus cranialis. 1 - condylus medialis, 2 - condylus lateralis, 3 - eminentia intercondylaris, 4 - sulcus extensorius, 5 - corpus tibiae, 6 - cochlea tibiae, 7 - tuberositas tibiae, 8 - sulcus tuberositatis tibiae, 9 - malleolus medialis, 10 - malleolus lateralis.

Obr. 143 (vpravo): Tibia sinistra, Equus caballus, aspectus caudalis. 1 - condylus medialis, 2 - condylus lateralis, 3 - eminentia intercondylaris, 4 - incisura poplitea, 5 - corpus tibiae, 6 - cochlea tibiae, 7 - facies articularis fibularis, 8 - malleolus medialis, 9 - malleolus lateralis, 10 - lineae musculares.



Obr. 144 (vlevo): Tibia sinistra, Equus caballus, aspectus medialis. 1 - condylus medialis, 2 - condylus lateralis, 3 - eminentia intercondylaris, 4 - incisura poplitea, 5 - corpus tibiae, 6 - cochlea tibiae, 7 - malleolus medialis, 8 - lineae musculares.

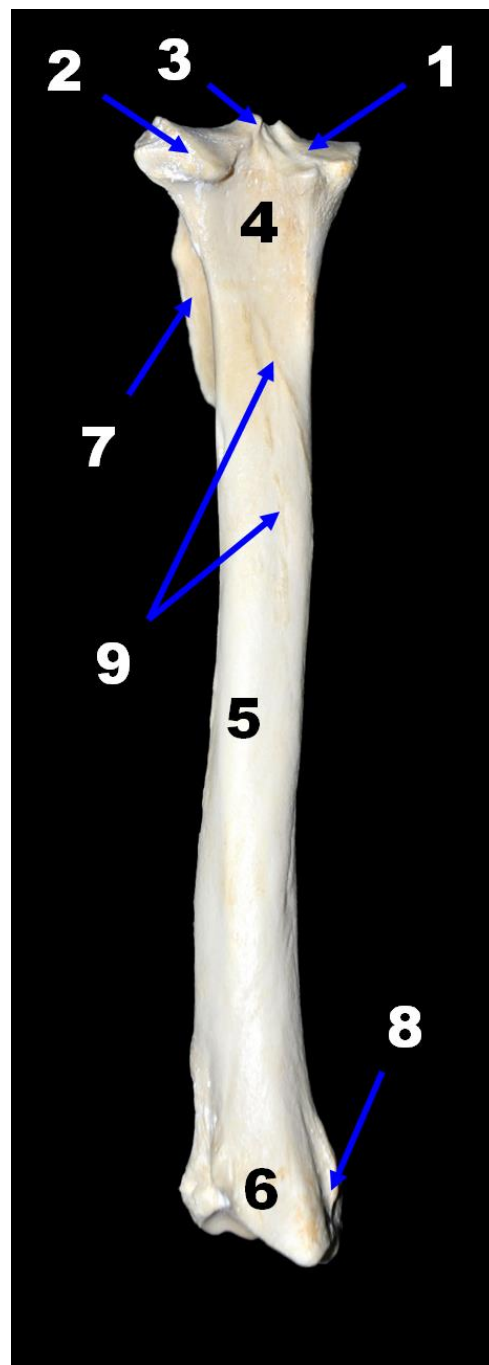
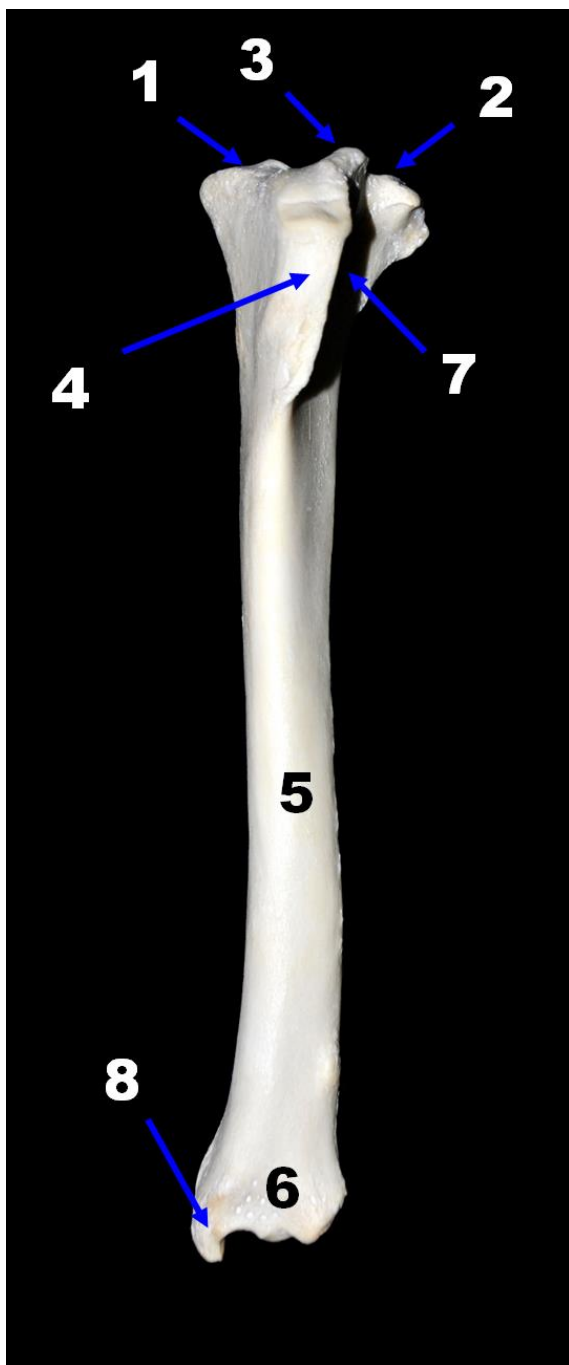
Obr. 145 (vpravo): Tibia sinistra, Equus caballus, aspectus lateralis. 1 - condylus lateralis, 2 - eminentia intercondylaris, 3 - sulcus tuberositatis tibiae, 4 - sulcus extensorius, 5 - corpus tibiae, 6 - cochlea tibiae, 7 - tuberositas tibiae, 8 - malleolus lateralis.



Obr. 146: Tibia sinistra, Equus caballus, aspectus proximalis. 1 - condylus lateralis, 2 - condylus medialis, 3 - tuberculum intercondylare laterale, 4 - tuberculum intercondylare mediale, 5 - area intercondylaris cranialis, centralis et caudalis, 6 - tuberositas tibiae, 7 - sulcus extensorius, 8 - incisura poplitea.

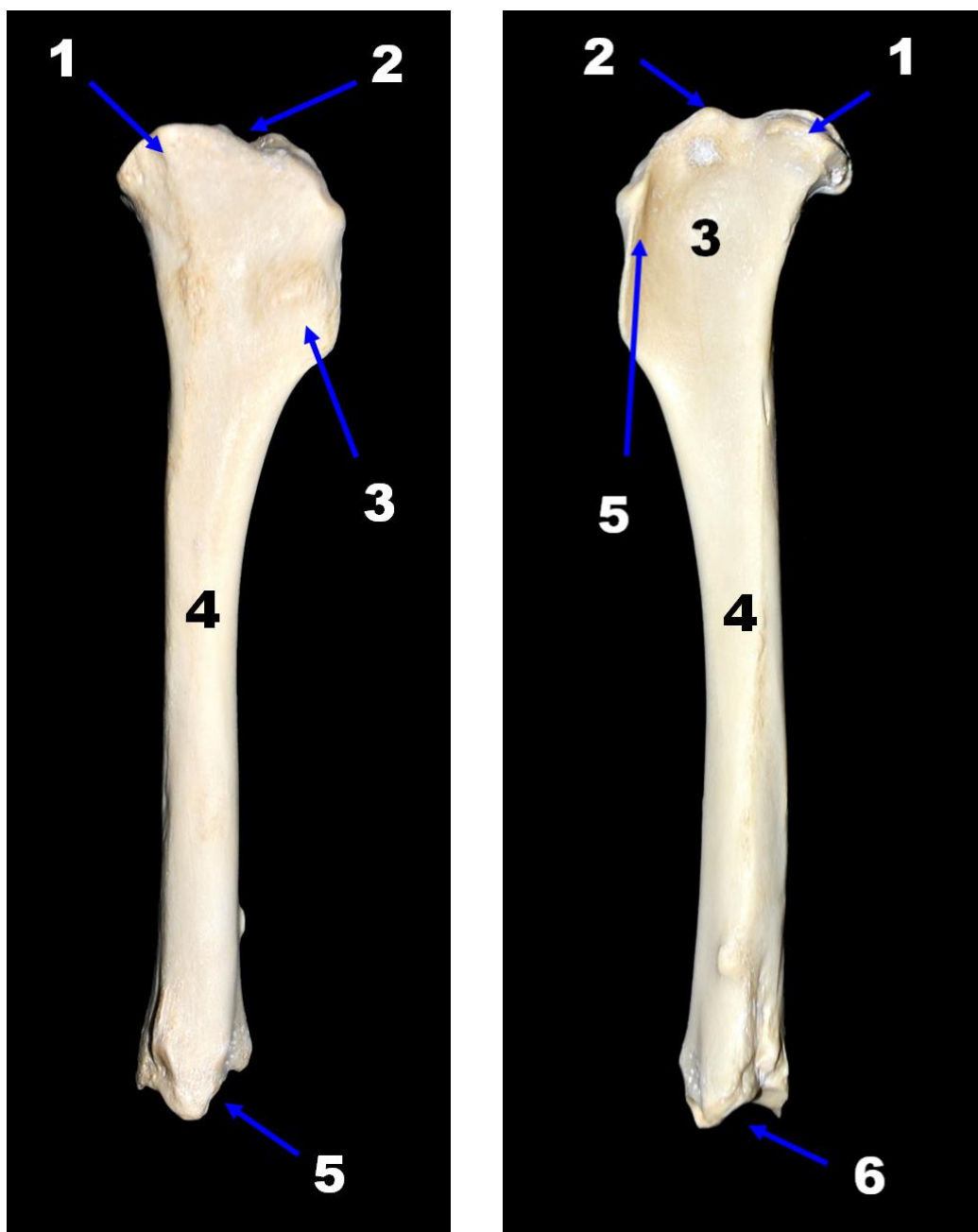


Obr. 147: Tibia sinistra, Equus caballus, aspectus distalis. 1 - cochlea tibiae, 2 - malleolus lateralis, 3 - malleolus medialis.



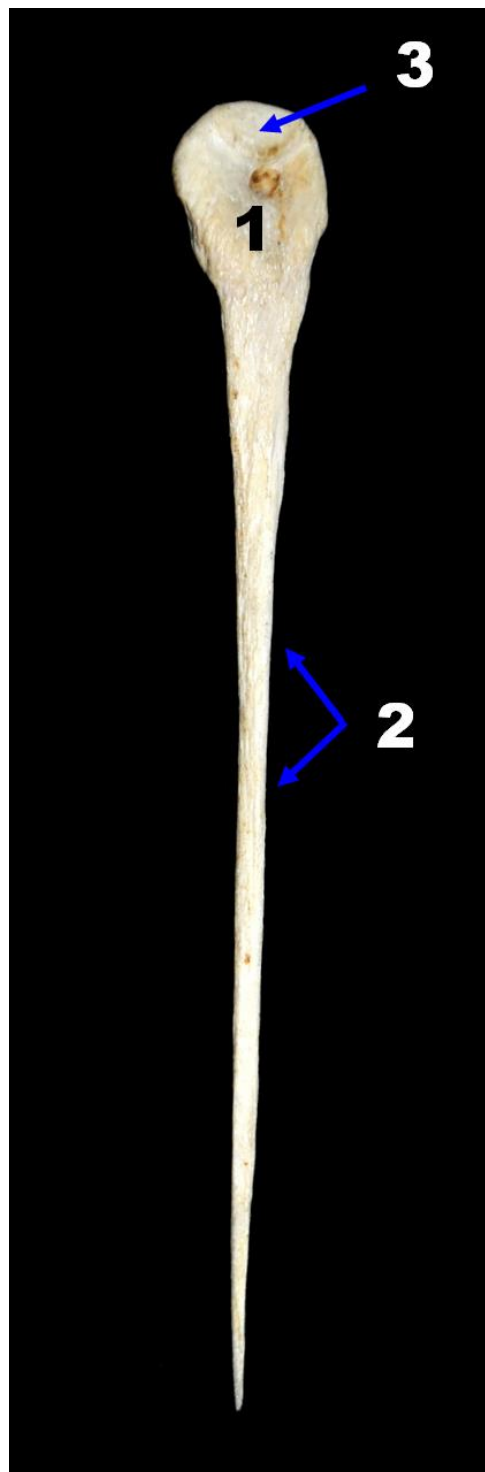
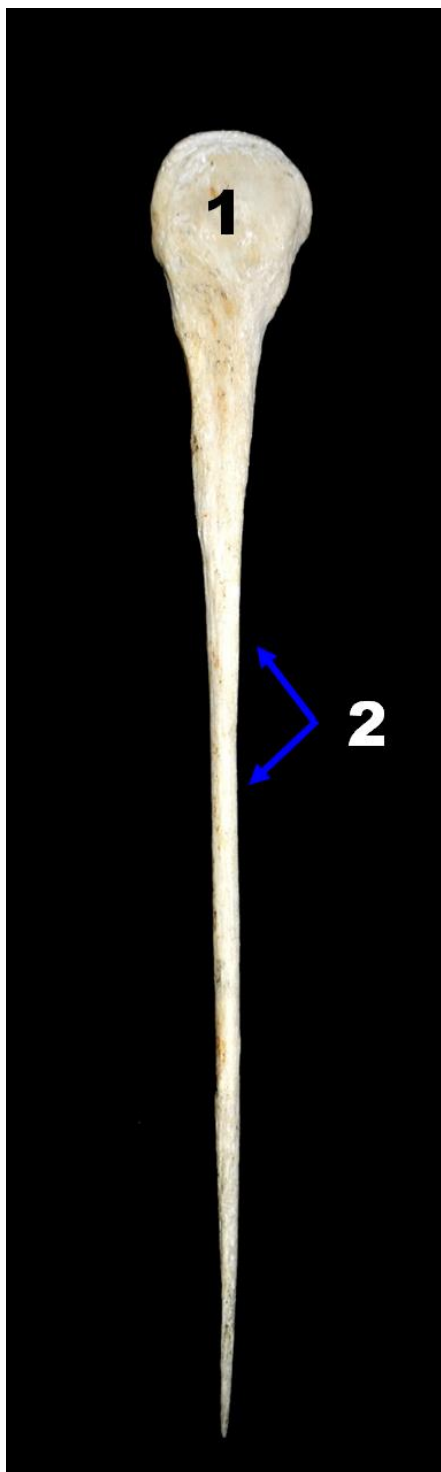
Obr. 148 (vlevo): Tibia sinistra, Canis familiaris, aspectus cranialis. 1 - condylus medialis, 2 - condylus lateralis, 3 - eminentia intercondylaris, 4 - tuberositas tibiae, 5 - corpus tibiae, 6 - cochlea tibiae, 7 - sulcus extensorius, 8 - malleolus medialis.

Obr. 149 (vpravo): Tibia sinistra, Canis familiaris, aspectus caudalis. 1 - condylus medialis, 2 - condylus lateralis, 3 - eminentia intercondylaris, 4 - incisura poplitea, 5 - corpus tibiae, 6 - cochlea tibiae, 7 - tuberositas tibiae, 8 - malleolus medialis, 9 - lineae musculares.



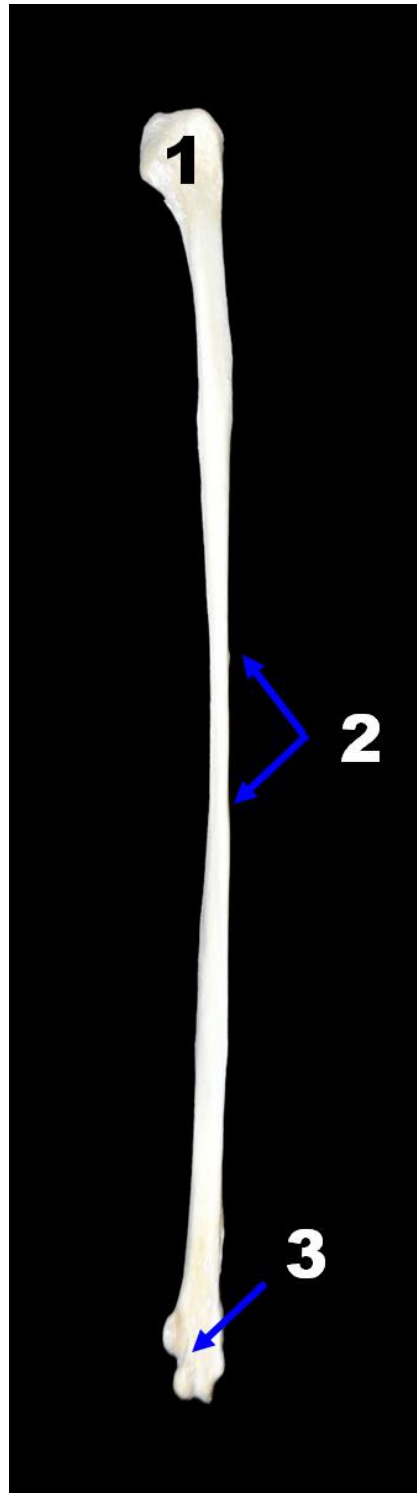
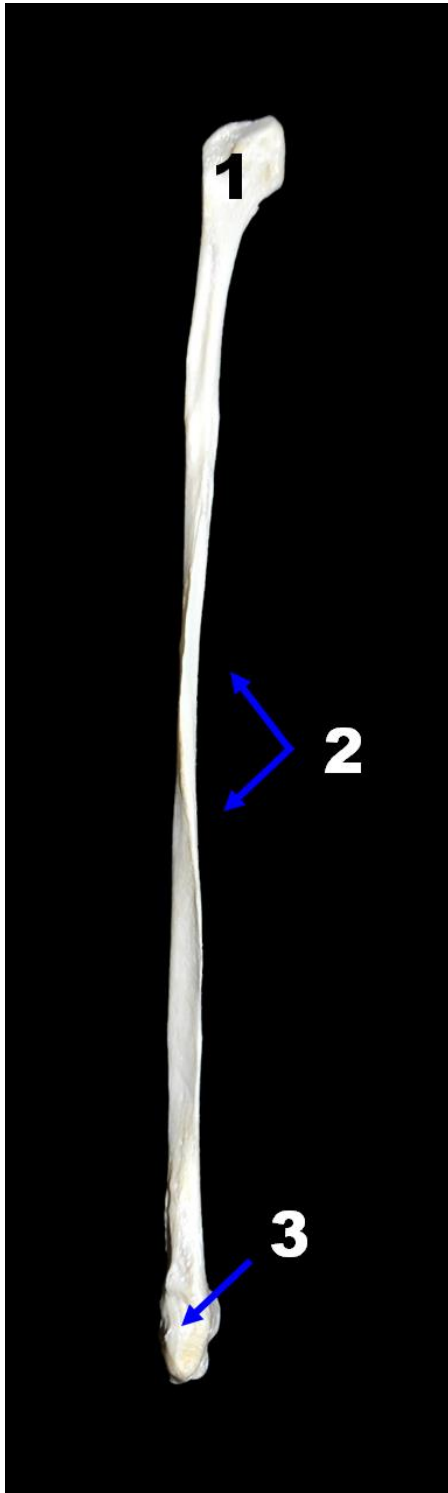
Obr. 150 (vlevo): Tibia sinistra, Canis familiaris, aspectus medialis. 1 - condylus medialis, 2 - eminentia intercondylaris, 3 - tuberositas tibiae, 4 - corpus tibiae, 5 - cochlea tibiae.

Obr. 151 (vpravo): Tibia sinistra, Canis familiaris, aspectus lateralis. 1 - condylus lateralis, 2 - eminentia intercondylaris, 3 - sulcus extensorius, 4 - corpus tibiae, 5 - tuberositas tibiae, 6 - cochlea tibiae.



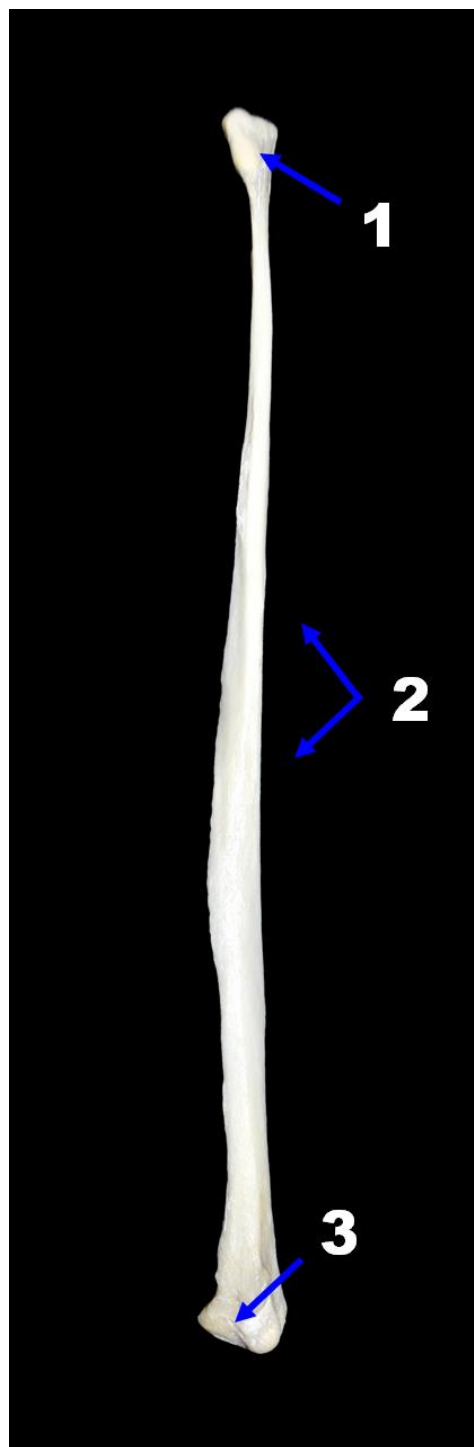
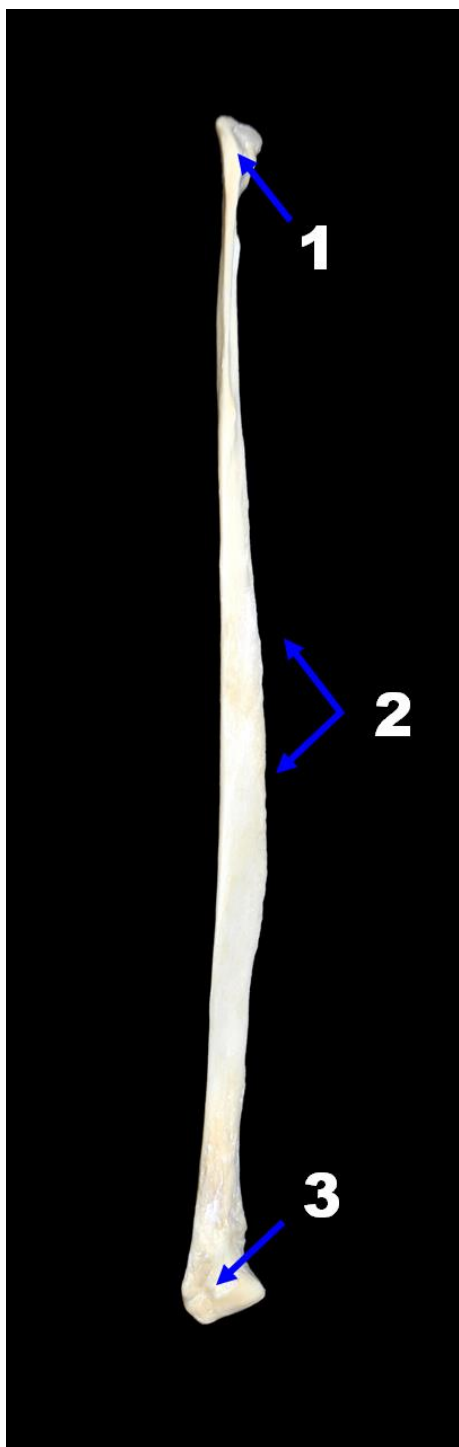
Obr. 152 (vlevo): Fibula sinistra, Equus caballus, aspectus lateralis. 1 - caput fibulae, 2 - corpus fibulae.

Obr. 153 (vpravo): Fibula sinistra, Equus caballus, aspectus medialis. 1 - caput fibulae, 2 - corpus fibulae, 3 - facies articularis capitis fibulae.



Obr. 154 (vlevo): Fibula sinistra, Canis familiaris, aspectus cranialis. 1 - caput fibulae, 2 - corpus fibulae, 3 - malleolus lateralis.

Obr. 155 (vpravo): Fibula sinistra, Canis familiaris, aspectus caudalis. 1 - caput fibulae, 2 - corpus fibulae, 3 - malleolus lateralis.



Obr. 156 (vlevo): Fibula sinistra, Canis familiaris, aspectus lateralis. 1 - caput fibulae, 2 - corpus fibulae, 3 - malleolus lateralis.

Obr. 157 (vpravo): Fibula sinistra, Canis familiaris, aspectus medialis. 1 - caput fibulae, 2 - corpus fibulae, 3 - malleolus lateralis.

2.2.5. OSSA TARSI - kosti hlezna - obrázky 158 až 170

A) proximální řada tarzu

- Talus s trochlea tali proximalis et distalis
- Calcaneus s tuber calcanei a sustentaculum tali

B) střední řada tarzu

- Os tarsi centrale
- Os tarsale IV (proximální polovina)
- Os centroquartale (Ru)

C) distální řada tarzu

- Os tarsale I + os tarsale I et II (Eq)
- Os tarsale II, os tarsale III
- Os tarsale II et III (Ru)
- Os tarsale IV (distální polovina)

2.2.6. OSSA METATARSALIA - kosti nártu - obrázky 171 a 172

A) proximální konec kosti

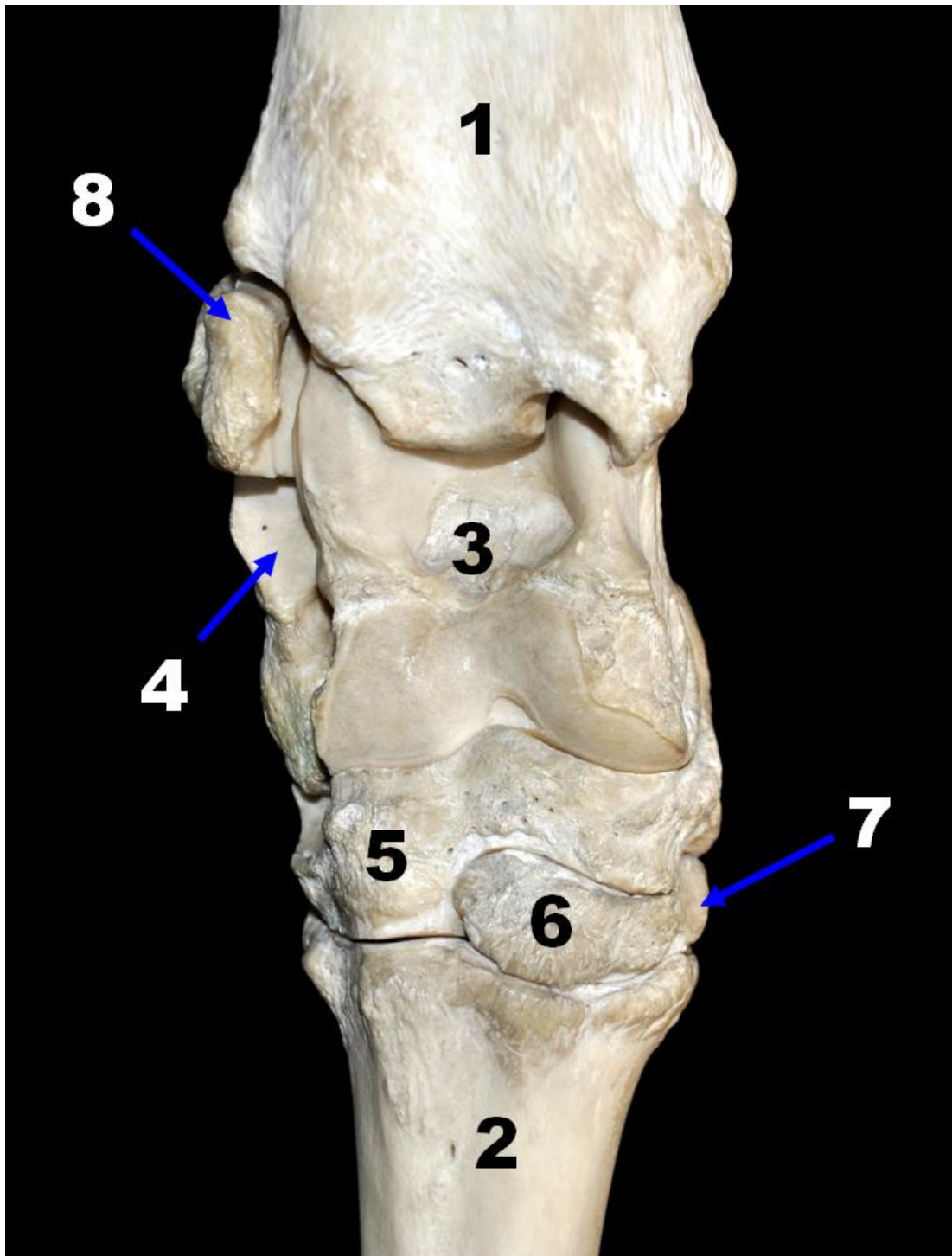
- Basis et facies articularis tarsea

B) diafýza

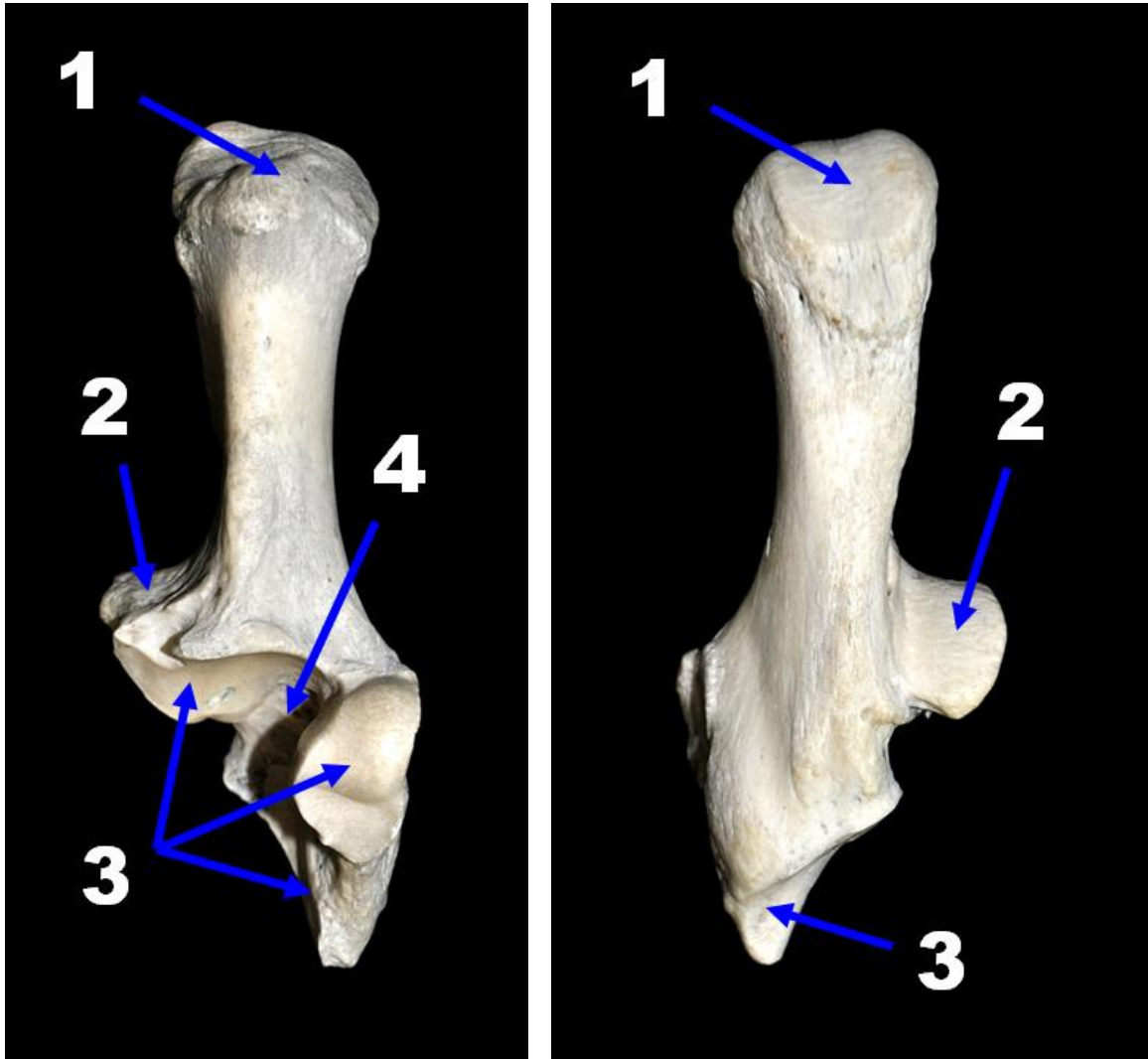
- Corpus s tuberositas metatarsi
- Sulcus longitudinalis dorsalis et plantaris (Ru)
- Canalis metatarsi proximalis et distalis (Ru)

C) distální konec kosti

- Trochlea

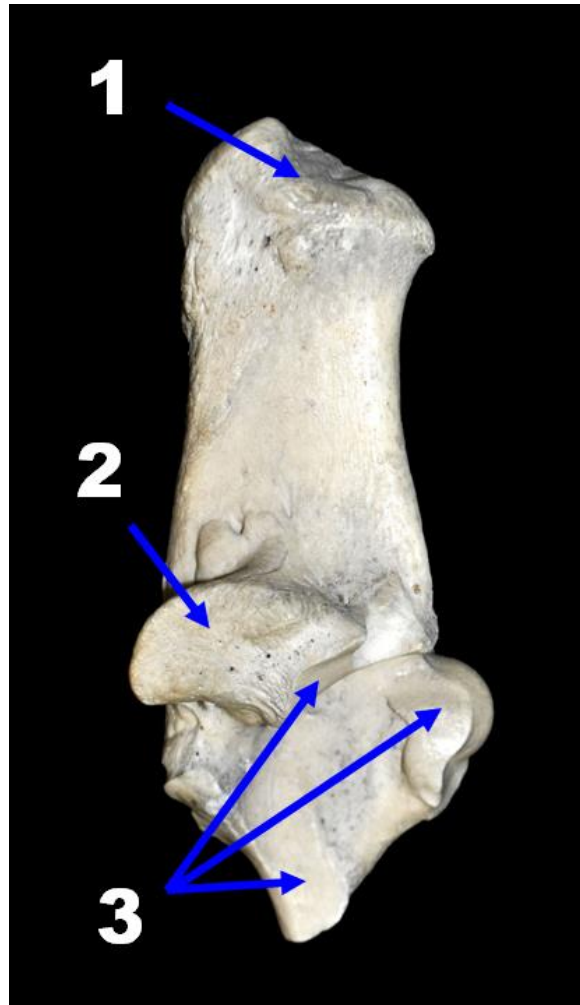
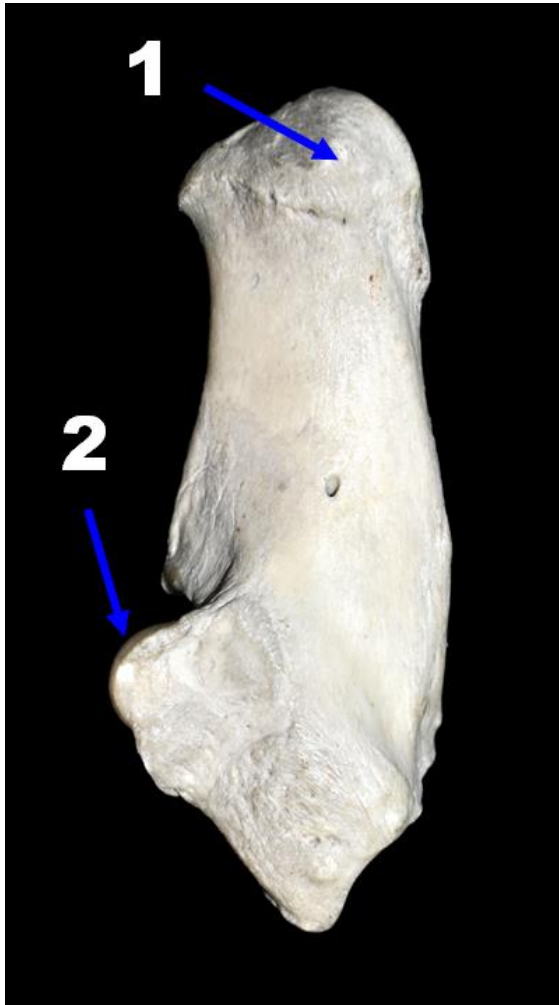


Obr. 158: Tarsus pravé pánevní končetiny, *Bos taurus*, aspectus dorsalis. 1 - tibia, 2 - os metatarsale III et IV, 3 - talus, 4 - calcaneus, 5 - os centroquartale, 6 - os tarsale II et III, 7 - os tarsale I, 8 - os malleolare.



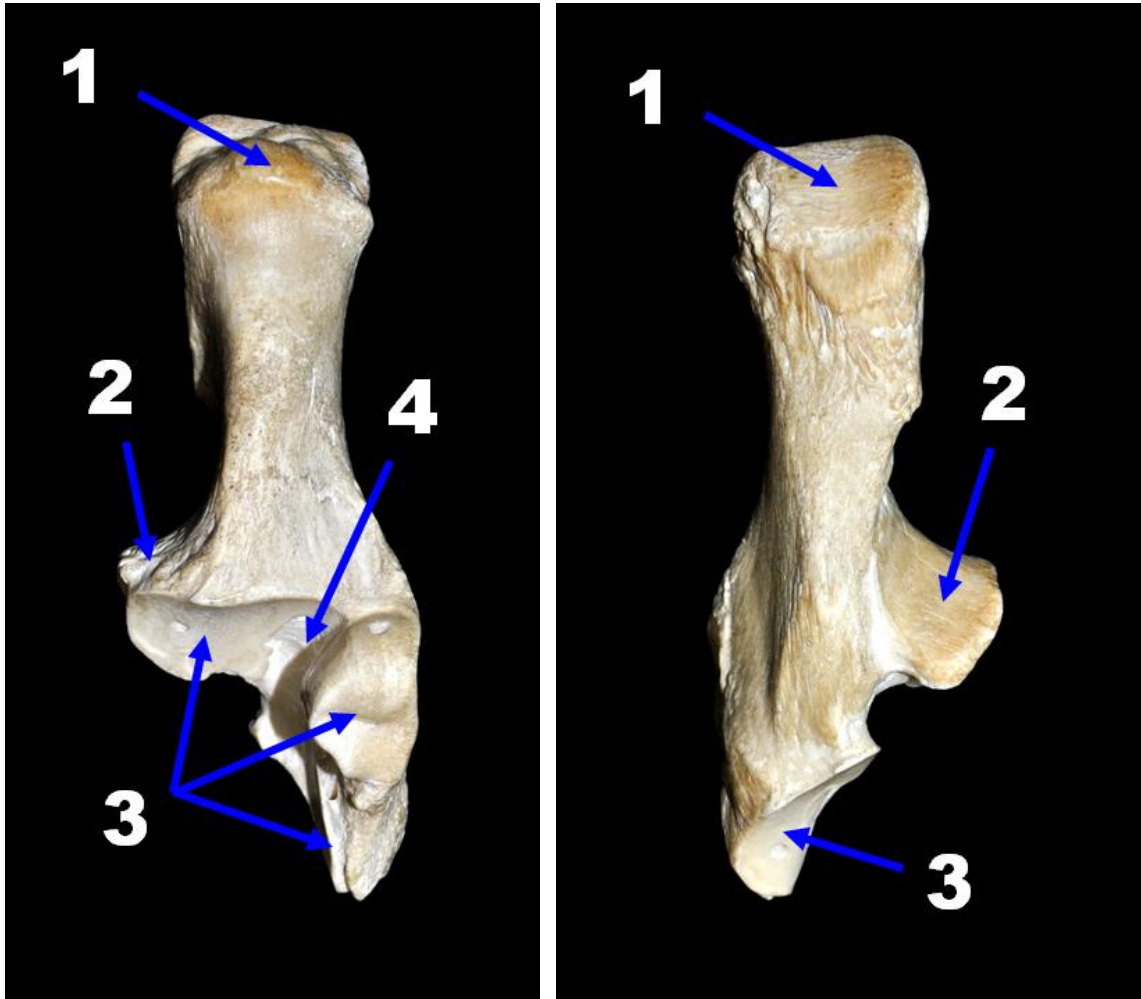
Obr. 159 (vlevo): Calcaneus sinister, Equus caballus, aspectus dorsalis. 1 - tuber calcanei, 2 - sustentaculum tali, 3 - facies articulares talaris, 4 - sulcus calcanei.

Obr. 160 (vpravo): Calcaneus sinister, Equus caballus, aspectus plantaris. 1 - tuber calcanei, 2 - sustentaculum tali, 3 - facies articularis talaris.



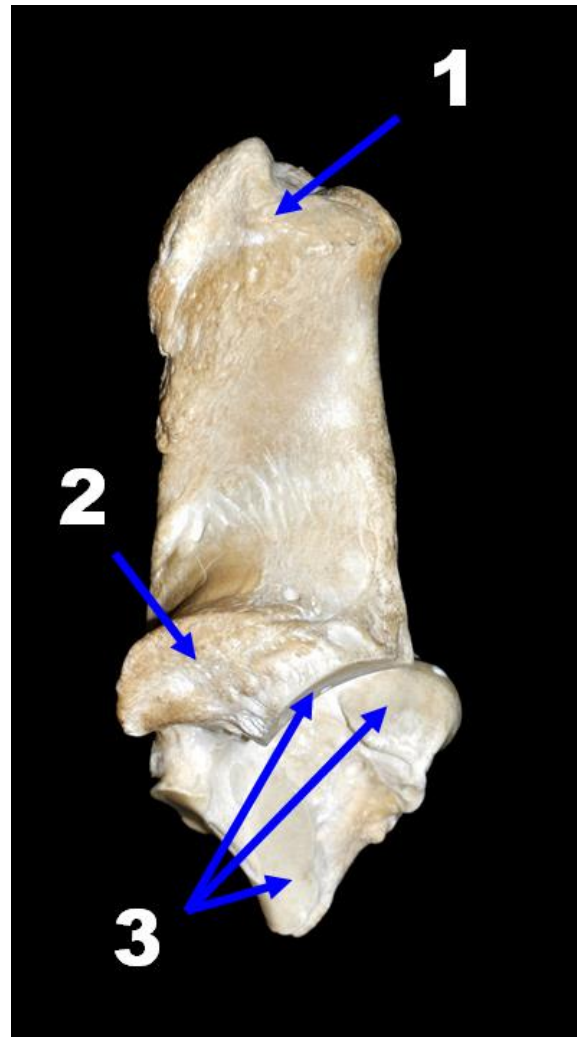
Obr. 161 (vlevo): Calcaneus sinister, Equus caballus, aspectus lateralis. 1 - tuber calcanei, 2 - facies articularis talaris.

Obr. 162 (vpravo): Calcaneus sinister, Equus caballus, aspectus medialis. 1 - tuber calcanei, 2 - sustentaculum tali, 3 - facies articulares talaris.



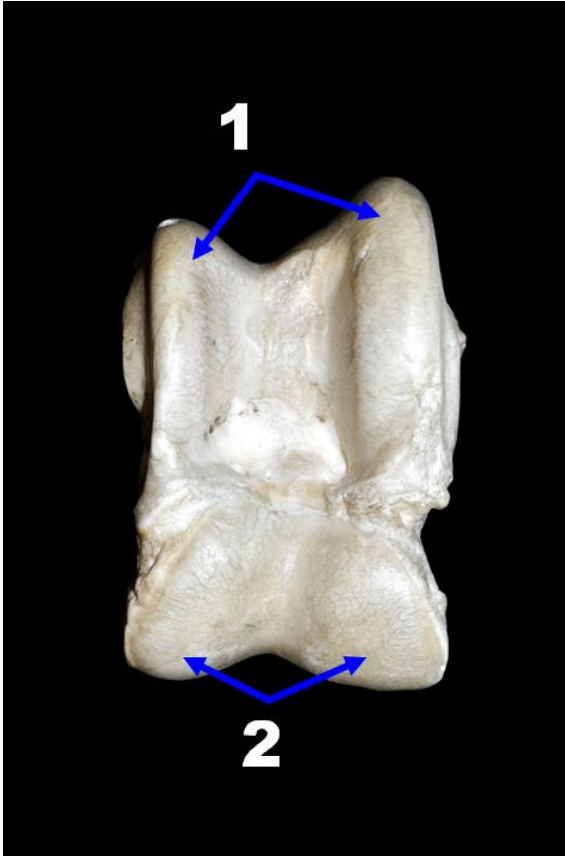
Obr. 163 (vlevo): Calcaneus sinister, *Bos taurus*, aspectus dorsalis. 1 - tuber calcanei, 2 - sustentaculum tali, 3 - facies articulares talaris, 4 - sulcus calcanei.

Obr. 164 (vpravo): Calcaneus sinister, *Bos taurus*, aspectus plantaris. 1 - tuber calcanei, 2 - sustentaculum tali, 3 - facies articularis talaris.

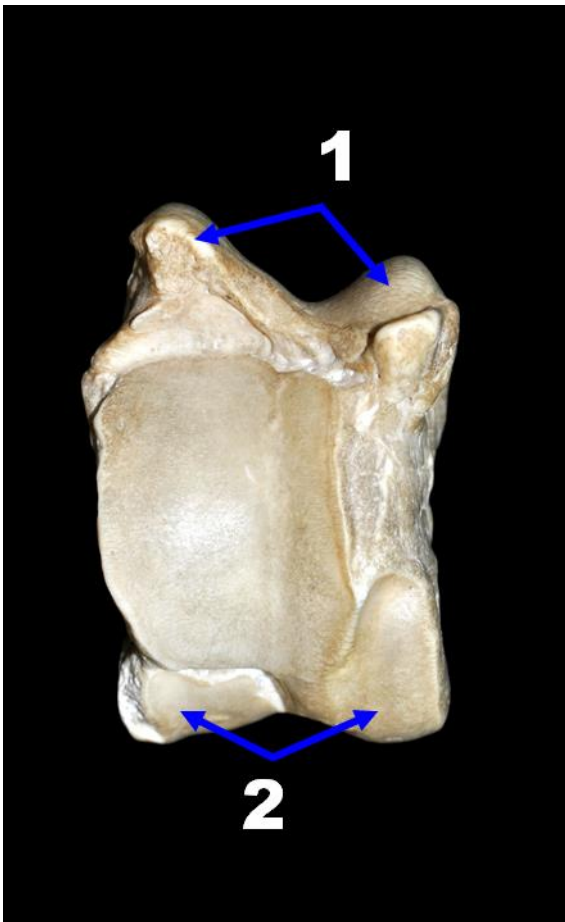


Obr. 165 (vlevo): Calcaneus sinister, Bos taurus, aspectus lateralis. 1 - tuber calcanei, 2 - sustentaculum tali, 3 - facies articularis talaris.

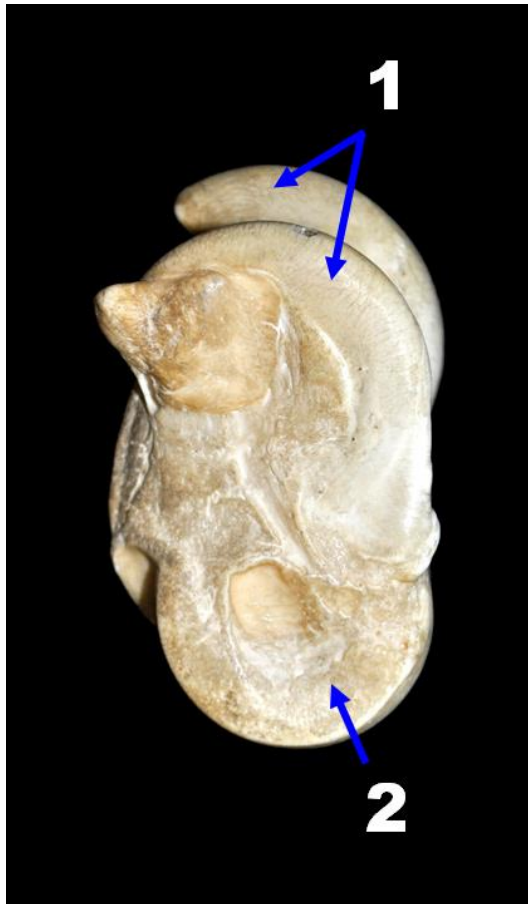
Obr. 166 (vpravo): Calcaneus sinister, Bos taurus, aspectus medialis. 1 - tuber calcanei, 2 - sustentaculum tali, 3 - facies articulares talaris.



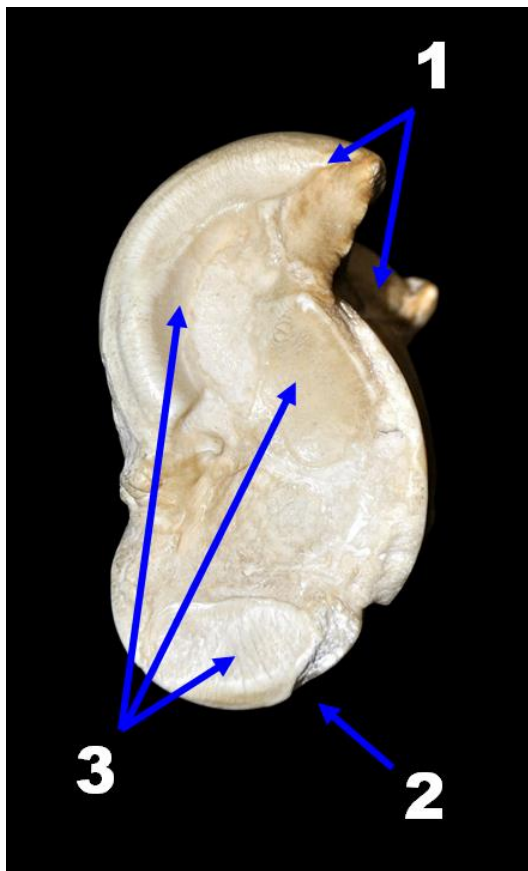
Obr. 167: Talus sinister, Bos taurus, aspectus dorsalis. 1 - trochlea tali proximalis, 2 - trochlea tali distalis.



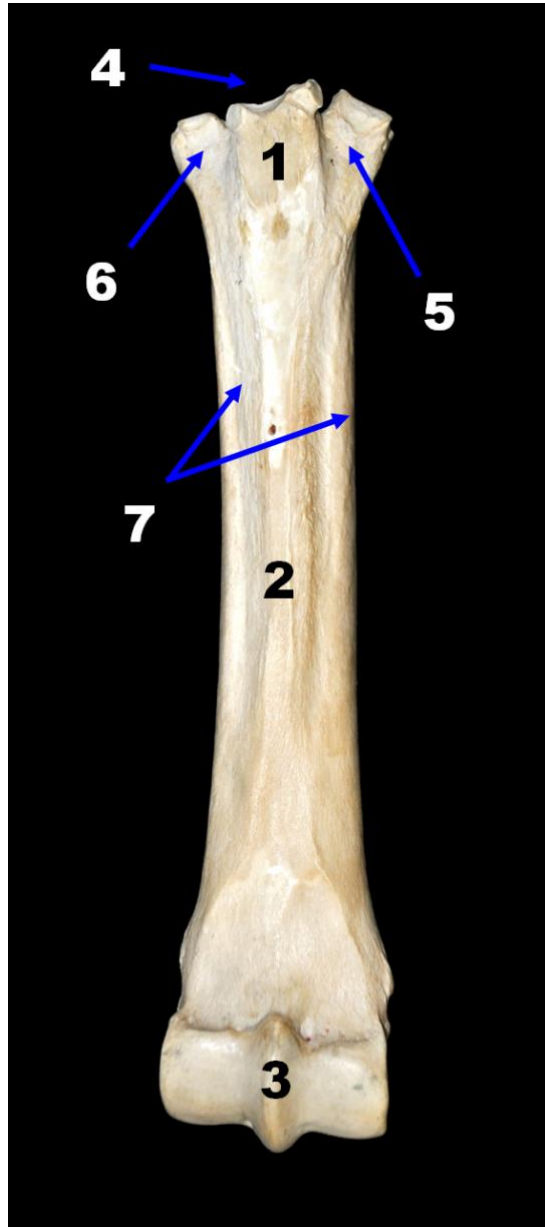
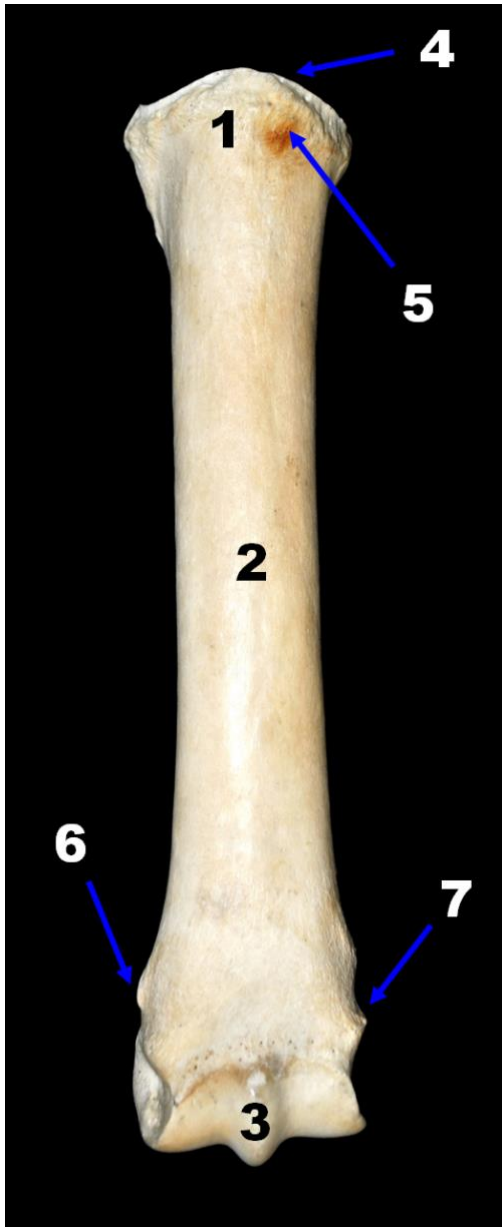
Obr. 168: Talus sinister, Bos taurus, aspectus plantaris. 1 - trochlea tali proximalis, 2 - trochlea tali distalis



Obr. 169: Talus sinister, Bos taurus, aspectus medialis. 1 - trochlea tali proximalis, 2 - trochlea tali distalis.



Obr. 170: Talus sinister, Bos taurus, aspectus lateralis. 1 - trochlea tali proximalis, 2 - trochlea tali distalis, 3 - facies articulares calcaneae.



Obr. 171 (vlevo): Os metatarsale III dextrum, Equus caballus, aspectus dorsalis. 1 - basis ossis metatarsalis III, 2 - corpus ossis metatarsalis III, 3 - trochlea ossis metatarsalis III, 4 - facies articularis tarsea, 5 - tuberositas ossis metatarsalis III, 6 - tuber ligamenti laterale, 7 - tuber ligamenti mediale.

Obr. 172 (vpravo): Os metatarsale III dextrum, Equus caballus, aspectus plantaris. 1 - basis ossis metatarsalis III, 2 - corpus ossis metatarsalis III, 3 - trochlea ossis metatarsalis III, 4 - facies articularis tarsea, 5 - kloubní plocha pro spojení s os metatarsale IV, 6 - kloubní plocha pro spojení s os metatarsale II, 7 - drsné plochy pro spojení s os metatarsale II a IV.

2.2.7. OSSA DIGITORUM PEDIS - kosti prstů nohy - obrázky 173 až 186

A) proximální článek prstu (phalanx proximalis)

- Basis phalangis proximalis
- Fovea articularis
- Corpus phalangis proximalis
- Tubera et eminentiae plantares seu trigonum phalangis proximalis (Eq)
- Trochlea (caput) phalangis proximalis

B) střední článek prstu (phalanx media)

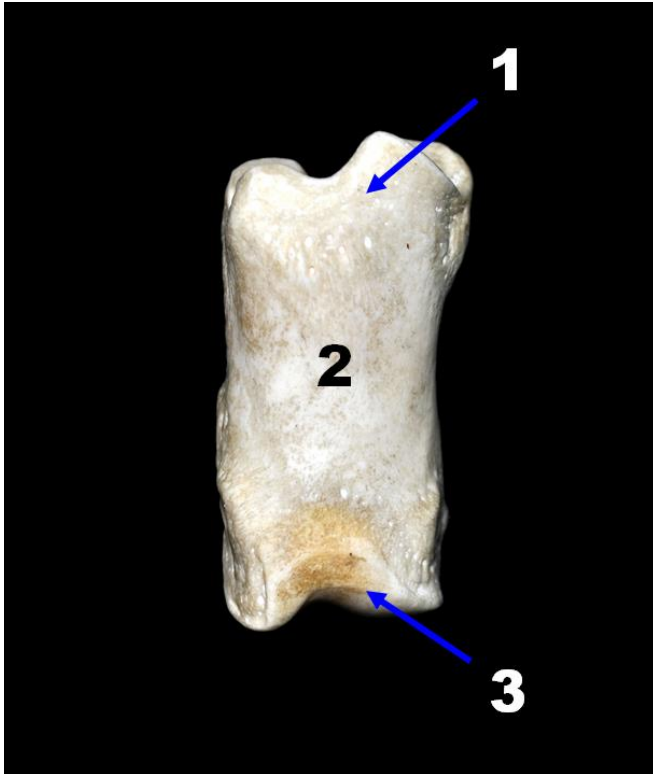
- Basis phalangis mediae
- Processus extensorius et tori plantares
- Corpus phalangis mediae
- Trochlea (caput) phalangis mediae

C) distální článek prstu (phalanx distalis)

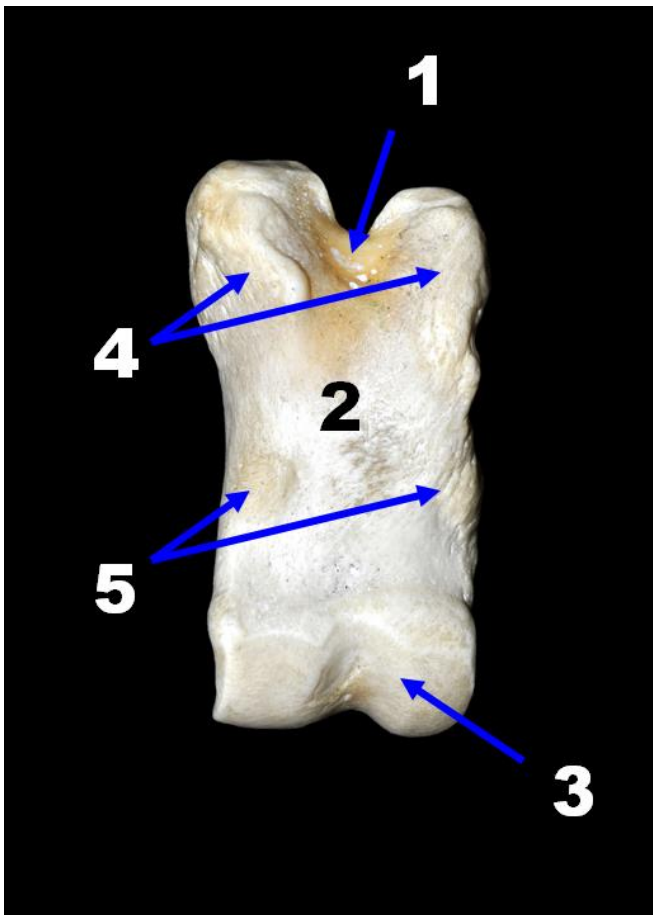
- Basis et apex phalangis distalis
- Facies parietalis et solearis
- Facies articularis et articularis sesamoidea
- Margo coronalis, dorsalis et solearis
- Processus extensorius et plantaris (Eq p. p. lateralis et medialis)
- Foramen axiale et foramen processus plantaris
- Incisura et foramen processus plantaris medialis et lateralis (Eq)
- Canalis solearis
- Processus, crista et sulcus unguicularis (Ca)

D) sezamské kosti prstu

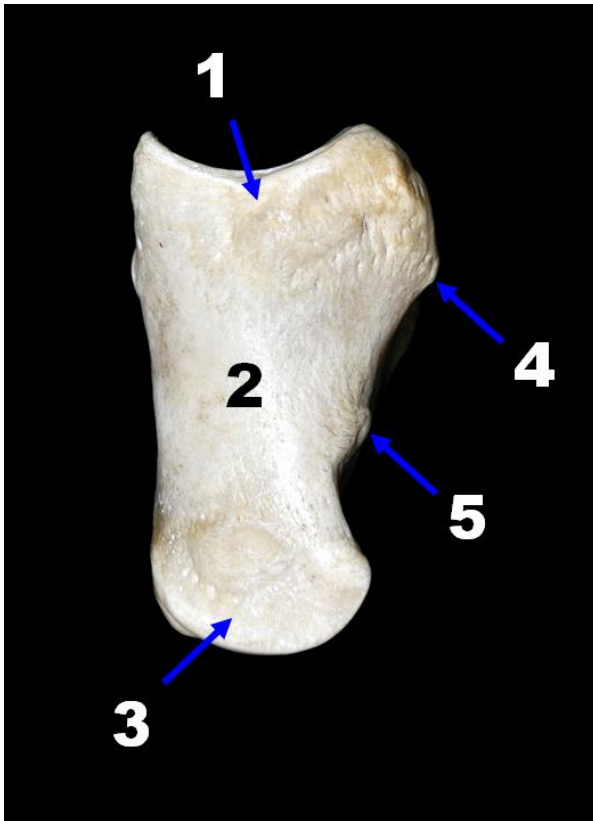
- Ossa sesamoidea proximalia
- Os sesamoideum distale



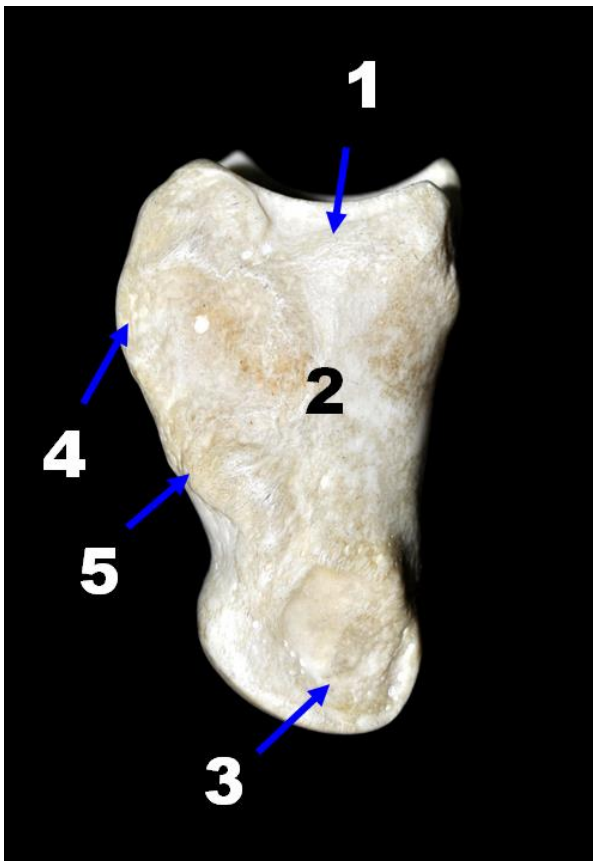
Obr. 173: Phalanx proximalis, Bos taurus, aspectus dorsalis. 1 - basis phalangis proximalis, 2 - corpus phalangis proximalis, 3 - trochlea phalangis proximalis.



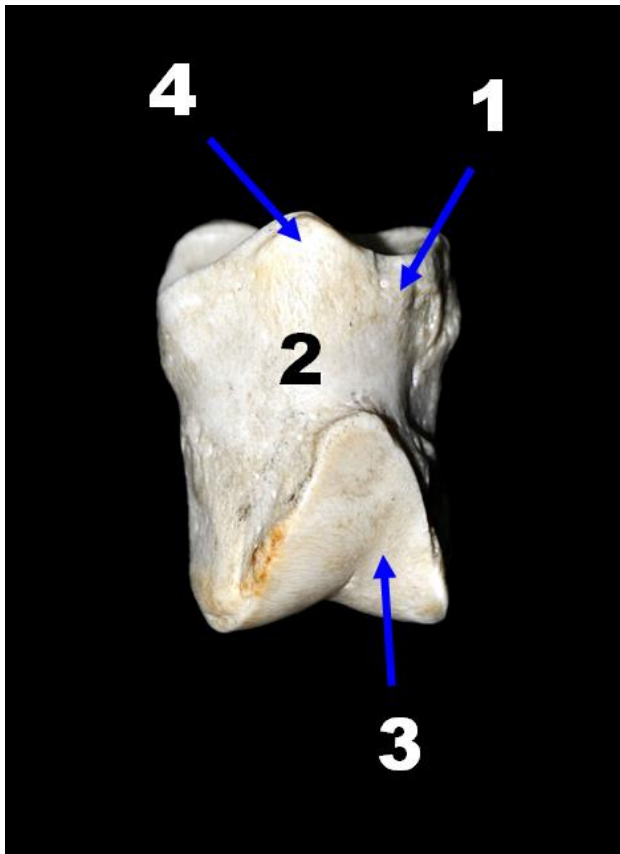
Obr. 174: Phalanx proximalis, Bos taurus, aspectus plantaris. 1 - basis phalangis proximalis, 2 - corpus phalangis proximalis, 3 - trochlea phalangis proximalis, 4 - tubera plantaria, 5 - eminentiae plantares.



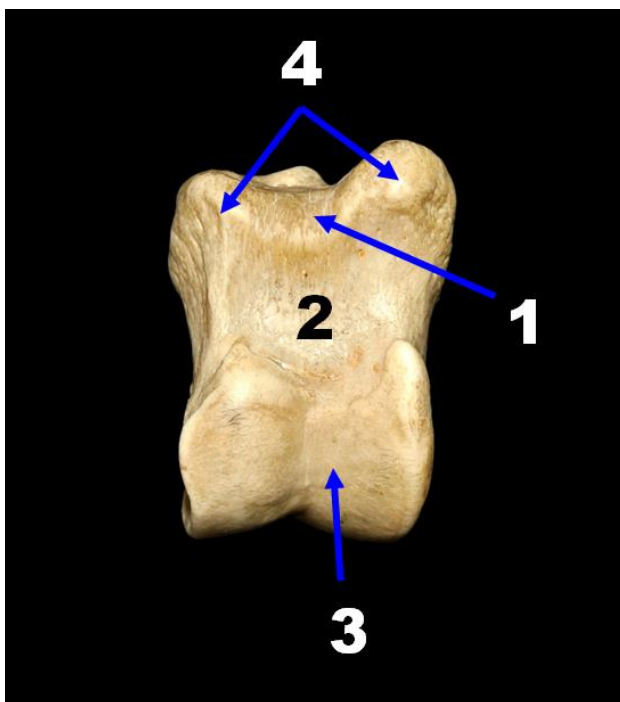
Obr. 175: Phalanx proximalis, Bos taurus, aspectus abaxialis. 1 - basis phalangis proximalis, 2 - corpus phalangis proximalis, 3 - trochlea phalangis proximalis, 4 - tuber plantaris, 5 - eminentia plantaris.



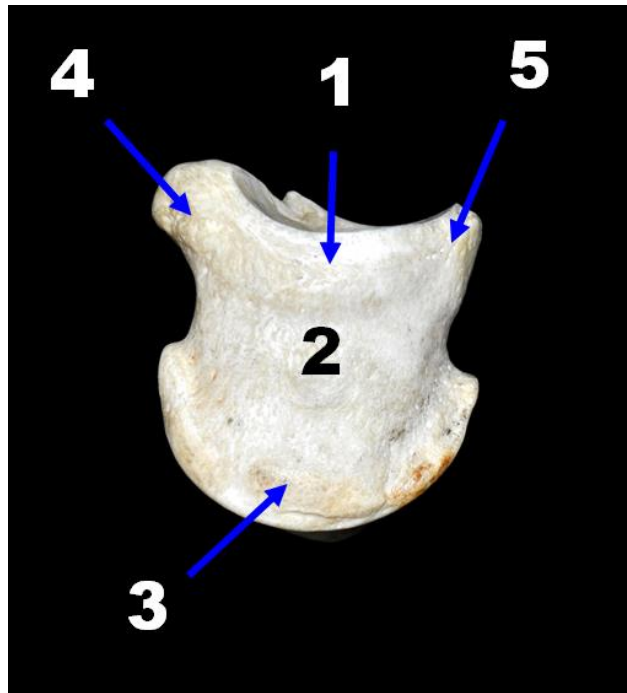
Obr. 176: Phalanx proximalis, Bos taurus, aspectus axialis. 1 - basis phalangis proximalis, 2 - corpus phalangis proximalis, 3 - trochlea phalangis proximalis, 4 - tuber plantaris, 5 - eminentia plantaris.



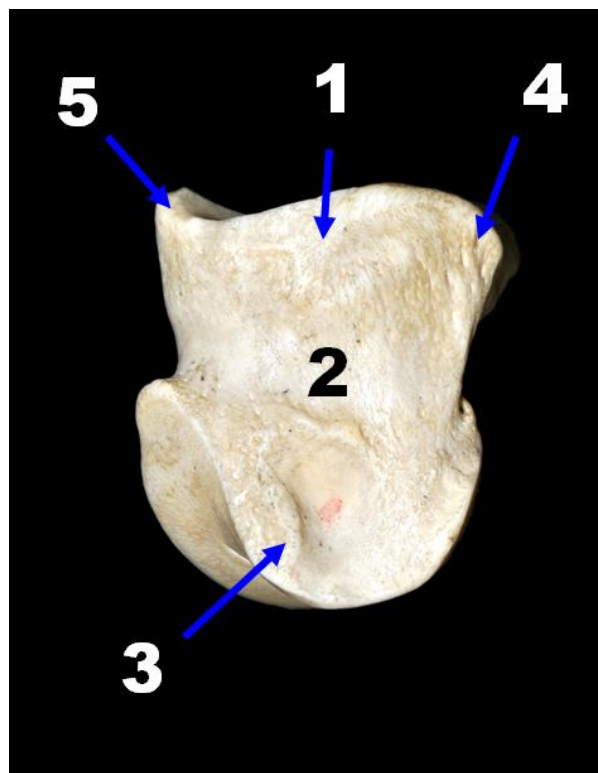
Obr. 177: Phalanx media, Bos taurus, aspectus dorsalis. 1 - basis phalangis mediae, 2 - corpus phalangis mediae, 3 - trochlea phalangis mediae, 4 - processus extensorius.



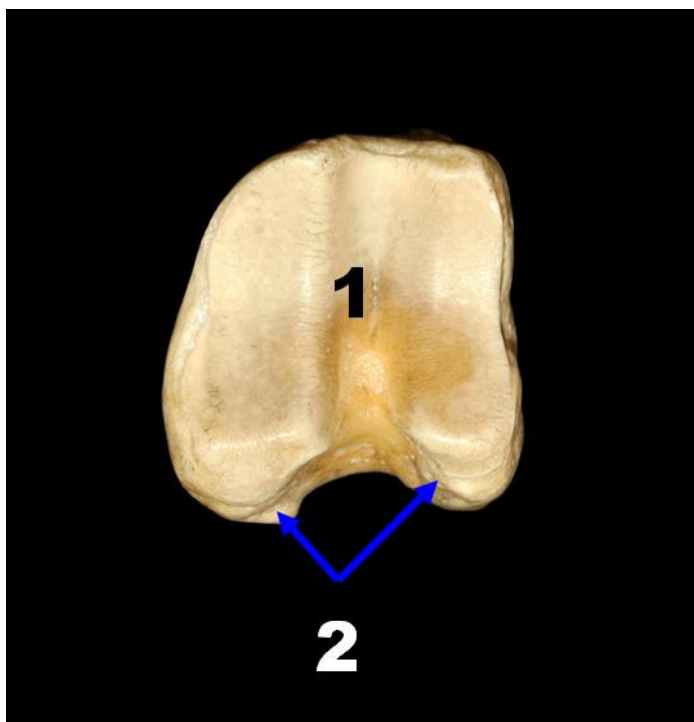
Obr. 178: Phalanx media, Bos taurus, aspectus plantaris. 1 - basis phalangis mediae, 2 - corpus phalangis mediae, 3 - trochlea phalangis mediae, 4 - tori plantares.



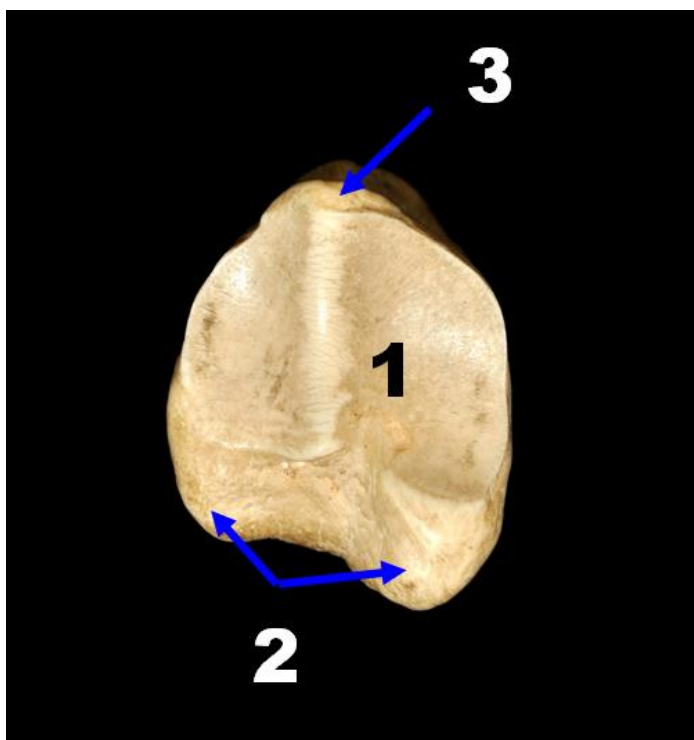
Obr. 179: Phalanx media, *Bos taurus*, aspectus abaxialis. 1 - basis phalangis mediae, 2 - corpus phalangis mediae, 3 - trochlea phalangis mediae, 4 - torus plantaris, 5 - processus extensorius.



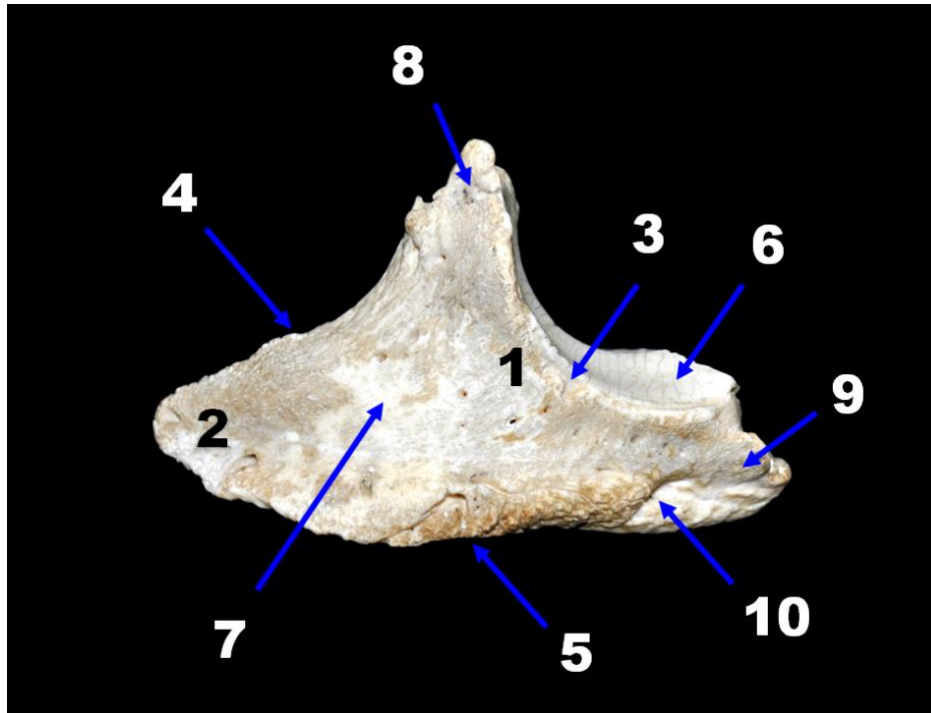
Obr. 180: Phalanx media, *Bos taurus*, aspectus axialis. 1 - basis phalangis mediae, 2 - corpus phalangis mediae, 3 - trochlea phalangis mediae, 4 - torus plantaris, 5 - processus extensorius.



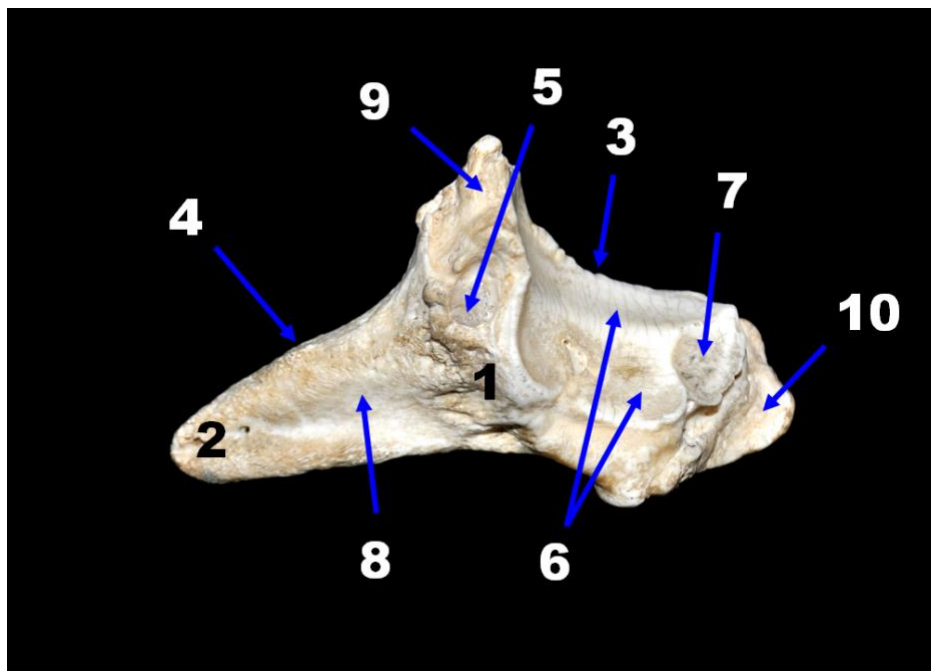
Obr. 181: Phalanx proximalis, *Bos taurus*, aspectus proximalis. 1 - fovea articularis na basis phalangis proximalis, 2 - tubera plantaria.



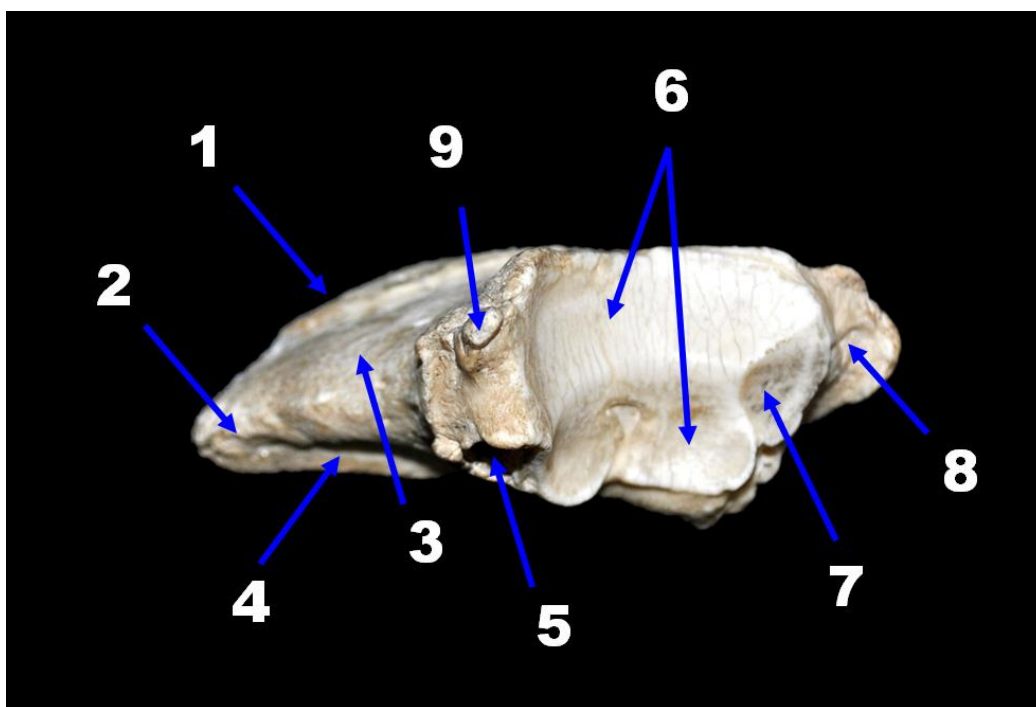
Obr. 182: Phalanx media, *Bos taurus*, aspectus proximalis. 1 - fovea articularis na basis phalangis mediae, 2 - tori plantares, 3 - processus extensorius.



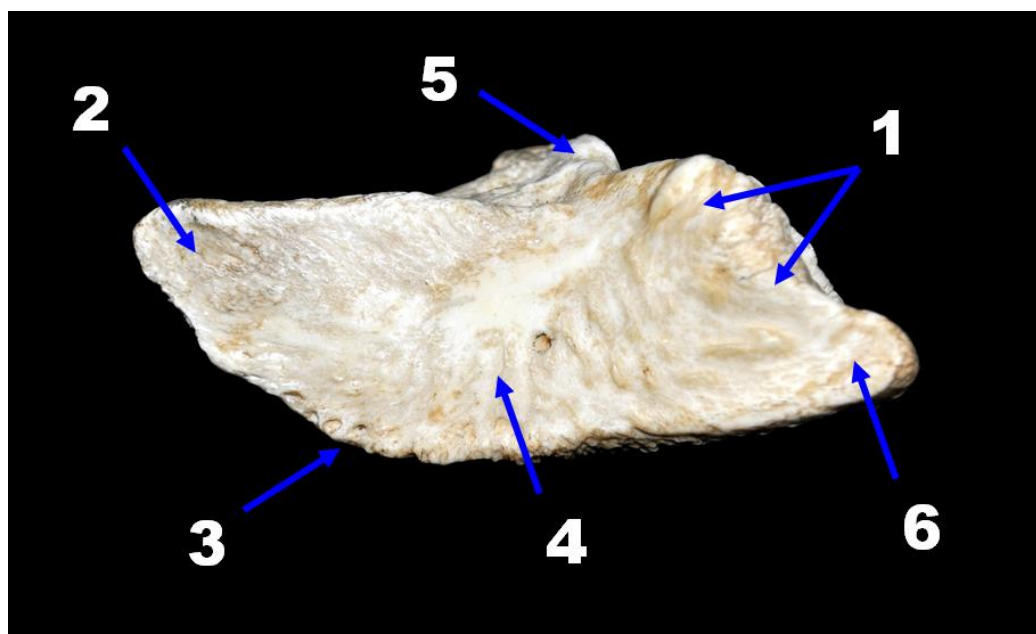
Obr. 183: Phalanx distalis, *Bos taurus*, aspectus abaxialis. 1 - basis, 2 - apex, 3 - margo coronalis, 4 - margo dorsalis, 5 - margo solearis, 6 - facies articularis, 7 - facies parietalis abaxialis, 8 - processus extensorius, 9 - processus plantaris s tuberculum flexorium, 10 - foramen processus plantaris.



Obr. 184: Phalanx distalis, *Bos taurus*, aspectus axialis. 1 - basis, 2 - apex, 3 - margo coronalis, 4 - margo dorsalis, 5 - foramen axiale, 6 - facies articularis, 7 - facies articularis sesamoidea, 8 - facies parietalis axialis, 9 - processus extensorius, 10 - processus plantaris s tuberculum flexorium.



Obr. 185: Phalanx distalis, *Bos taurus*, aspectus proximalis. 1 - margo solearis, 2 - apex, 3 - facies parietalis abaxialis, 4 - facies parietalis axialis, 5 - foramen axiale, 6 - facies articularis, 7 - facies articularis sesamoidea, 8 - processus plantaris s tuberculum flexorium, 9 - processus extensorius.



Obr. 186: Phalanx distalis, *Bos taurus*, aspectus distalis. 1 - basis, 2 - apex, 3 - margo solearis, 4 - facies solearis, 5 - processus extensorius, 6 - processus plantaris s tuberculum flexorium.

3. SEZNAM POUŽITÉ LITERATURY

BARONE, R. (1966): Anatomie comparée des mammifères domestiques, Tome premier, Osteologie, Laboratoire d'anatomie école nationale vétérinaire, Lyon, 811 str.

KOCH, T. (1976): Lehrbuch der veterinär-anatomie, Band I, Bewegungsapparat. VEB Gustav Fischer Verlag Jena, Germany, pp. 445.

KOLDA, J. (1936): Srovnávací anatomie zvířat domácích se zřetelem k anatomii člověka. I. Část obecná, II. Nauka o kostech a chrupkách. Novina, Brno, 1936, 914 str.

KÖNIG, H. E., LIEBICH, H. G. (2003): Anatomie domácích savců 1. díl: Pohybový aparát, H&H, Bratislava, 286 str.

NAJBRT, R. a kol. (1980): Veterinární anatomie 1, SZN, Praha, 524 str.

NICKEL, R., SCHUMMER, A., SEIFERLE, E., (1986): The Anatomy of the Domestic Animals, Volume 1, The Locomotor System of the Domestic Mammals, Verlag Paul Parey, Berlin • Hamburg, 499 str.

NOMINA ANATOMICA VETERINARIA (NAV), Sixth Edition, 2017, I.C.V.G.A.N., Editorial Committee Hanover (Germany), Ghent (Belgium), Columbia, MO (U.S.A.), Rio de Janeiro (Brazil), 178 str.



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