**Items to Identify: Endocrine System**

**Slides to Identify**

* Slide 156: Pancreas, monkey (toluidine blue)
  + Islets of Langerhans, local blood portal system, anastomosing cords, sinusoids
  + Acinar cells, beta cells, alpha cells, delta cells
* Slide 158: Pancreas
  + Islets of Langerhans, local blood portal system, anastomosing cords, sinusoids
  + Acinar cells, beta cells, alpha cells, delta cells
* Slide 165:Testis
  + Leydig cells, vascular supply
* Slide 184: Thyroid
  + Colloid follicles, capillary plexuses, follicular cells, parafollicular cells
* Slide 186: Adrenal
  + Dense collagenous connective tissue capsule, adrenal cortex and adrenal medulla
  + Zona glomerulosa, zona fasciculate, sinusoids, lipid, zona reticularis
  + Chromaffin cells, capillaries, adrenal vein
* Slide 188: Parathyroid
  + Chief (principal cells), oxyphil cells
* Slide 191: Pituitary (Herlant's stain)
  + Neurohypophysis, unmyelinated axons, infundibulum, pituicytes, pars nervosa, capillaries, **Herring bodies**
  + Adenohypophysis, dense cells, pars distalis, sinusoids, chromophobes, acidophils, basophils
  + Rathke’s cysts, pars intermedia, pars tuberalis
* Slide 268:Ovary, guinea pig
  + Follicles, vascular supply
* Slide 290: Pineal gland
  + Connective tissue capsule, septa, lobules, sand granules, pinealocytes, neuroglial cells
* Slide 293: Testis
  + Leydig cells, vascular supply
* Slide 484: Parathyroid
  + Chief (principal cells), oxyphil cells
* Slide 490: Hypophysis & Slide HISTO074: Pituitary (tumor in pars nervosa)
  + Major divisions of Pituitary gland
  + Neurohypophysis, unmyelinated axons, infundibulum, pituicytes, pars nervosa, capillaries, Herring bodies
  + Adenohypophysis, dense cells, pars distalis, sinusoids, chromophobes, acidophils, basophils
  + Rathke’s cysts, pars intermedia, pars tuberalis
* Slide 34218: Pancreas (Rat)
  + Islets of Langerhans, local blood portal system, anastomosing cords, sinusoids
  + Acinar cells, beta cells, alpha cells, delta cells

**EMs to Identify**

* EM 20: Leydig cell
  + High SER, tubular christae of mitochondria
* EM 24: Corpus luteum
  + High SER, tubular christae of mitochondria