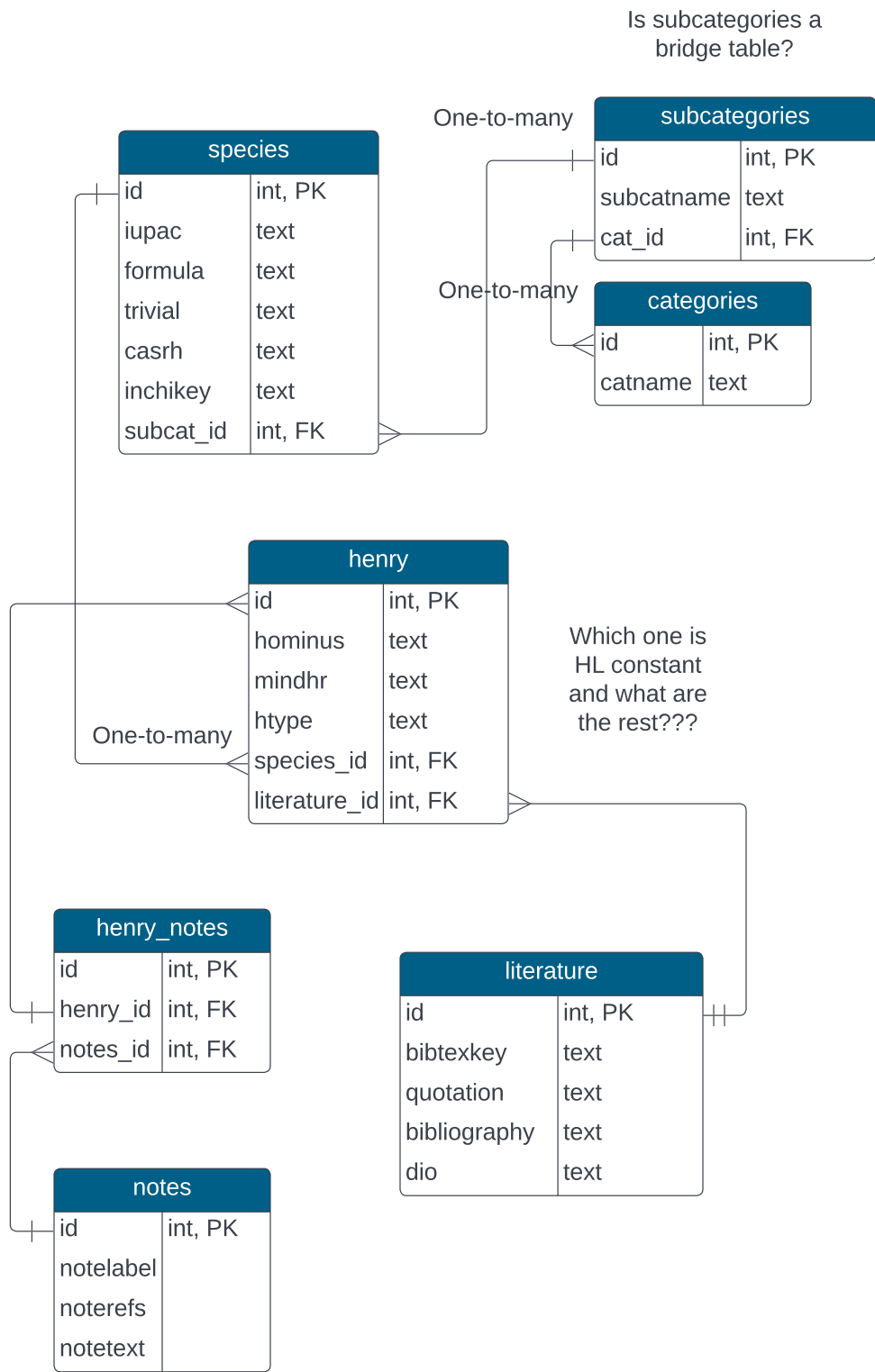


HLC ORIGINAL
Pantone 7469
#005f86



AqSolDB ORIGINAL
#fe3e14

Original DB

AqSolDB	
id (old)	text
name	text
inchi	text
inchikey	text
smiles	text
solubility	float
sd	float
ocurrences	int
group	text
features*	float/int

Redesigned to fit into HLC

- New tables
- aqsol for exp data (new unique id, species_id, solubility, sd)
 - inchi, inchikey, smiles, ocurrences into HLC species table
 - features as new table
 - id old -> HLC literature?

species	
id	int, PK
iupac	text
formula	text
trivial	text
casrh	text
inchikey	text
subcat_id	int, FK

aqsol	
id	int
solubility	float
sd	float
literature_id	text (A,...,H)
species_id	int

COMBINED

Start w simple, most reductionist db

species	
id	int, PK
inchikey	text
smiles	text
inchi	text

features	
features*	int/float

henry	
id	int, PK
hominus	text
mindhr	text
htype	text
species_id	int, FK
literature_id	int, FK

aqsol	
id	int
solubility	float
sd	float
literature_id	text (A,...,H)
species_id	int

merged	
id	int
log(K_H)	float
K_H	float
log(S)	float
S	float
species_id	Type

Next steps if time allow:

subcategories	
id	int, PK
subcatname	text
cat_id	int, FK

categories	
id	int, PK
catname	text

literature	
id	int, PK
bibtexkey	text
quotation	text
bibliography	text
dio	text