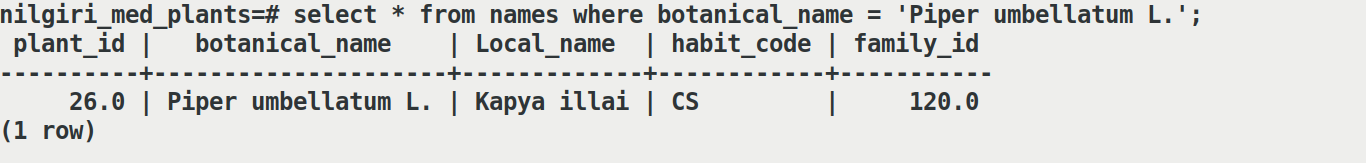
**Data retrieval**

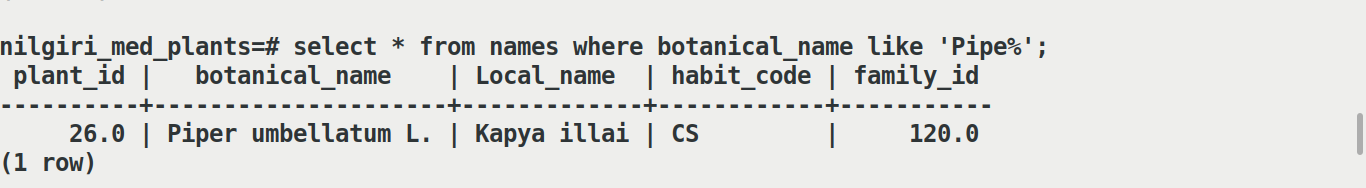
1. **To get the details of 'Piper umbellatum L.'.**

*select \* from names where botanical\_name = 'Piper umbellatum L.';*



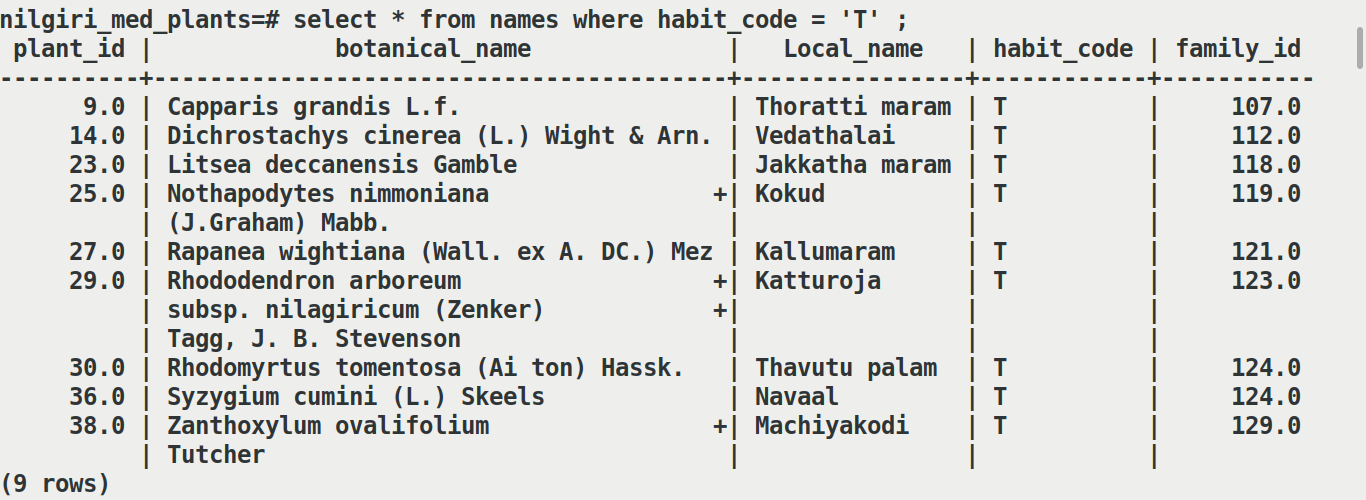
1. **To get the plant details whose name starts with 'Pipe' from names table.**

*select \* from names where botanical\_name like 'Pipe%';*



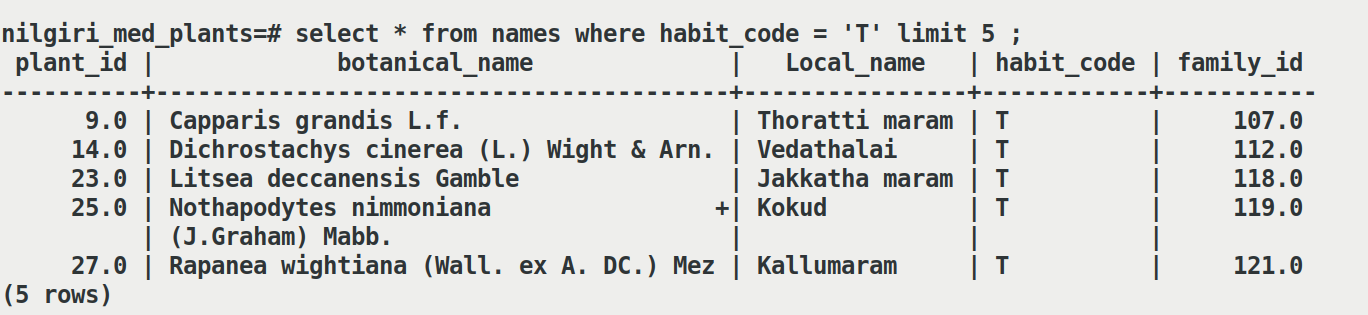
1. **To get the details of plants whose habit code is ‘T’.**

*select \* from names where habit\_code = 'T' ;*



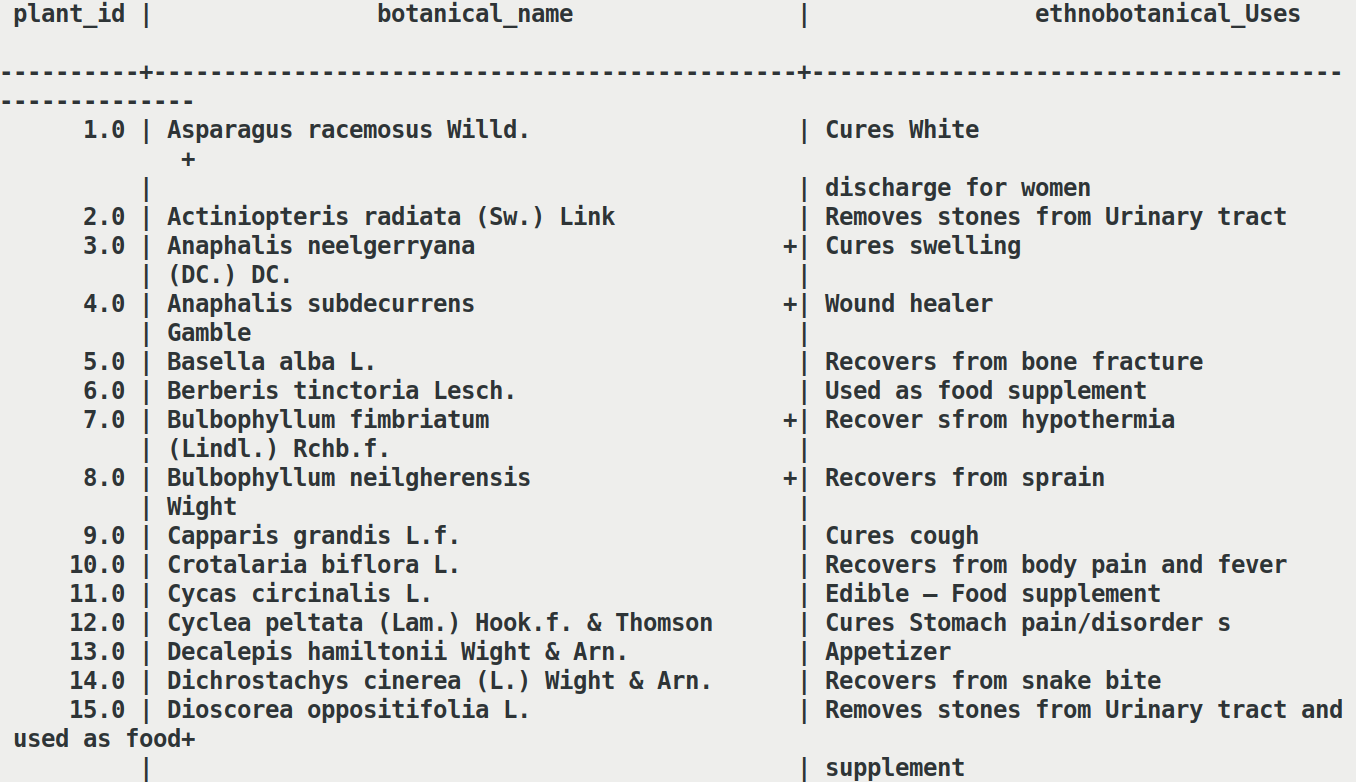
1. **To get the details of first five plants whose habit code is ‘T’ .**

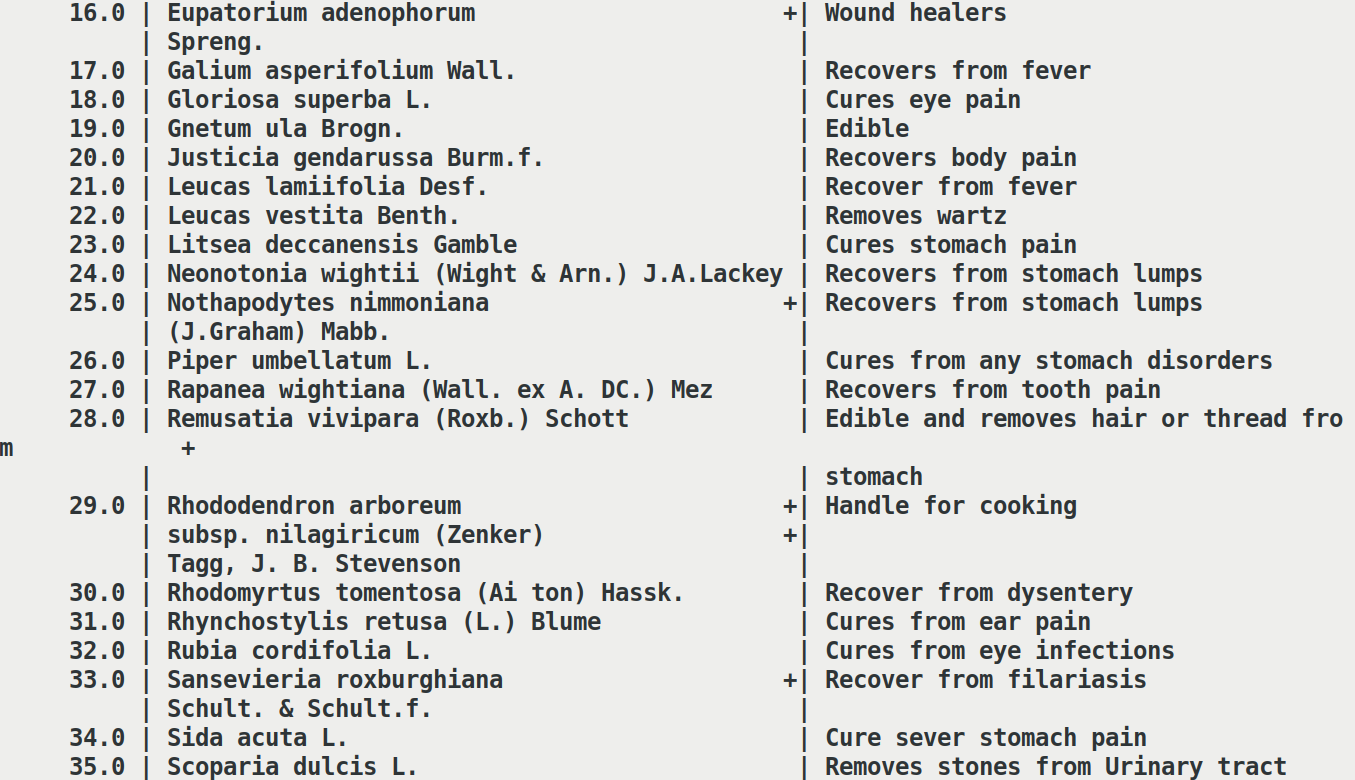
*select \* from names where habit\_code = 'T' limit 5 ;*

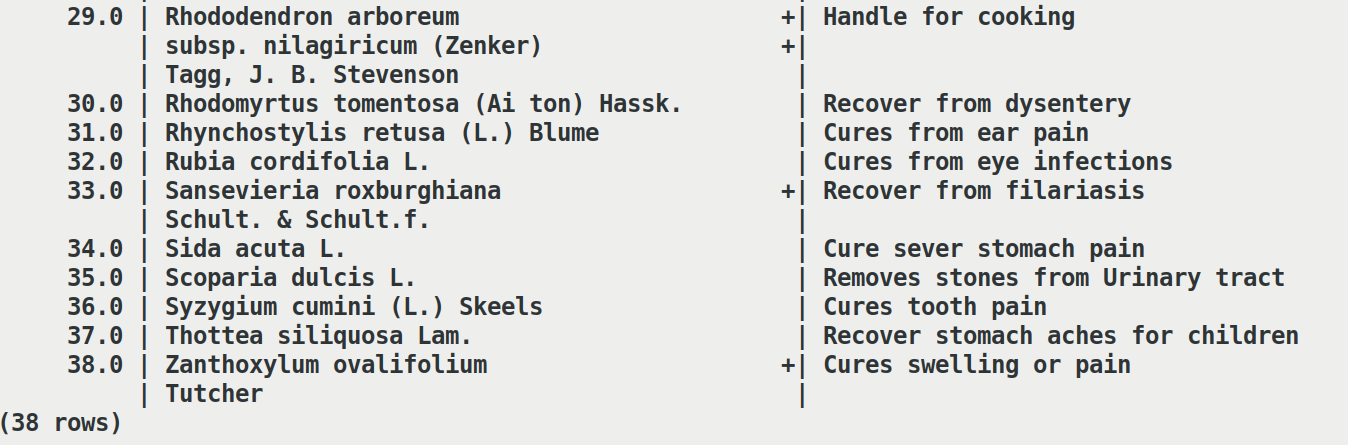


1. **To get the ethanobotanical uses of plants along with their plant id and botanical name**

*select names.plant\_id, botanical\_name, "ethnobotanical\_Uses" from names inner join uses on names.plant\_id=uses.plant\_no;*

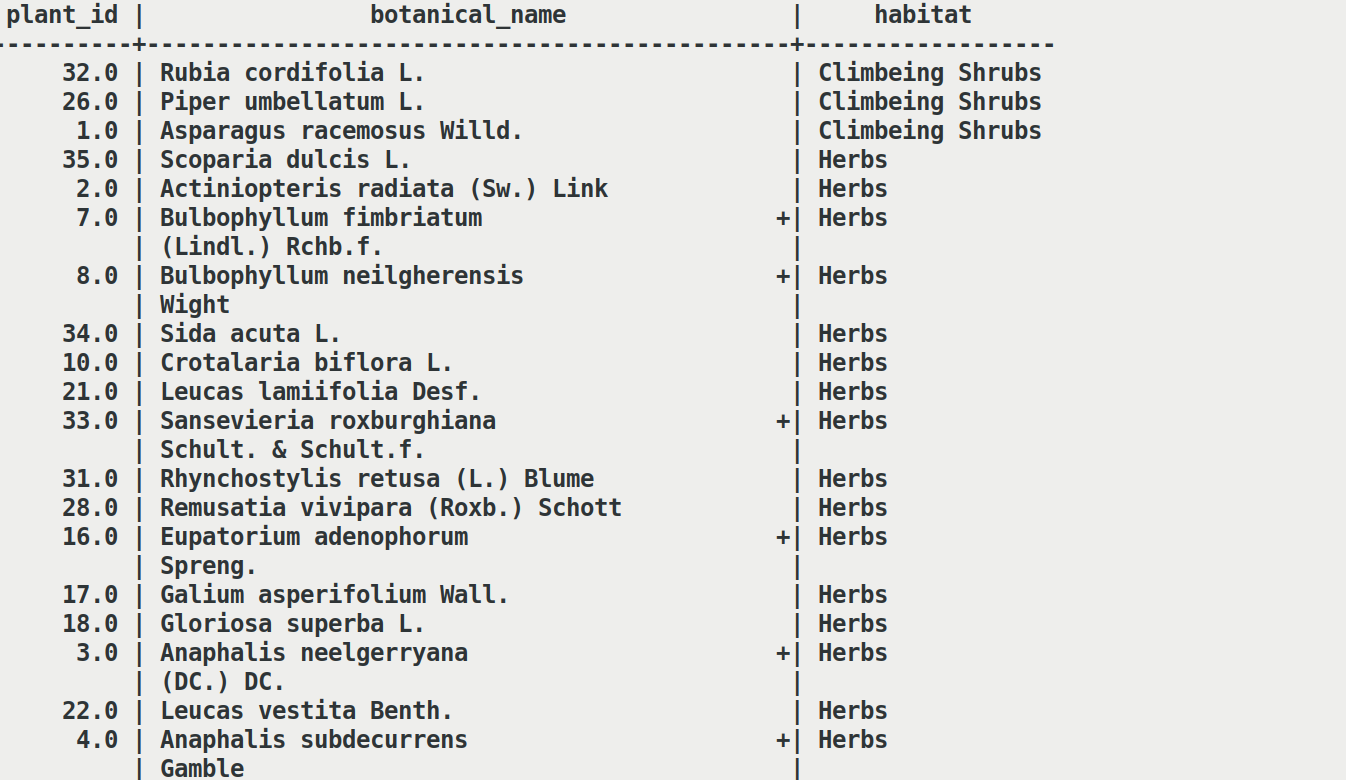


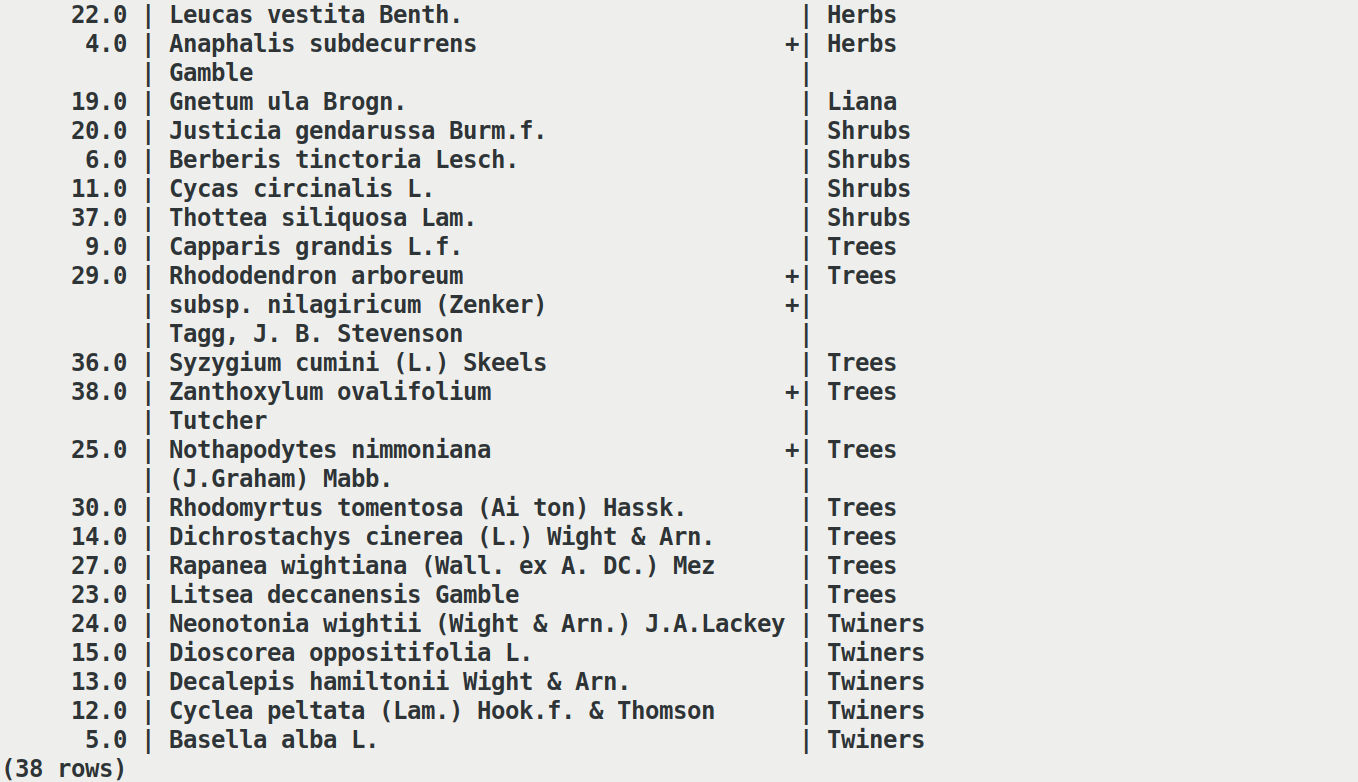




1. **To display plant id, botanical name and the habitat.**

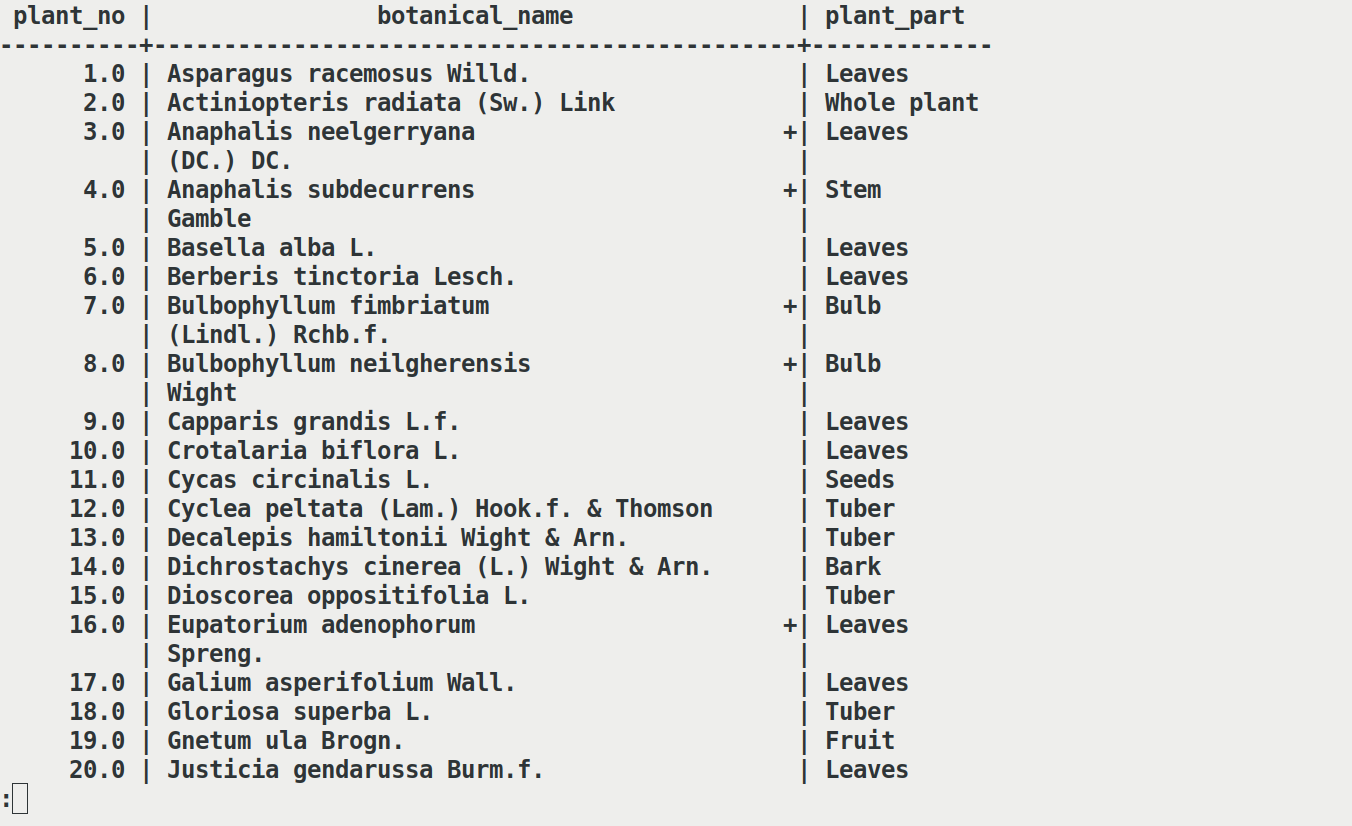
*select plant\_id,botanical\_name,habitat from names inner join habitat on names.habit\_code = habitat.habit\_code order by habitat;*





1. **To display the botanical name and the part used for therapeutic purposes**

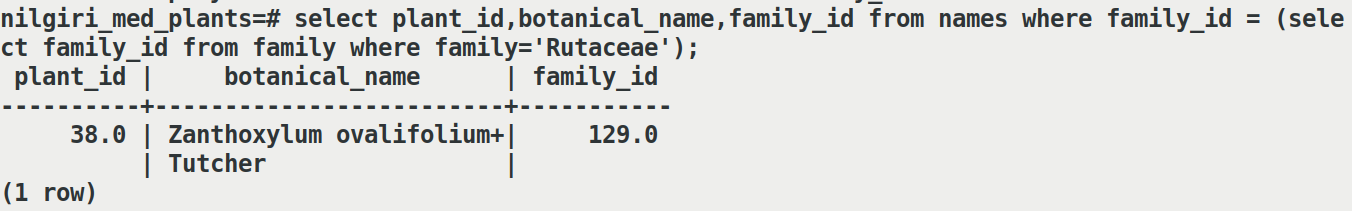
*select plant\_no,botanical\_name, plant\_part from names inner join uses on names.plant\_id=uses.plant\_no inner join plant\_part on uses.used\_part=plant\_part.part\_id order by plant\_no;*





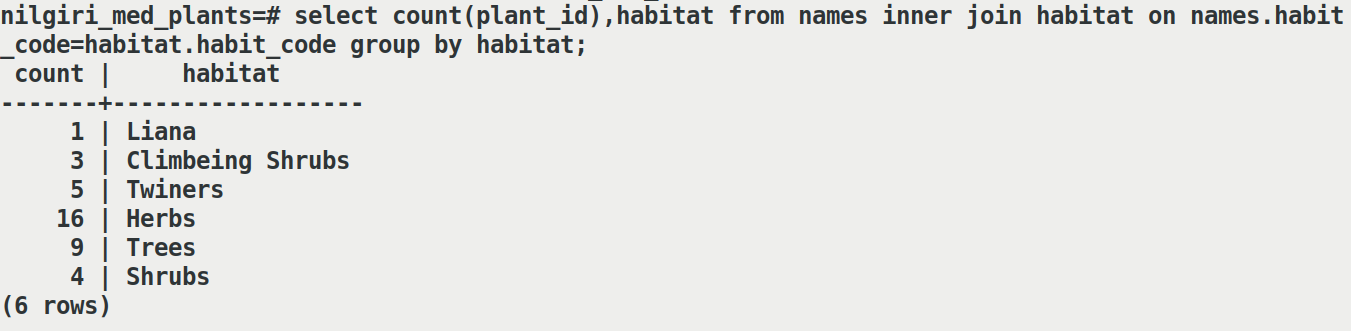
1. **To get the plants that belongs to Rutaceae family.**

*select plant\_id,botanical\_name,family\_id from names where family\_id = (select family\_id from family where family='Rutaceae');*



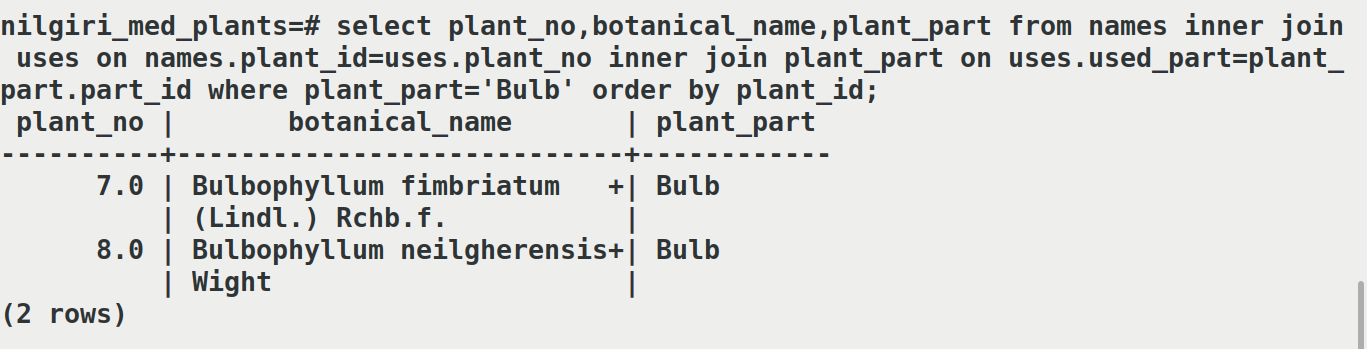
1. **Find the number of plants in each habitat**

*select count(plant\_id),habitat from names inner join habitat on names.habit\_code=habitat.habit\_code group by habitat;*



1. **Find plants whose bulb part of the plant is used as medicine.**

*select plant\_no, botanical,plant\_part from names inner join uses on names.plant\_id=uses.plant\_no inner join plant\_part on uses.used\_parts=plant\_part.part\_id where plant\_part =’bulb’ order by plant\_id;*



1. **Find the plants which can be used to cure swelling.**

*select botanical\_name,”ethnobotanical\_uses” from names inner join uses on names.plant\_id=uses.plant\_no where “ethnobotanical\_uses” like ‘%swelling%’;*

