



## Census 2019 Autumn Parosphromenus-Project: Comments

This document describes the relevant aspects of the outcome of the Autumn census 2019.

It aims to highlight developments on a short-term basis and to supplement the reader of the general synopsis with an overview on the most important changes with respect to the spring census.

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Period of data collection: 01.10.2019 – 10.11.2019

**Participation** (including negative reports): 33 →

The participation has remained stable, including the total of 5 negative reports.

Pictograms used to assess the short-term trend:

↑: positive changes compared to past census

→: stable population and number of keepers

↓: negative developments, decreasing numbers of keepers and population

@: kept at institution/zoo

!: special situation/development

***P. alfredi*** → !

The few keepers of “*Sedili*” have kept its stock **constant and even slightly growing**. Due to re-evaluation of fish kept by Schoubye and originally named “*P. tweediei* (Ruinemans 2013)”, several specialists have come to the conclusion that these might be more likely to belong to “*alfredi*”. Thus, the **new subgroup “cf. *alfredi* (2015)”** was established.

***P. allani*** ↓

The number of keepers reporting has **decreased** and so has the total number of fish reported. Thankfully, Bussler manages to breed the two forms. **Efforts should be put on distribution** and establishing a **larger and consistent breeder network**.

***P. anjunganensis*** ↑

The keepers as well as the numbers of fishes reported have **risen substantially**. Many new keepers reported their stock.

***P. bintang*** →

Despite a small decline, the numbers are still **comparatively large**. It is especially beneficial that **many keepers report their fish constantly**.

***P. deissneri*** →

Only two but **very successful keepers who even manage to breed** the small stock are promising. Hopefully, more keepers can be found and supplied with the offspring in the future.

***P. filamentosus*** ↑ @

**Increasing numbers are promising**. Beu has a **large stock** and might be able to supply other keepers in the future. **New wild-caught form “*Siong*”** reported by Zuber.

***P. gunawani*** ↑ !

Reported by **one keeper** again (after no report last year). **Identification unclear**. Hopefully, this can be verified in the future and if they are “*gunawani*”, breeding efforts would be desirable.

***P. harveyi*** ↓ !

**Decreased numbers are alarming**. Potentially endangered stock. It might be that some keepers still have a few fish but did not participate.

***P. linkei*** → @

Numbers across the main variations are **stable and even rising**. Participation of **Swatman from Chester Zoo** means a large step for the project. In the future, **more institutions should be included** also for other species.

***P. nagyi*** →

**Overall stable** and with several keepers successful in breeding. “*Sedili*” was not reported anymore.

***P. opallios*** ↑ @

**Reported again after disappearance** by Swatman from Chester Zoo. **Small population size** might be problematic but breeding efforts could stabilize this seed stock to become spread more widely.

***P. ornaticauda*** ↓

**Fewer keepers and individuals**. Breeding appears to be stabilizing the stock. Offspring distribution to new keepers should be a focus.

***P. pahuensis*** ↑

The number of keepers has **risen** as well as the total stock reported. Efforts should be focused on **stabilizing those three populations**.

***P. paludicola*** ↓ @

A **decline in keepers was countered** by the newly reported fish at Chester Zoo. Their population appears stable and will hopefully increase in the future.

***P. parvulus*** ↓

The total number of keepers reporting their fish as well as the number of individuals has **decreased**. This is mainly an effect of Bussler having reduced his total number of fish. However, the **total population appears reasonably sized**. Potential future breeding efforts would be beneficial. New form "*Siong*" introduced by Zuber.

***P. phoenicurus*** ↑ @

The **long-term efforts** after the 2014 import by Dietzenbach appear to be **successful**. After a recent decline, the **number of keepers and individual fish is rising** and offspring was reported. With a small group at Chester Zoo, the population appears generally stable. New form reported by Hallmann ("*Sungai Pagar*").

***P. quindecim*** →

The species is still **only reported by few keepers**. However, they are **successful in breeding**. This seems to be a species where future distribution effort should be strengthened.

***P. rubrimontis*** ↓

**Only one report shows how severe the situation** has become here. Hopefully, the only pair left will breed and increase the population in the future.

***P. sumatranus*** →

Number of **keepers is approximately constant**. **Declining numbers** when compared to last spring are due to the reduction of previously large populations. **Offspring is present** thankfully.

***P. tweediei*** ↓ !

The number of varieties, keepers and individuals has **dramatically decreased**. The re-classification of the fish reported by Schoubye is only part of the reason for this. The future of this **population appears unsecure**.

**Other species**

"*Beleitung*" and "*Tanjung Malim*" were not reported anymore. New introductions of "*sp. Sentann*", "*sp. Endau rompin*" and "*Batu Phahat/Ayer Hitam*" By Mazurel and Hallmann.