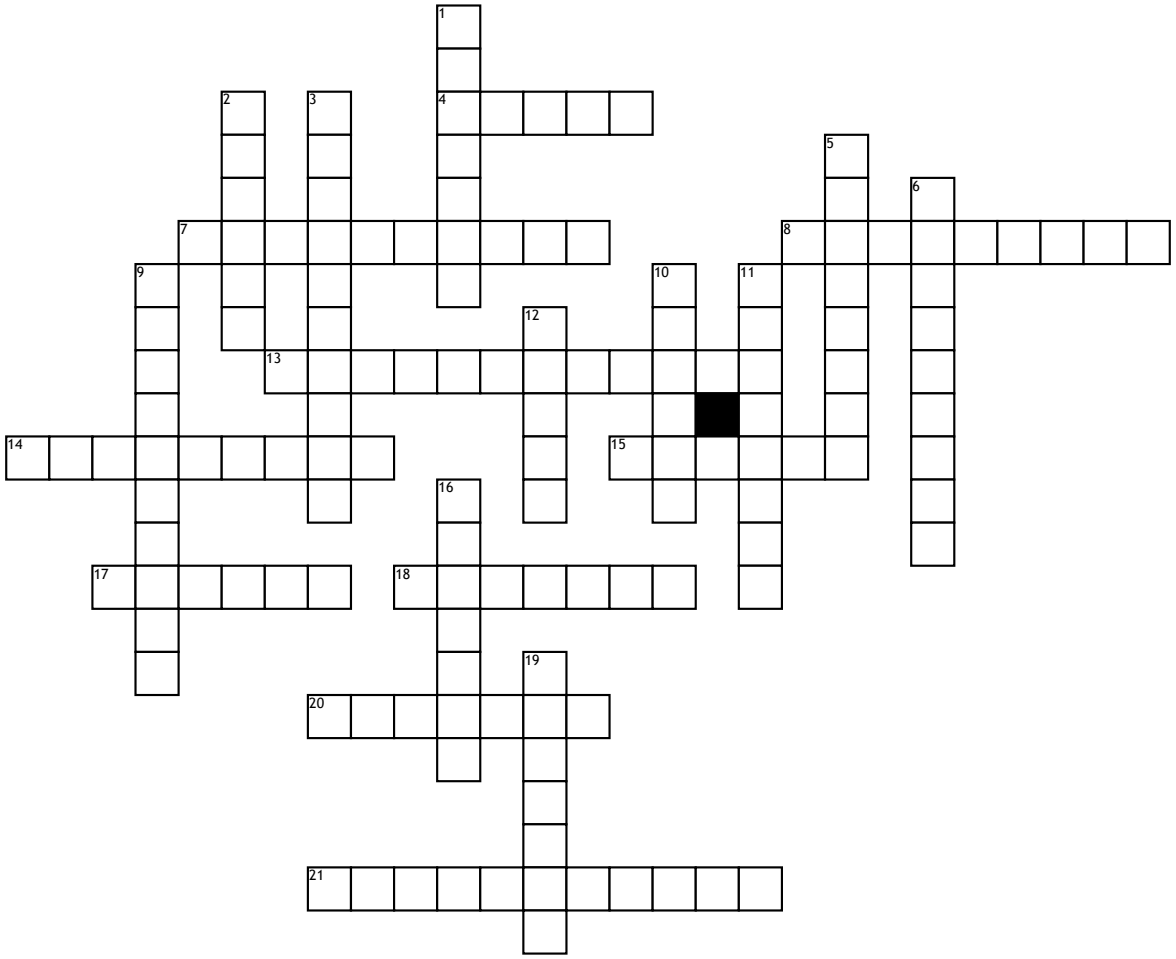
Organ stops



Across

4. A reed stop with fractional-length resonators; produces a buzzy sound with low fundamental frequency.

7. An 8′ string stop; It is the most common stop used for the Voix céleste in combination with a second rank tuned slightly sharp.

8. German for "reed flute"; a semi-capped metal pipe with a narrow, open-ended tube (i.e. "chimney") extending from the top which resembles a reed

13. Comprises ranks at 2 2/3' and 1 3/5'

14. French description for a solo trumpet laid horizontally that can often be heard over full organ.

15. A 4′ Principal. "Prestant" often indicates ranks that have pipes mounted in the front of the organ case.

17. Flute mutation stop of 2 2/3′ (sounding a twelfth above written pitch)

18. A basic stopped 8′ flute in the manuals, and stopped 16′ and/or 8′ flute voice in the pedal

20. Multi-rank stops that enhance the harmonics of the fundamental pitch, and are intended for use with foundation stops, not alone.

21. An 8′ string stop tuned slightly sharp or flat to create an undulating effect when combined with another string stop. Some variants contain both a normal-pitched and detuned rank.

Down

1. Flute mutation stop at 1 1/3′ pitch

2. A high-pitched mixture stop

3. Powerful reed stop, much like the Bombarde or Trombone; normally a 16′ or 32′ pedal reed; unusually an 8′ or 16′ on the manuals

5. Cylindrical solo reed that has a distinct buzzing or bleating sound, imitative of the historical instrument of the same name

6. A flue stop that is the "backbone" sound of the organ. Most commonly at 8′ in manuals, and 8′ or 16′ in the pedals.

9. Fractional length regal supposedly intended to imitate the human voice

10. Mutation stop pitched 1 3/5′, supporting the 8′ harmonic series

11. Old name for the Principal stop

12. A string stop that has a thinner, more cutting tone than the Cello stop. It is one of the earliest designs of string stops

16. Principal mutation stop of 2 2/3′

19. A loud chorus reed stop, generally a single rank, with inverted conical resonators.