

## APPENDIX 2: HISTOLOGY TEACHING SLIDE CATALOGUE

No.	Tissue	Animal	Stain
1	Umbilical cord	human	H & E
1A	Umbilical cord	human	Gomori Trichrome
2	Lymph node (reticular fibres)	cat	Silver, Fast Green
3	Mitosis	onion root	Iron Haematoxylin
4	Mesentery (whole mount)	rat	Aldehyde Pararosanolin, H & Fast Green
4A	Phagocytosis (liver-ferritin; adipose tissue-carbon)	rat	Perls' Reaction, Nuclear Fast Red, Tartrazine
5	Cartilage (epiglottis)	dog	Verhoeff's elastic, Tartrazine
5A	Fibrocartilage (I.V. disc)	human	H & E
6	Lung (reticular fibres)	cat	Silver, Nuclear Fast Red, Tartrazine
6A	Lung (elastic fibres)	guinea pig	Aldehyde Pararosanolin
7	Tendon (LS)	rat/cat/k-roo	H & E
8	Cartilage (ear)	human	Verhoeff's elastic, H & VG
8A	Muscle, skeletal (stretched, TS & LS) (3 µm paraffin sections)	toad	H & E
9	Bone, neonatal (tail)	rat	Alcian Blue, H & Van Gieson
9A	Bone (vertebrae)	kitten	Alcian Blue, H & Van Gieson
10	Bone (developing limb)	rat	H & E
10A	Bone (ground, LS)	human	Alizarin Red
11	Bone, adult (TS femur)	cat	H & E
11A	Bone, adult (ground, TS)	human	Alizarin Red
12	Bone, developing (LS femur)	cat	H & E
12A	Bone (knee joint)	kitten	Alcian Blue, H & Van Gieson
13	Adipose tissue, white & brown (subscapular), muscle spindles	rat	H & Van Gieson
14	Muscle, cardiac (left ventricle)	human	H & E
15	Muscle, cardiac (IV septum)	sheep	PTAH
16	Nerve, peripheral (LS)	cat	Osmium tetroxide
16A	Nerve, peripheral (TS, semithin)	rat	Toluidine Blue
17	Muscle, striated (tongue)	monkey	PTAH
18	Muscle, cardiac	rat	
19	Cerebellum	cat	Luxol Fast Blue, H & E
20	Spinal cord	ox	Luxol Fast Blue, H & E
20A	Spinal cord	cat	Gallocyanin
21	Ganglion, trigeminal (sensory)	cat	H & E
21A	Ganglion, trigeminal (sensory)	cat	Luxol Fast Blue, H & E
22	Ganglion, sympathetic (autonomic)	human	Masson's Trichrome
23	Nerve, peripheral (sciatic)	cat	Masson's Trichrome
24	Thyroid	human	H & E
24A	Thyroid and parathyroid	chimp	Masson's Trichrome

25	Pituitary (Hypophysis)	human	Tri-PAS
26	Pituitary (Hypophysis)	ox	Picro-Mallory
28	Cerebrum	human	GFAP
28A	Cerebellum	human	GFAP
29	Adrenal	monkey	H & E
30	Adrenal	human	Masson's Trichrome
31	Neurovascular bundle (TS)	monkey	Verhoeff's Elastic, H & VG
31A	Neurovascular bundle (TS)	monkey	Toluidine Blue (resin embedded)
32	Vena cava	human	Verhoeff's Elastic, H & VG
33	Aorta (14 yr., TS)	human	Verhoeff's Elastic, H & VG
34	Aorta (14 yr., LS)	human	H & E
34A	Aorta (14 yr., LS)	human	Masson's Trichrome
35	Bone marrow	human	Romanowsky
36	Tonsil (palatine)	human	H & E
37	Lymph node	cat	H & E
38	Lymph node (bronchial, showing phagocytosed carbon)	human	H & E
38A	Lymph node (bronchial, showing phagocytosed carbon)	human	Hughesden's Biebrich Scarlet, Orange G, Aniline Blue
39	Thymus (juvenile)	human	H & E
39A	Thymus (juvenile)	human	H & Van Gieson
40	Thymus (adult)	human	H & Van Gieson
40A	Thymus (neonatal)	human	H & E
41	Spleen	human	H & E
41A	Spleen	human	H & Van Gieson
42	Skin (thick), palm	human	H & E
43	Skin (thick), palm	human	Verhoeff's Elastic, H & VG
44	Eyelid	human	Aldehyde Pararosanilin, Masson's Trichrome
45	Blood (adult)	human	Romanowsky
45A	Blood (adult - leucocytosis)	human	Romanowsky
46	Lip	human	H & E
47	Skin (thin), scalp (LS and TS)	human	Gomori Trichrome, Picric Acid
48	Skin (thin), axillary	human	Masson's Trichrome
48A	Skin (thick) palmar	human	PTAH
49	Digit, neonatal (LS)	human	H & Van Gieson
50	Palate (soft)	dog	H & E
50A	Palate (soft)	dog	PAS, Tartrazine, Iron H.
51	Larynx (neonatal)	human	H & E, Alcian Blue
52	Tongue (filiform papillae)	human	H & E
52A	Tongue, root	human	Alcian Blue, H & Van Gieson
53	Tongue (fungiform & circumvallate)	human	Masson's Trichrome
53A	Tongue (taste buds)	rabbit	Masson's Trichrome
54	Head (neonatal)	rat	Alcian Blue, H & E
54A	Rat (LS)	rat	Alcian Blue, H & Van Gieson
55	Nasal cavity	monkey	Alcian Blue, H & Van Gieson

56	Head (neonatal)	rat	H & E
56A	Head (neonatal)	rat	H & Van Gieson
57	Cochlea	guinea pig	H & Phloxine (resin embedded)
58	Eye (anterior segment)	monkey	H & Phloxine (resin embedded)
59	Eye (posterior segment)	primate	Masson's Trichrome
60	Tooth, adult	rat	H & E
61	Salivary gland (submandibular)	human	H & E
62	Salivary gland (parotid)	human	H & E
63	Oesophagus (middle 1/3, TS & LS)	human	H & E
64	Oesophagus (middle 1/3, TS & LS)	human	Masson's Trichrome
65	Cardio-oesophageal junction	primate	H & E
66	Stomach, body	chimp.	H & E
66A	Stomach, body	chimp.	PAS, H & E
67	Stomach, pylorus	primate	H & E
68	Pyloroduodenal junction	primate	H & E
69	Duodenum	human	H & E (resin embedded)
69A	Duodenum	primate	H & E
70	Intestine, small (jejunum)	chimp.	H & E
70A	Intestine, small (ileum, TS)	cat	Alcian Blue, H & Van Gieson
71	Appendix, vermiform	human	Alcian Blue, H & E
72	Intestine, large	human	H & E
73	Recto-anal junction	human	H & E
74	Liver	human	H & E
74A	Liver	monkey	PTAH
75	Gall bladder	human	H & E
76	Liver	pig	H & Van Gieson
76A	Liver (reticular fibres)	rabbit/ monkey	Silver impregnation
77	Pancreas	human	H & E
77A	Pancreas	monkey	Phloxine, H & Tartrazine
78	Trachea	human	H & E
79	Lung	cat	Picro-Mallory
79A	Lung	human	H & E
80	Kidney (LS & TS)	rat	H & E
80A	Kidney (LS & TS)	rat	PAS, H & Tartrazine
81	Kidney (LS)	human	H & E
82	Kidney (vascular injection)	cat	Iron H, Fast Green, Carmine-gelatine
83	Ureter	human	H & E
83A	Ureter	chimp.	H & Van Gieson
84	Bladder, urinary (relaxed)	human	Masson's Trichrome
85	Bladder, urinary (distended/relaxed)	monkey	H & E
86	Testis (LS)	cat	Masson's Trichrome
86A	Testis	cat	Gomori's Trichrome
87	Testis	human	H & E
87A	Testis, Epididymis	monkey	H & E

88	Vas deferens	human	H & E
89	Seminal vesicle	ox	Heidenhain's Azan & Masson's Trichrome
90	Prostate	chimp.	H & E
90A	Prostate	dog	H & Van Gieson
91	Penis, neonatal (TS)	human	Masson's Trichrome
91A	Spermatozoa	human	Iron Haematoxylin
92	Ovary	cat (kitten)	H & E
92A	Ovary, corpus luteum	human	H & E
93	Uterine tube (oviduct)	human	H & E
94	Cervix (LS)	human	H & E
94A	Cervix (LS)	human	PAS, Haematoxylin
95	Endometrium (secretory)	human	H & E
95A	Endometrium (late proliferative)	human	H & E
96	Uterus, Placenta	human	H & E
97	Vagina	human	H & E
97A	Vagina (lateral wall smear)	human	Shorr (modified)
98	Mammary gland (immature)	human	Heidenhain's Azan
99	Mammary gland (lactating)	cat	H & E
100	Mammary gland (post-menopausal)	human	H & E

Copyright, School of Anator  
(revised 22.01.1999)