Referee report: **Quasi-stationary distributions for subcritical superprocesses**, by Rongli Liu, Yan-xia Ren, Renming Song and Zhenyao Sun.

Yaglom's theorem states that if we condition a critical Galton-Watson (GW) process with finite variance to survive for n generations, then the population at time n rescaled by n converges in distribution to an exponential random variable. The subject of this paper is to find a similar distribution limit for subcritical superprocesses conditioned on survival. They also identified all the quasi-stationary distributions.

The paper is well written and they explained clearly all the proofs. It is interesting to know Yaglom limit for subcritical superprocesses and to identify all the quasi-stationary distributions. I have to comments to improve the paper

1. It is good to see that there exists examples that satisfy Condition (H1), but The authors wrote them at the end of the paper in appendix A.4. I recommend to write it before, in the main part of the paper. A good place to write it is before the proofs (Section 1.3). Also it is good to say an example that satisfy condition (H2). Write a sentence after the conditions saying that you will give an example with the reference of the section.

2. After theorem 1.2, It would be nice to have a sentence explaining that in the rest of the paper you are going to give first the proof of Theorem 1.1 by using a series of Propositions. Later the proof of Theorem 1.2. with other propositions and finally you will give the proofs of all the propositions.

3. Page 16 line 18. The equality is not true

$$V_s(uv_t) = V_s(u + (1-u)v_t)...$$

   I think that should be $V_s(uv_t) = V_s(uv_t + (1-u)0)$.