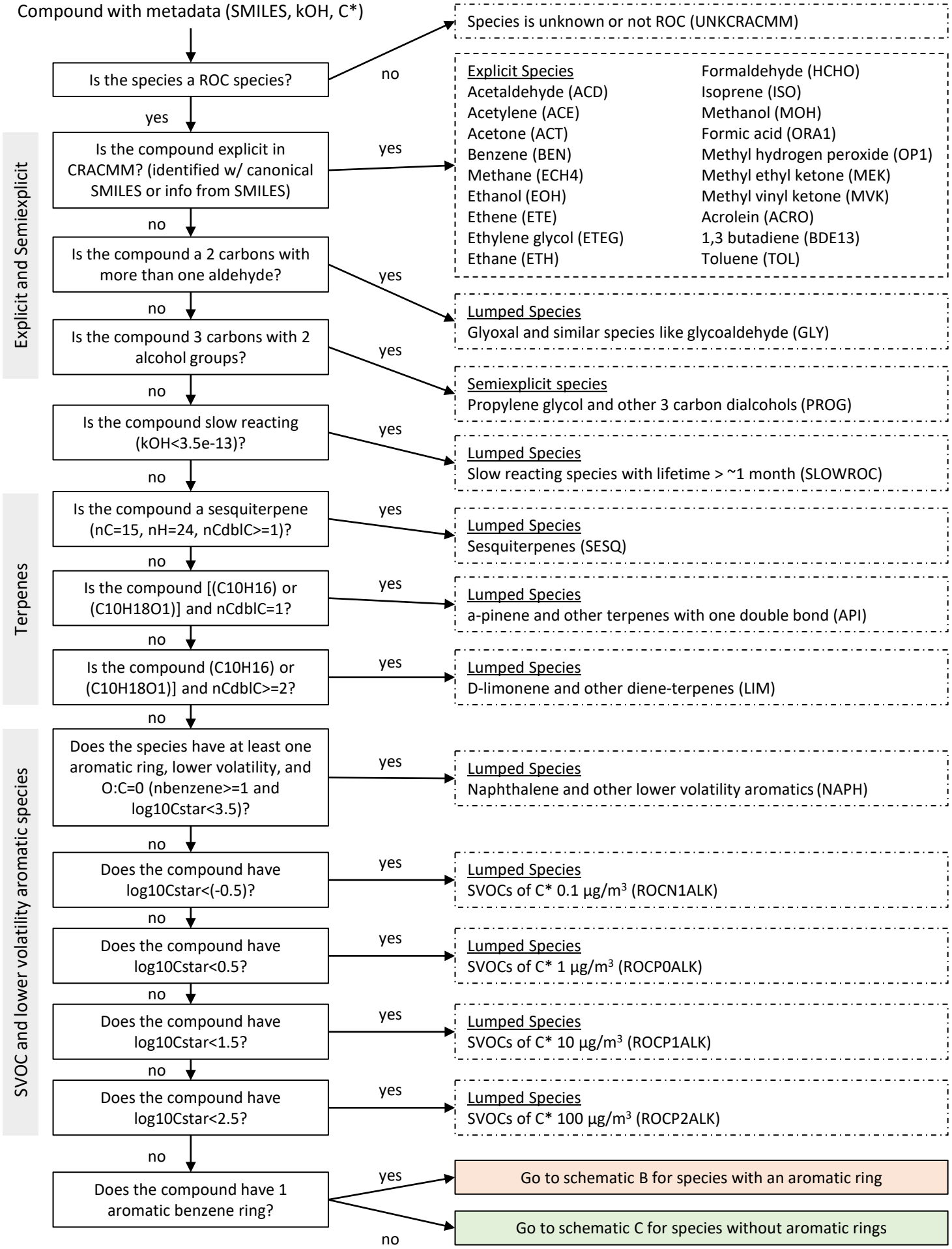
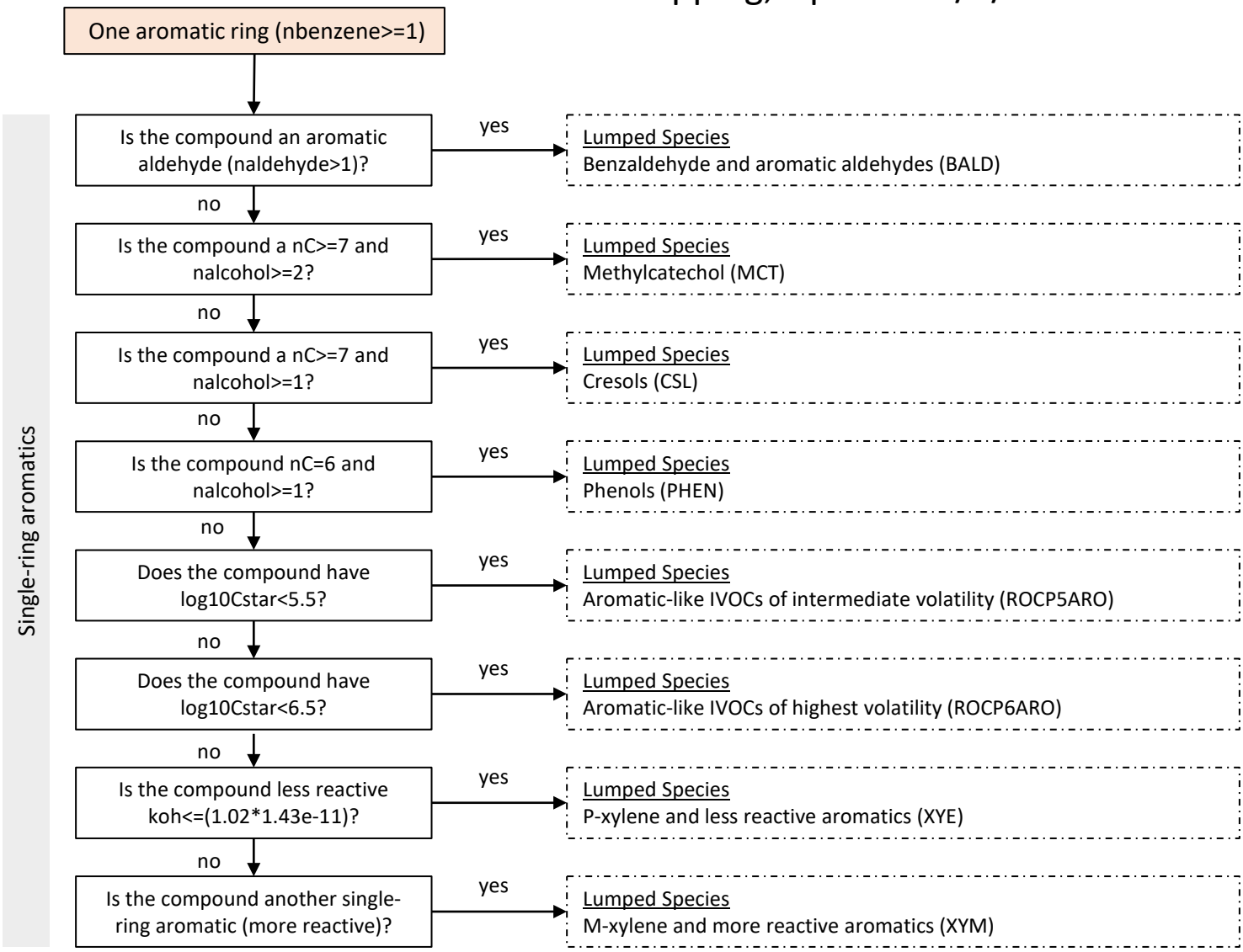
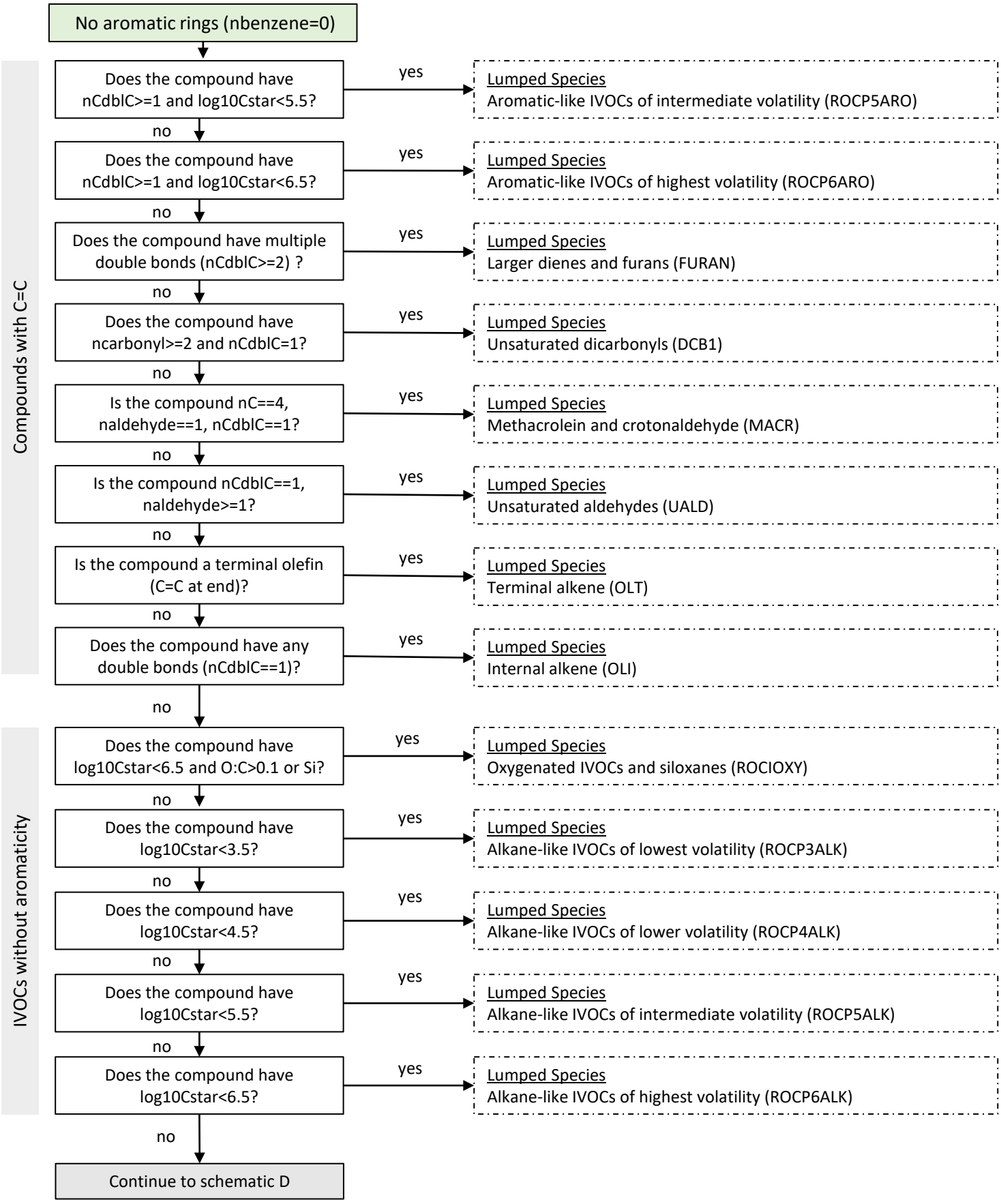
CRACMMv1.0 Emissions Mapping, Updated 6/3/2022



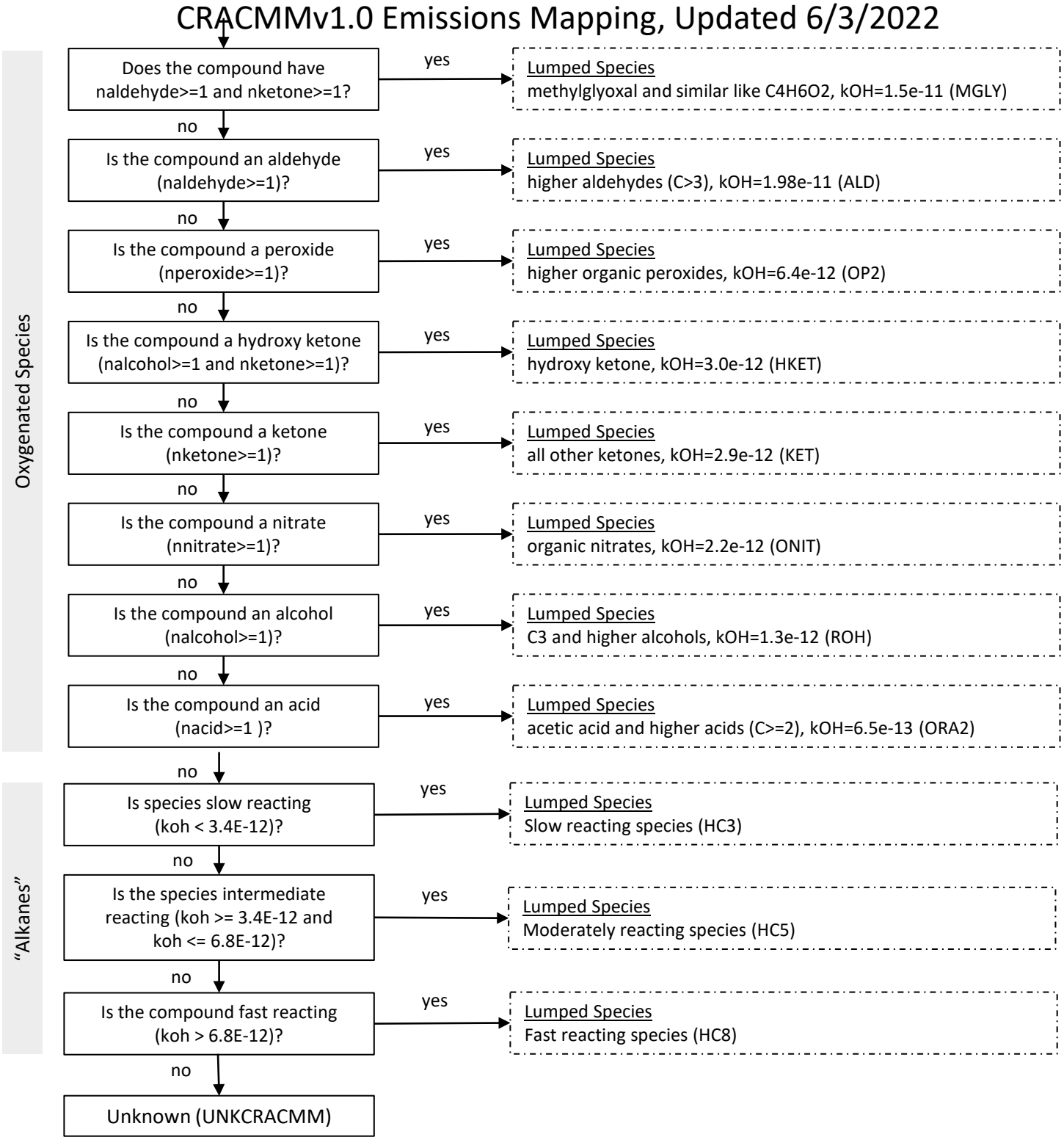
CRACMMv1.0 Emissions Mapping, Updated 6/3/2022



CRACMMv1.0 Emissions Mapping, Updated 6/3/2022



CRACMMv1.0 Emissions Mapping, Updated 6/3/2022



Unknowns may be of 3 types:

- UNKKOH: unknown kOH (correct by specifying better surrogate).
- UNKSMILES: unknown SMILES (correct by specifying better surrogate).
- UNKCRACMM: unknown in mapping. All ROC species eventually get classified by kOH, but species that do not have any carbon atoms or are elemental carbon do not get mapped.

RACM2 SI: https://ars.els-cdn.com/content/image/1-s2.0-S1352231012011065-mmc1.pdf
CMAQ Implementation of RACM2:
https://github.com/USEPA/CMAQ/blob/master/CCTM/src/MECHS/mechanism_information/racm2_ae6_aq/mech_racm2_ae6_aq.md

Notes:
*HAP or potentially hazardous.
#Lumped species largely consisting of one or more HAPs.
[1]New in CRACMM compared to base RACM2
[2]Modified species definition compared to base RACM2