**Items to Identify: Respiratory System**

**Slides to Identify**

* Slide 133: Trachea, monkey
  + Pseudostratified ciliatede epithelium, goblet cells, thick hyaline cartilage, submucosal gland, elastic fibers, submucosa, adventitia, tracheal cartilage, perichondrium
* Slide 135: Lung, rat
  + Terminal bronchioles, ciliated cuboidal epithelium, alveoli, Clara cells, alveolar ducts, alveolar sacs
  + Terminal bronchioles, respiratory bronchiole, alveolar duct, alveoli
  + Type I pneumonocyte- squamous, Type II pneumonocyte- cuboidal, alveolar macrophages, capillaries, surfactant granules
* Slide 242: Esophagus and trachea, monkey
  + Pseudostratified ciliatede epithelium, goblet cells, thick hyaline cartilage, submucosal gland, elastic fibers, submucosa, adventitia, tracheal cartilage, perichondrium
* Slide 429: Larynx (Gallego's stain) & Slide HISTO39: Larynx (H&E)
  + Thyroid cartilage, cricoid cartilage, tracheal cartilage, false vocal cords, true vocal cords, vocal cord muscles, laryngeal ventricle
  + Elastic cartilage, stratified squamous epithelium transition to respiratory epithelium, lamina propria, submucosa, glands, skeletal muscle, hyaline cartilage, lymphatic tissue
* Slide 432: Lung with bronchi
  + Pseudostratified ciliated columnar epithelium, goblet cells, smooth muscle, lamina propria, cartilage, submucosa glands
  + Terminal bronchioles, ciliated cuboidal epithelium, alveoli, Clara cells, alveolar ducts, alveolar sacs
  + Terminal bronchioles, respiratory bronchiole, alveolar duct, alveoli
  + Type I pneumocyte- squamous, Type II pneumocyte- cuboidal, alveolar macrophages, capillaries, surfactant granules
* Slide 19714: Lung
  + Pseudostratified ciliated columnar epithelium, goblet cells, smooth muscle, lamina propria, cartilage, submucosa glands
  + Terminal bronchioles, ciliated cuboidal epithelium, alveoli, Clara cells, alveolar ducts, alveolar sacs
  + Terminal bronchioles, respiratory bronchiole, alveolar duct, alveoli
  + Type I pneumocyte- squamous, Type II pneumocyte- cuboidal, alveolar macrophages, capillaries, surfactant granules
* Slide 36721: Rat lungs with cardiac cells in artery
  + Terminal bronchiole, respiratory bronchiole, elastin fibers, lymphatics, blood vessels, mast cells, smooth muscle
  + Pseudostratified columnar epithelium, nerves, lymphoidal tissue
  + Cardiac muscle, striations
* Slide 36722: Rat lungs with cardiac cells in artery
  + Red blood cells, capillaries, respiratory bronchiole, alveolar duct, alveoli
  + Surfactant, Type II pneumocytes
* Slide HISTO036-001: Nasal cavity
  + Swell bodies
* Slide HISTO042: Lungs Type I and Type II pneumocytes
  + Type I and type II pneumocytes
    - Surfactant granules
  + Mast cells

**EMs to Identify**

* EM 8: Trachea; 20,630x
  + Cilia, microvilli, goblet cells, mucus
* EM 18c: Lung; 45,000x
  + Type II pneumocyte, lamellar bodies, surfactant, microvilli