CEREBELLAR PEDUNICLES

- Attach cerebellum to pons - all cerebellar pathways run through pons

* MIDDLE PEDUNCLE (S. brachium pontis)
  - Ataxia (ataxia)
  - Afferent (afferent) (nera pontocerebellar fibers)
    [Darghma - crossed in basis pontis]

* SUPERIOR PEDUNCLE (S. brachium conjunctivum)
  - Efferent (afferent) (EF: dentatorubrothalamic fibers)
  - Afferent (afferent) (AF: ant. spinocerebellar tract, trigeminocerebellar tract)
    * Pontocerebellar tract

* INFERIOR PEDUNCLE - afferent (afferent) (rest. cerebellorubral)
  - Efferent (afferent) (EF: pyramidis of rhomboid fossa) olivary, apnoea n. VIII shaidulay
  - Sympathy to 3rd, 7th, 9th, 10th, 11th:

1) Larger (lateral) bundle - RESTIFORM BODY - afferent (afferent)
   - Pont. spinocerebellar tract, cuneocerebellar tract
   - Olivocerebellar tract
   - Reticulocerebellar tract
   - Aromatoenocerebellar tract

2) Smaller (medial) bundle - JUXTARESTIFORM BODY - segregation ➡️
   - Sympathy to vestibular nuclei

Rèziume: SUPERIOR pagaître afferent (afferent) ; MIDDLE + INFERIOR - pagaître afferent (afferent)